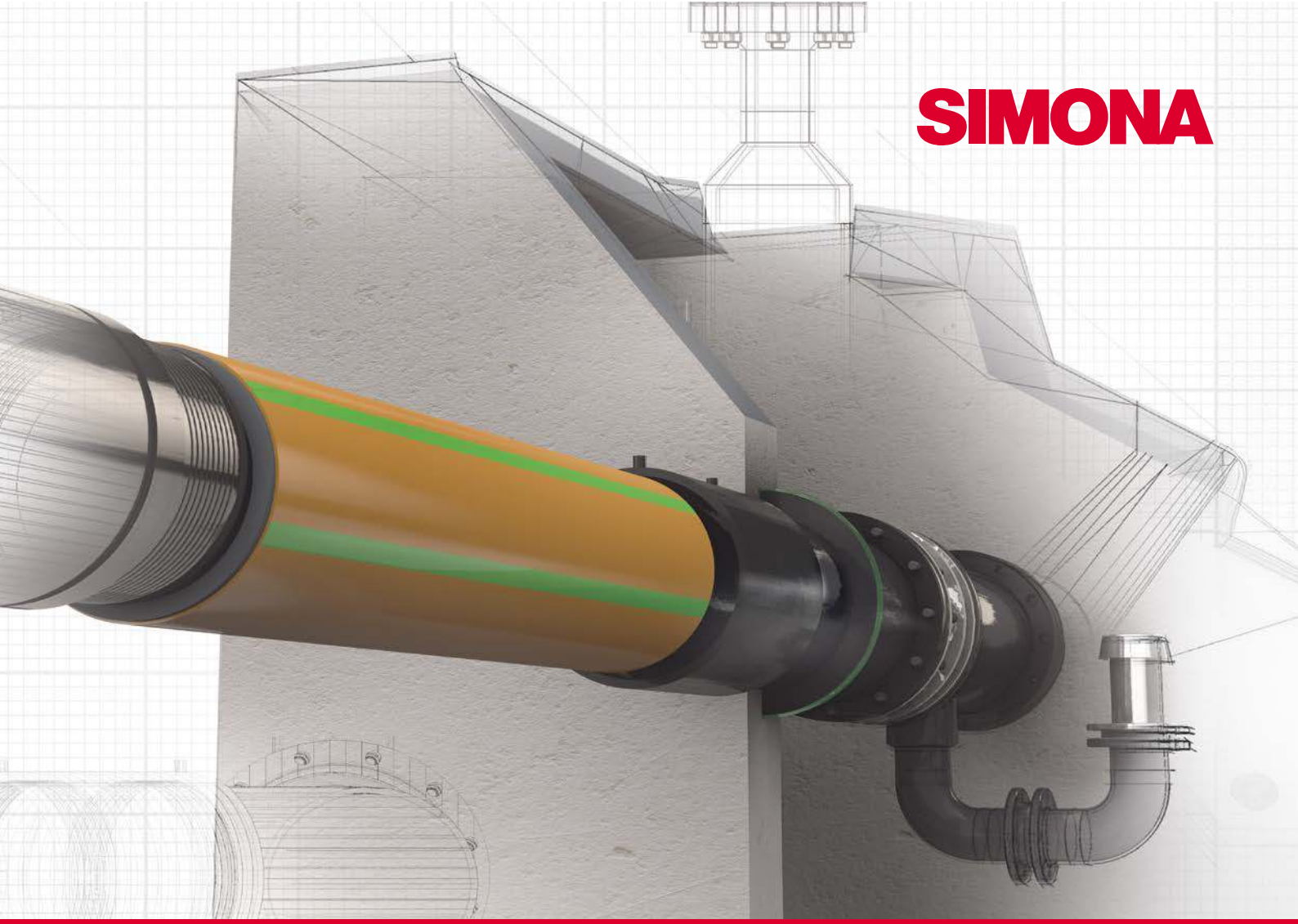
SIMONA



2026
PE 100, PE 100 RC, PE-EL

Gross Price List
Pipes, Fittings

Notes

Stock availability of products

Bold type	■ Ready for dispatch (main warehouse Ringsheim/Kirn)
Light-faced type	■ Pipes and fittings supplied on request (quantity-dependent)

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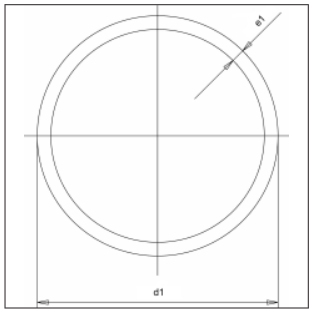
PE 100 Pressure pipes (SDR 41/33/26/17/11/7.4)

SIMONA

1.1



Product image for illustration purposes only.



Material
PE 100

Colour
black

Dimensions
DIN 8074, DIN EN ISO 15494, DIN EN 12201, standard length 6 m, also in 12 m length, other lengths on request

Remark
Pipes in other SDR-series acc. to DIN 8074 on request, stress relieved by thermal treatment DIN 19535 on request

Art.code: PE0100——RO—EX———SW09500— **0101**

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
7.4	50	6.9	25	6	0.94	010002837	5,65
7.4	50	6.9	25	12	0.94	010059155	5,65
7.4	63	8.6	25	6	1.49	010002838	8,85
7.4	63	8.6	25	12	1.49	010044959	8,85
7.4	75	10.3	25	6	2.12	010002839	12,35
7.4	75	10.3	25	12	2.12	010052659	12,35
7.4	90	12.3	25	6	3.03	010002840	17,85
7.4	90	12.3	25	12	3.03	010045704	17,85
7.4	110	15.1	25	6	4.54	**010002841**	24,55
7.4	110	15.1	25	12	4.54	010042425	24,55
7.4	125	17.1	25	6	5.84	**010002842**	31,55
7.4	125	17.1	25	12	5.84	010039729	31,55
7.4	140	19.2	25	6	7.33	**010002843**	39,55
7.4	140	19.2	25	12	7.33	010044654	39,55
7.4	160	21.9	25	6	9.54	**010002844**	51,55
7.4	160	21.9	25	12	9.54	010044655	51,55
7.4	180	24.6	25	6	12.1	**010002845**	65,30
7.4	180	24.6	25	12	12.1	010044043	65,30
7.4	200	27.4	25	6	14.9	**010002846**	80,30
7.4	200	27.4	25	12	14.9	010039703	80,30
7.4	225	30.8	25	6	18.8	010002847	101,90
7.4	225	30.8	25	12	18.8	010040531	101,90
7.4	250	34.2	25	6	23.3	**010002848**	139,80
7.4	250	34.2	25	12	23.3	010044656	139,80
7.4	280	38.3	25	6	29.2	010002849	156,85
7.4	280	38.3	25	12	29.2	010003346	156,85
7.4	315	43.1	25	6	36.9	010002850	198,30
7.4	315	43.1	25	12	36.9	010045831	198,30
7.4	355	48.5	25	6	46.8	010002851	251,60
7.4	355	48.5	25	12	46.8	010042464	251,60
7.4	400	54.7	25	6	59.4	010002852	316,60
7.4	400	54.7	25	12	59.4	010005064	316,60
7.4	450	61.5	25	6	75.2	010002853	437,50
7.4	450	61.5	25	12	75.2	010005045	437,50
7.4	500	68.3	25	6	92.8	010026896	589,75
7.4	500	68.3	25	12	92.8	010047566	589,75
7.4	560	75.8	25	6	57.5	010026897	732,05
7.4	560	75.8	25	12	115	010052123	732,05
11	10	1.8	32	6	0.05	010002865	0,60
11	12	1.8	25	6	0.06	010002866	0,65
11	16	1.8	20	6	0.08	010002867	0,85
11	20	2.0	16	6	0.12	**010001100**	1,05
11	20	2.0	16	12	0.12	010059126	1,05
11	25	2.3	16	6	0.17	**010001101**	1,30
11	25	2.3	16	12	0.17	010059127	1,30
11	32	3.0	16	6	0.28	**010001616**	1,90
11	32	3.0	16	12	0.28	010049320	1,90

* on request

PE 100 Pressure pipes (SDR 41/33/26/17/11/7.4)

SIMONA

Art.code: PE0100——RO—EX———SW09500—

0101 1.1

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	40	3.7	16	6	0.43	**010001103**	2,80
11	40	3.7	16	12	0.43	010049321	2,80
11	50	4.6	16	6	0.67	**010001104**	4,05
11	50	4.6	16	12	0.67	010039704	4,05
11	63	5.8	16	6	1.06	**010001105**	6,30
11	63	5.8	16	12	1.06	010003060	6,30
11	75	6.8	16	6	1.48	**010001619**	9,30
11	75	6.8	16	12	1.48	010045113	9,30
11	90	8.2	16	6	2.14	**010001107**	12,60
11	90	8.2	16	12	2.14	010001713	12,60
11	110	10.0	16	6	3.18	**010001108**	17,20
11	110	10.0	16	12	3.18	010001715	17,20
11	125	11.4	16	6	4.12	**010000610**	23,15
11	125	11.4	16	12	4.12	**010001716**	23,15
11	140	12.7	16	6	5.13	**010001620**	31,65
11	140	12.7	16	12	5.13	010038347	31,65
11	160	14.6	16	6	6.74	**010000611**	37,80
11	160	14.6	16	12	6.74	**010001718**	37,80
11	180	16.4	16	6	8.51	**010000612**	50,75
11	180	16.4	16	12	8.51	010001719	50,75
11	200	18.2	16	6	10.5	**010001110**	66,80
11	200	18.2	16	12	10.5	010003058	66,80
11	225	20.5	16	6	13.3	**010001111**	80,00
11	225	20.5	16	12	13.3	010001721	80,00
11	250	22.7	16	6	16.3	**010001623**	98,95
11	250	22.7	16	12	16.3	010002868	98,95
11	280	25.4	16	12	20.5	010000618	123,65
11	280	25.4	16	6	20.5	**010001624**	123,65
11	315	28.6	16	12	25.9	010000620	156,85
11	315	28.6	16	6	25.9	**010001627**	156,85
11	355	32.2	16	12	32.9	010000622	198,90
11	355	32.2	16	6	32.9	**010001628**	198,90
11	400	36.3	16	6	41.7	**010001631**	252,50
11	400	36.3	16	12	41.7	010003059	252,50
11	450	40.9	16	6	52.8	**010001632**	312,35
11	450	40.9	16	12	52.8	010001829	312,35
11	500	45.4	16	6	65.2	**010001635**	395,45
11	500	45.4	16	12	65.2	010037833	395,45
11	560	50.8	16	6	81.7	**010001636**	496,45
11	560	50.8	16	12	81.7	010003037	496,45
11	630	57.2	16	6	103	**010001639**	627,40
11	630	57.2	16	12	103	010002918	627,40
11	710	64.5	16	12	131	010019099	747,35
11	710	64.5	16	6	131	**010019101**	747,35
11	800	72.6	16	12	167	010015413	1.060,60
11	800	72.6	16	6	167	010019098	1.060,60
11	900	81.7	16	6	211	010026059	1.343,05
11	900	81.7	16	12	211	010039904	1.343,05
11	1000	90.9	16	6	261	010026898	1.661,40
11	1000	90.8	16	12	260	010039905	1.661,40
17	25	1.8	10	6	0.14	010001075	*
17	32	2.0	10	6	0.2	010002949	1,45
17	32	1.9	10	12	0.19	010049279	1,45
17	32	2.0	10	12	0.2	010049282	1,45
17	40	2.4	10	6	0.3	**010001077**	2,00
17	40	2.4	10	12	0.3	010059125	2,00
17	50	3.0	10	6	0.46	**010001078**	2,80
17	50	3.0	10	12	0.46	010047789	2,80
17	63	3.8	10	6	0.73	**010001079**	4,15
17	63	3.8	10	12	0.73	010039409	4,15
17	75	4.5	10	6	1.03	**010001080**	6,15
17	75	4.5	10	12	1.03	010042917	6,15
17	90	5.4	10	6	1.47	**010001081**	8,45
17	90	5.4	10	12	1.47	**010001825**	8,45
17	110	6.6	10	6	2.19	**010001082**	11,45
17	110	6.6	10	12	2.19	**010001714**	11,45

* on request

PE 100 Pressure pipes (SDR 41/33/26/17/11/7.4)

SIMONA

1.1 Art.code: PE0100——RO—EX———SW09500— 0101

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
17	125	7.4	10	6	2.79	**010001083**	15,85
17	125	7.4	10	12	2.79	**010003205**	15,85
17	140	8.3	10	6	3.5	**010001084**	19,45
17	140	8.3	10	12	3.5	010001826	19,45
17	160	9.5	10	6	4.57	**010001085**	23,80
17	160	9.5	10	12	4.57	**010001717**	23,80
17	180	10.7	10	12	5.77	**010000615**	34,50
17	180	10.7	10	6	5.77	**010001086**	34,50
17	200	11.9	10	6	7.12	**010001087**	41,70
17	200	11.9	10	12	7.12	**010003206**	41,70
17	225	13.4	10	6	9.03	**010001088**	49,10
17	225	13.4	10	12	9.03	**010001720**	49,10
17	250	14.8	10	6	11.1	**010001089**	69,55
17	250	14.8	10	12	11.1	**010001722**	69,55
17	280	16.6	10	12	13.9	**010000617**	79,50
17	280	16.6	10	6	13.9	**010001090**	79,50
17	315	18.7	10	6	17.6	**010000613**	100,40
17	315	18.7	10	12	17.6	**010001723**	100,40
17	355	21.1	10	6	22.4	**010001091**	139,20
17	355	21.1	10	12	22.4	**010001724**	139,20
17	400	23.7	10	12	28.3	**010000623**	183,80
17	400	23.7	10	6	28.3	**010001092**	183,80
17	450	26.7	10	6	35.8	**010000614**	203,55
17	450	26.7	10	12	35.8	**010000626**	203,55
17	500	29.7	10	6	44.2	**010001093**	256,50
17	500	29.7	10	12	44.2	010038329	256,50
17	560	33.2	10	6	55.4	**010001094**	321,40
17	560	33.2	10	12	55.4	**010002916**	321,40
17	630	37.4	10	6	70.2	**010001095**	407,15
17	630	37.4	10	12	70.2	010002917	407,15
17	710	42.1	10	6	89	**010001096**	523,45
17	710	42.1	10	12	89	010038346	523,45
17	800	47.4	10	6	113	**010001097**	663,55
17	800	47.4	10	12	113	010035967	663,55
17	900	53.3	10	6	143	**010001098**	840,30
17	900	53.3	10	12	143	010038994	840,30
17	1000	59.3	10	6	176	**010001099**	1.031,80
17	1000	59.3	10	12	176	010038345	1.031,80
17	1100	64.7	10	6	212	010010983	1.338,00
17	1100	64.7	10	12	212	010010989	1.338,00
17	1200	71.1	10	6	254	**010010984**	1.589,85
17	1200	71.1	10	12	254	010010990	1.589,85
26	40	1.8	6.3	6	0.23	010002812	1,85
26	40	1.8	6.3	12	0.23	010059149	1,85
26	50	2.0	6.3	6	0.32	010002813	2,35
26	50	2.0	6.3	12	0.32	010059150	2,35
26	63	2.5	6.3	6	0.5	010002814	3,55
26	63	2.5	6.3	12	0.5	010059151	3,55
26	75	2.9	6.3	6	0.68	010002815	4,75
26	75	2.9	6.3	12	0.68	010059152	4,75
26	90	3.5	6.3	6	0.99	010002816	6,95
26	90	3.5	6.3	12	0.99	010059153	6,95
26	110	4.2	6.3	6	1.45	**010002817**	8,75
26	110	4.2	6.3	12	1.45	010055524	8,75
26	125	4.8	6.3	6	1.86	**010002818**	11,60
26	125	4.8	6.3	12	1.86	010059154	11,60
26	140	5.4	6.3	6	2.35	010002819	14,35
26	140	5.4	6.3	12	2.35	010051726	14,35
26	160	6.2	6.3	6	3.08	**010002820**	17,10
26	160	6.2	6.3	12	3.08	010026861	17,10
26	180	6.9	6.3	6	3.83	010002821	24,70
26	180	6.9	6.3	12	3.83	010003271	24,70
26	200	7.7	6.3	6	4.74	**010002822**	27,65
26	200	7.7	6.3	12	4.74	010049483	27,65
26	225	8.6	6.3	6	5.96	**010002823**	35,00
26	225	8.6	6.3	12	5.96	010042064	35,00

* on request

PE 100 Pressure pipes (SDR 41/33/26/17/11/7.4)

SIMONA

Art.code: PE0100——RO—EX———SW09500—

0101 1.1

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
26	250	9.6	6.3	6	7.38	**010002824**	43,25
26	250	9.6	6.3	12	7.38	010044377	43,25
26	280	10.7	6.3	6	9.2	**010002825**	58,65
26	280	10.7	6.3	12	9.2	010038984	58,65
26	315	12.1	6.3	12	11.7	010000619	68,50
26	315	12.1	6.3	6	11.7	**010002826**	68,50
26	355	13.6	6.3	12	14.8	010000621	90,00
26	355	13.6	6.3	6	14.8	**010002827**	90,00
26	400	15.3	6.3	6	18.8	**010002828**	114,40
26	400	15.3	6.3	12	18.8	010026863	114,40
26	450	17.2	6.3	12	23.7	010000625	145,15
26	450	17.2	6.3	6	23.7	010002829	145,15
26	500	19.1	6.3	12	29.2	010000628	178,90
26	500	19.1	6.3	6	29.2	010002830	178,90
26	560	21.4	6.3	6	36.6	010002831	224,15
26	560	21.4	6.3	12	36.6	010026864	224,15
26	630	24.1	6.3	6	46.4	010002832	283,55
26	630	24.1	6.3	12	46.4	010026865	283,55
26	710	27.2	6.3	6	59	010002833	359,25
26	710	27.2	6.3	12	59	010026866	359,25
26	800	30.6	6.3	6	74.7	010002834	454,85
26	800	30.6	6.3	12	74.7	010040585	454,85
26	900	34.4	6.3	6	94.4	010002835	576,60
26	900	34.4	6.3	12	94.4	010047916	576,60
26	1000	38.2	6.3	6	117	010002836	710,10
26	1000	38.2	6.3	12	117	010036448	710,10
26	1100	42.3	6.3	6	142	010010981	896,65
26	1100	42.3	6.3	12	142	010010987	896,65
26	1200	45.9	6.3	6	168	010010982	1.060,25
26	1200	45.9	6.3	12	168	010010988	1.060,25
33	63	2.0	5	6	0.4	010002789	2,90
33	63	2.0	5	12	0.4	010059143	2,90
33	75	2.3	5	6	0.56	010002790	3,95
33	75	2.3	5	12	0.56	010059144	3,95
33	90	2.8	5	6	0.8	010002791	5,40
33	90	2.8	5	12	0.8	010059145	5,40
33	110	3.4	5	6	1.19	**010002792**	6,95
33	110	3.4	5	12	1.19	010048817	6,95
33	125	3.9	5	6	1.53	**010002793**	8,95
33	125	3.9	5	12	1.53	010059146	8,95
33	140	4.3	5	6	1.9	010002794	11,35
33	140	4.3	5	12	1.9	010059147	11,35
33	160	4.9	5	6	2.45	**010002795**	13,30
33	160	4.9	5	12	2.45	010038394	13,30
33	180	5.5	5	6	3.1	010002796	19,25
33	180	5.5	5	12	3.1	010059148	19,25
33	200	6.2	5	6	3.88	**010002797**	21,65
33	200	6.2	5	12	3.88	010026847	21,65
33	225	6.9	5	6	4.83	**010002798**	27,10
33	225	6.9	5	12	4.83	010057172	27,10
33	250	7.7	5	6	5.98	**010002799**	33,60
33	250	7.7	5	12	5.98	010026848	33,60
33	280	8.6	5	6	7.47	**010002800**	45,75
33	280	8.6	5	12	7.47	010026849	45,75
33	315	9.7	5	6	9.47	**010002801**	52,90
33	315	9.7	5	12	9.47	010026850	52,90
33	355	10.9	5	6	12	**010002802**	70,80
33	355	10.9	5	12	12	010026862	70,80
33	400	12.3	5	6	15.2	**010002803**	89,05
33	400	12.3	5	12	15.2	010026851	89,05
33	450	13.8	5	6	19.2	**010002804**	112,95
33	450	13.8	5	12	19.2	010026852	112,95
33	500	15.3	5	6	23.6	**010002805**	139,45
33	500	15.3	5	12	23.6	010026853	139,45
33	560	17.2	5	6	29.7	**010002806**	174,75
33	560	17.2	5	12	29.7	010026855	174,75

* on request

PE 100 Pressure pipes (SDR 41/33/26/17/11/7.4)

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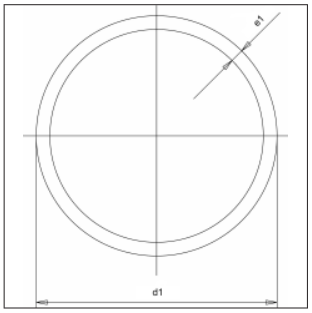
1.1 Art.code: PE0100——RO—EX———SW09500— 0101

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
33	630	19.3	5	6	37.5	**010002807**	221,30
33	630	19.3	5	12	37.5	010026856	221,30
33	710	21.8	5	6	47.7	**010002808**	281,75
33	710	21.8	5	12	47.7	010040014	281,75
33	800	24.5	5	6	60.4	**010002809**	356,40
33	800	24.5	5	12	60.4	010026867	356,40
33	900	27.6	5	6	76.4	**010002810**	450,45
33	900	27.6	5	12	76.4	010038991	450,45
33	1000	30.6	5	6	94.1	**010002811**	556,75
33	1000	30.6	5	12	94.1	010026859	556,75
33	1100	33.3	5	6	113	010010979	713,70
33	1100	33.3	5	12	113	010010985	713,70
33	1200	36.7	5	6	135	**010010980**	852,55
33	1200	36.7	5	12	135	010010986	852,55
41	75	1.9	4	6	0.46	010002767	3,30
41	75	1.9	4	12	0.46	010059128	3,30
41	90	2.2	4	6	0.65	010002768	4,35
41	90	2.2	4	12	0.65	010059129	4,35
41	110	2.7	4	6	0.95	010002769	5,95
41	110	2.7	4	12	0.95	010059130	5,95
41	125	3.1	4	6	1.25	010002770	7,95
41	125	3.1	4	12	1.25	010059131	7,95
41	140	3.5	4	6	1.56	010002771	10,05
41	140	3.5	4	12	1.56	010049699	10,05
41	160	4.0	4	6	2.02	**010002772**	12,10
41	160	4.0	4	12	2.02	010059132	12,10
41	180	4.4	4	6	2.51	010002773	15,95
41	180	4.4	4	12	2.51	010059133	15,95
41	200	4.9	4	6	3.08	**010002774**	19,60
41	200	4.9	4	12	3.08	010059134	19,60
41	225	5.5	4	6	3.9	010002775	24,75
41	225	5.5	4	12	3.9	010059135	24,75
41	250	6.2	4	6	4.88	**010002776**	31,70
41	250	6.2	4	12	4.88	010059136	31,70
41	280	6.9	4	6	6.04	010002777	39,90
41	280	6.9	4	12	6.04	010059137	39,90
41	315	7.7	4	6	7.59	**010002778**	50,10
41	315	7.7	4	12	7.59	010054955	50,10
41	355	8.7	4	6	9.65	010002779	63,55
41	355	8.7	4	12	9.65	010059138	63,55
41	400	9.8	4	6	12.2	**010002780**	80,50
41	400	9.8	4	12	12.2	010054956	80,50
41	450	11.0	4	12	15.4	010000624	93,25
41	450	11.0	4	6	15.4	010002781	93,25
41	500	12.3	4	12	19.2	010000627	115,15
41	500	12.3	4	6	19.2	**010002782**	115,15
41	560	13.7	4	6	23.9	010002783	144,60
41	560	13.7	4	12	23.9	010059139	144,60
41	630	15.4	4	6	30.2	**010002784**	182,50
41	630	15.4	4	12	30.2	010059140	182,50
41	710	17.4	4	6	38.4	010002785	227,50
41	710	17.4	4	12	38.4	010048858	227,50
41	800	19.6	4	6	48.7	**010002786**	294,45
41	800	19.6	4	12	48.7	010044410	294,45
41	900	22.0	4	6	61.3	010002787	371,55
41	900	22.0	4	12	61.3	010059141	371,55
41	1000	24.5	4	6	75.9	010002788	458,50
41	1000	24.5	4	12	75.9	010059142	458,50
41	1200	29.4	4	6	109	010020776	*

* on request

PE 100 RCline Pressure pipe (SDR 33/26/17/11/7.4)

SIMONA



Material
PE 100 RC

Colour
black

Dimensions
DIN 8074, DIN EN 12201, standard length: 6 m, also available in 12 m, other lengths available upon request

Remark
PE 100 RC Pipe Type 1 per PAS 1075

Art.code: PE0100-RC—RO—EX———SW09500— **0104**

SDR	d (mm)	e (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
7.4	75	10.3	12	2.12	010046294	12,85
7.4	75	10.3	6		010058993	12,85
7.4	90	12.3	12	3.03	010053547	18,55
7.4	90	12.3	6		010059001	18,55
7.4	110	15.1	12	4.54	010046649	25,55
7.4	110	15.1	6		010058953	25,55
7.4	125	17.1	12		010058895	32,80
7.4	125	17.1	6		010058956	32,80
7.4	160	21.9	12	9.54	010048095	53,60
7.4	160	21.9	6		010058962	53,60
7.4	180	24.6	12	12.1	010044794	67,90
7.4	180	24.6	6		010058964	67,90
7.4	200	27.4	6	14.9	010048735	83,50
7.4	200	27.4	12	14.9	010059224	83,50
7.4	225	30.8	6	18.8	010030851	106,00
7.4	225	30.8	12	18.8	010044353	106,00
7.4	250	34.2	6	23.3	010037960	145,40
7.4	250	34.2	12	23.3	010041146	145,40
7.4	280	38.3	6	29.2	010047620	163,10
7.4	280	38.3	12	29.2	010053726	163,10
7.4	315	43.1	6	36.9	**010035759**	206,25
7.4	315	43.1	12	36.9	010035762	206,25
7.4	355	48.5	6	46.8	**010035760**	261,65
7.4	355	48.5	12	46.8	010035763	261,65
7.4	400	54.7	6	59.4	010035761	329,25
7.4	400	54.7	12	59.4	010035764	329,25
7.4	450	61.5	6	75.2	**010030852**	455,00
7.4	450	61.5	12	75.2	010035765	455,00
7.4	500	68.3	12	92.8	010057520	613,35
7.4	500	68.3	6		010059324	613,35
7.4	560	75.8	12	115	010053781	761,35
7.4	560	75.8	6	115	010055664	761,35
11	32	3.0	6	0.28	010030777	2,00
11	32	3.0	12		010058920	2,00
11	40	3.7	6	0.43	010030773	2,90
11	40	3.7	12	0.43	010044087	2,90
11	50	4.6	6	0.67	**010030774**	4,20
11	50	4.6	12	0.67	010057566	4,20
11	63	5.8	6	1.06	**010030775**	6,55
11	63	5.8	12	1.06	010040909	6,55
11	75	6.8	6	1.48	**010030778**	9,65
11	75	6.8	12	1.48	010052239	9,65
11	90	8.2	6	2.14	**010030776**	13,10
11	90	8.2	12	2.14	010038677	13,10
11	110	10.0	6	3.18	**010030785**	17,90
11	110	10.0	12	3.18	010038675	17,90
11	125	11.4	6	4.12	**010030782**	24,10
11	125	11.4	12	4.12	010040968	24,10
11	140	12.7	6	5.13	**010030779**	32,90
11	140	12.7	12	5.13	010045519	32,90

PE 100 RCline Pressure pipe (SDR 33/26/17/11/7.4)

SIMONA

1.1 Art.code: PE0100-RC—RO—EX———SW09500—— 0104

SDR	d (mm)	e (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	160	14.6	12	6.74	010037985	39,30
11	160	14.6	6	6.74	**010041142**	39,30
11	180	16.4	12	8.51	010038444	52,80
11	180	16.4	6	8.51	**010042860**	52,80
11	200	18.2	12	10.5	010045518	69,45
11	200	18.2	6	10.5	**010045803**	69,45
11	225	20.5	12	13.3	010042777	83,20
11	225	20.5	6	13.3	**010045945**	83,20
11	250	22.7	12	16.3	010038676	102,90
11	250	22.7	6	16.3	**010045098**	102,90
11	280	25.4	12	20.5	010038012	128,60
11	280	25.4	6	20.5	**010049149**	128,60
11	315	28.6	12	25.9	010038209	163,10
11	315	28.6	6	25.9	**010042667**	163,10
11	355	32.2	12	32.9	010038600	206,85
11	355	32.2	6	32.9	**010041209**	206,85
11	400	36.3	12	41.7	010039665	262,60
11	400	36.3	6	41.7	**010040969**	262,60
11	450	40.9	12		010037873	324,85
11	450	40.9	6		010037874	324,85
11	500	45.4	12	65.2	010041872	411,25
11	500	45.4	6	65.2	010045712	411,25
11	560	50.8	12	81.7	010045799	516,30
11	560	50.8	6	81.7	010049440	516,30
11	630	57.2	12	103	010039901	652,50
11	630	57.2	6	103	010044052	652,50
11	710	64.5	12	131	010039689	777,25
11	710	64.5	6	131	010045452	777,25
11	800	72.6	12	167	010040004	1.103,00
11	800	72.6	6	167	010040245	1.103,00
11	900	81.7	12	211	010040003	1.396,75
11	900	81.7	6	211	010059000	1.396,75
11	1000	90.8	6	260	010035605	1.727,85
11	1000	90.8	12	260	010044161	1.727,85
17	32	2.0	6	0.2	010030780	1,50
17	32	2.0	12		010058919	1,50
17	40	2.4	6	0.3	010030766	2,10
17	40	2.4	12		010058926	2,10
17	50	3.0	6	0.46	010030768	2,90
17	50	3.0	12	0.46	010055053	2,90
17	63	3.8	6	0.73	**010030769**	4,30
17	63	3.8	12	0.73	010050528	4,30
17	75	4.5	6	1.03	**010030770**	6,40
17	75	4.5	12	1.03	010050529	6,40
17	90	5.4	6	1.47	**010030771**	8,80
17	90	5.4	12		010037954	8,80
17	110	6.6	6	2.19	**010030783**	11,90
17	110	6.6	12	2.19	010044671	11,90
17	125	7.4	6	2.79	**010030784**	16,50
17	125	7.4	12	2.79	010047610	16,50
17	140	8.3	6	3.5	**010030772**	20,25
17	140	8.3	12	3.5	010047608	20,25
17	160	9.5	6	4.57	**010030850**	24,75
17	160	9.5	12	4.57	010038109	24,75
17	180	10.7	12	5.77	010038396	35,90
17	180	10.7	6	5.77	**010038818**	35,90
17	200	11.9	6	7.12	**010038819**	43,35
17	200	11.9	12	7.12	010048759	43,35
17	225	13.4	12	9.03	010038397	51,05
17	225	13.4	6	9.03	**010043698**	51,05
17	250	14.8	12	11.1	010043944	72,35
17	250	14.8	6	11.1	**010046708**	72,35
17	280	16.6	12	13.9	010038717	82,70
17	280	16.6	6	13.9	**010038901**	82,70
17	315	18.7	12	17.6	010038802	104,40
17	315	18.7	6	17.6	**010046709**	104,40
17	355	21.1	12	22.4	010038801	144,75

PE 100 RCline Pressure pipe (SDR 33/26/17/11/7.4)

SIMONA

Art.code: PE0100-RC—RO—EX———SW09500— 0104 1.1

SDR	d (mm)	e (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
17	355	21.1	6	22.4	**010044533**	144,75
17	400	23.7	12	28.3	010040398	191,15
17	400	23.7	6	28.3	**010046710**	191,15
17	450	26.7	12	35.8	010038611	211,70
17	450	26.7	6	35.8	**010043086**	211,70
17	500	29.7	12	44.2	010039242	266,75
17	500	29.7	6	44.2	**010044324**	266,75
17	560	33.2	12	55.4	010039243	334,25
17	560	33.2	6	55.4	010046711	334,25
17	630	37.4	6	70.2	010045029	423,45
17	630	37.4	12	70.2	010047307	423,45
17	710	42.1	6	89	010038075	544,40
17	710	42.1	12	89	010039985	544,40
17	800	47.4	6	113	010038065	690,10
17	800	47.4	12	113	010044267	690,10
17	900	53.3	6	143	010038078	873,90
17	900	53.3	12	143	010043683	873,90
17	1000	59.3	6	176	010045489	1.073,05
17	1000	59.3	12	176	010045490	1.073,05
17	1100	64.7	6	212	010059236	1.391,50
17	1100	64.7	12	212	010059241	1.391,50
17	1200	71.1	12	254	010044013	1.653,45
17	1200	71.1	6	254	010058533	1.653,45
26	40	1.8	6		010059320	1,95
26	40	1.8	12		010059321	1,95
26	50	2.0	6		010059322	2,45
26	50	2.0	12		010059323	2,45
26	63	2.5	12		010058937	3,70
26	63	2.5	6		010058990	3,70
26	75	2.9	12		010058942	4,95
26	75	2.9	6		010058995	4,95
26	90	3.5	12		010058950	7,25
26	90	3.5	6		010059004	7,25
26	110	4.2	12		010058894	9,10
26	110	4.2	6		010058955	9,10
26	125	4.8	12		010058898	12,05
26	125	4.8	6		010058958	12,05
26	140	5.4	6	2.35	010040442	14,90
26	140	5.4	12	2.35	010044086	14,90
26	160	6.2	6	3.08	010031308	17,80
26	160	6.2	12		010058904	17,80
26	180	6.9	12		010058906	25,70
26	180	6.9	6		010058966	25,70
26	200	7.7	12		010058909	28,75
26	200	7.7	6		010058967	28,75
26	225	8.6	12		010058911	36,40
26	225	8.6	6		010058970	36,40
26	250	9.6	12		010058914	45,00
26	250	9.6	6		010058973	45,00
26	280	10.7	12		010058915	61,00
26	280	10.7	6		010058974	61,00
26	315	12.1	12		010058917	71,25
26	315	12.1	6		010058975	71,25
26	355	13.6	6	14.8	010051013	93,60
26	355	13.6	12		010058922	93,60
26	400	15.3	12	18.8	010055060	119,00
26	400	15.3	6		010058979	119,00
26	450	17.2	6	23.7	010053747	150,95
26	450	17.2	12		010058928	150,95
26	500	19.1	12		010058931	186,05
26	500	19.1	6		010058984	186,05
26	560	21.4	12		010058933	233,10
26	560	21.4	6		010058986	233,10
26	630	24.1	12		010058935	294,90
26	630	24.1	6		010058988	294,90
26	710	27.2	6	59	010046379	373,60
26	710	27.2	12		010058939	373,60

PE 100 RCline Pressure pipe (SDR 33/26/17/11/7.4)

SIMONA

1.1 Art.code: PE0100-RC—RO—EX———SW09500—— 0104

SDR	d (mm)	e (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
26	800	30.6	12		010058944	473,05
26	800	30.6	6		010058997	473,05
26	900	34.4	12		010058947	599,65
26	900	34.4	6		010058999	599,65
26	1000	38.2	6	117	010057135	738,50
26	1000	38.2	12		010058891	738,50
26	1100	42.3	6	142	010059235	932,50
26	1100	42.3	12	142	010059239	932,50
26	1200	45.9	6	168	010057136	1.102,65
26	1200	45.9	12	168	010059240	1.102,65
33	63	2.0	12		010058936	3,00
33	63	2.0	6		010058989	3,00
33	75	2.3	12		010058941	4,10
33	75	2.3	6		010058994	4,10
33	90	2.8	12		010058949	5,60
33	90	2.8	6		010059003	5,60
33	110	3.4	6		010049145	7,25
33	110	3.4	12		010058893	7,25
33	125	3.9	6		010049146	9,30
33	125	3.9	12		010058897	9,30
33	140	4.3	12		010058901	11,80
33	140	4.3	6		010058961	11,80
33	160	4.9	6	2.45	**010049147**	13,85
33	160	4.9	12		010058903	13,85
33	180	5.5	6	3.1	010059222	20,00
33	180	5.5	12	3.1	010059223	20,00
33	200	6.2	6	3.88	**010049148**	22,50
33	200	6.2	12		010058908	22,50
33	225	6.9	6	4.83	010051081	28,20
33	225	6.9	12	4.83	010059225	28,20
33	250	7.7	12		010058913	34,95
33	250	7.7	6		010058972	34,95
33	280	8.6	6	7.47	010051082	47,60
33	280	8.6	12	7.47	010059226	47,60
33	315	9.7	6	9.47	010051083	55,00
33	315	9.7	12	9.47	010059227	55,00
33	355	10.9	12		010058921	73,65
33	355	10.9	6		010058976	73,65
33	400	12.3	12		010058924	92,60
33	400	12.3	6		010058978	92,60
33	450	13.8	6	19.2	010051084	117,45
33	450	13.8	12	19.2	010059228	117,45
33	500	15.3	12		010058930	145,05
33	500	15.3	6		010058983	145,05
33	560	17.2	6	29.7	010051085	181,75
33	560	17.2	12	29.7	010059229	181,75
33	630	19.3	6	37.5	010051086	230,15
33	630	19.3	12	37.5	010059230	230,15
33	710	21.8	6	47.7	010055909	293,00
33	710	21.8	12	47.7	010059232	293,00
33	800	24.5	6	60.4	010051087	370,65
33	800	24.5	12	60.4	010059231	370,65
33	900	27.6	6	76.4	010051088	468,45
33	900	27.6	12		010058946	468,45
33	1000	30.6	12		010058890	579,00
33	1000	30.6	6		010058952	579,00
33	1100	33.3	6	113	010059233	742,25
33	1100	33.3	12	113	010059237	742,25
33	1200	36.7	6	135	010059234	886,65
33	1200	36.7	12	135	010059238	886,65

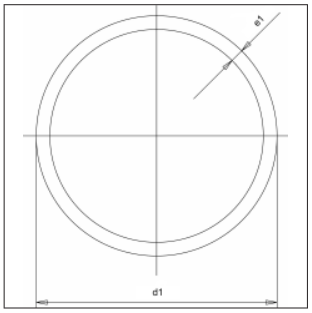
PE 100 RC Pressure pipes for drinking water

(SDR 17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black with blue stripes

Dimensions
DIN 8074, DIN EN 12201, standard length 12 m, other lengths on request

Remark
PE 100 RC pipe type1 acc. to PAS 1075

Art.code: PE0100-RC—RO—EX—TRW-ST2SW09500— **0102**

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	20	2.0	16	12	0.12	010015841	1,05
11	25	2.3	16	12	0.17	010015842	1,30
11	32	3.0	16	12	0.28	010015843	1,90
11	40	3.7	16	12	0.43	010015844	2,80
11	50	4.6	16	12	0.67	010015845	4,05
11	63	5.8	16	12	1.06	010015846	6,30
11	75	6.8	16	12	1.48	010015847	9,30
11	90	8.2	16	12	2.14	010015848	12,60
11	110	10.0	16	12	3.18	010015849	17,20
11	125	11.4	16	12	4.12	010015850	23,15
11	140	12.7	16	12	5.13	010015851	31,65
11	160	14.6	16	12	6.74	010015852	37,80
11	180	16.4	16	12	8.51	010015853	50,75
11	200	18.2	16	12	10.5	010015854	66,80
11	225	20.5	16	12	13.3	010015855	80,00
11	250	22.7	16	12	16.3	010015856	98,95
11	280	25.4	16	12	20.5	010015857	123,65
11	315	28.6	16	12	25.9	010015858	156,85
11	355	32.2	16	12	32.9	010015859	198,90
11	400	36.3	16	12	41.7	010015860	252,50
11	450	40.9	16	12	52.8	010015861	312,35
11	500	45.4	16	12	65.2	010015862	395,45
11	560	50.8	16	12	81.7	010015863	496,45
11	630	57.2	16	12	103	010015864	627,40
11	710	64.5	16	12	131	010033933	845,95
11	800	72.6	16	12	167	010033934	1.071,10
11	900	81.8	16	12	211	010033935	1.363,25
11	1000	90.9	16	12	261	010033936	1.679,70
17	32	2.0	10	12	0.2	010015917	1,45
17	40	2.4	10	12	0.3	010015918	2,00
17	50	3.0	10	12	0.46	010015919	2,80
17	63	3.8	10	12	0.73	010015920	4,15
17	75	4.5	10	12	1.03	010015921	6,15
17	90	5.4	10	12	1.47	010015922	8,45
17	110	6.6	10	12	2.19	010015923	11,45
17	125	7.4	10	12	2.79	010015924	15,85
17	140	8.3	10	12	3.5	010015925	19,45
17	160	9.5	10	12	4.57	010015926	23,80
17	180	10.7	10	12	5.77	010015927	34,50
17	200	11.9	10	12	7.12	010015928	41,70
17	225	13.4	10	12	9.03	010015929	49,10
17	250	14.8	10	12	11.1	010015930	69,55
17	280	16.6	10	12	13.9	010015931	79,50
17	315	18.7	10	12	17.6	010015932	100,40
17	355	21.1	10	12	22.4	010015933	139,20
17	400	23.7	10	12	28.3	010015934	183,80
17	450	26.7	10	12	35.8	010015935	203,55
17	500	29.7	10	12	44.2	010015936	256,50

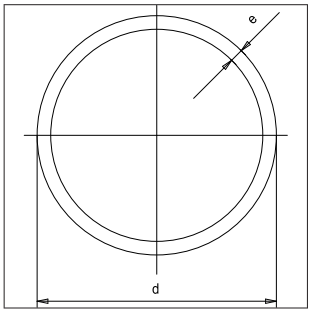
PE 100 RC Pressure pipes for drinking water

(SDR 17/11)

1.1 Art.code: PE0100-RC—RO—EX—TRW-ST2SW09500— 0102

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
17	560	33.2	10	12	55.4	010015937	321,40
17	630	37.4	10	12	70.2	010015938	407,15
17	710	42.1	10	12	89	010015939	523,45
17	800	47.4	10	12	113	010015940	663,55
17	900	53.3	10	12	143	010015941	840,30
17	1000	59.3	10	12	176	010015942	1.031,80
17	1100	64.7	10	12	212	010015943	1.244,10
17	1200	70.6	10	12	254	010015944	1.489,40

PE 100 RC Pressure pipes for Waste water (SDR 17/11)



Material
PE 100 RC

Colour
black with brown stripes

Dimensions
DIN 8074, DIN EN 12201, standard length 12 m, other lengths on request

Remark
PE 100 RC pipe type1 acc. to PAS 1075

Art.code: PE0100-RC—RO—EX—ABW-ST3SW09500— 0102

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	20	2.0	16	12	0.12	010015997	1,05
11	25	2.3	16	12	0.17	010015998	1,30
11	32	3.0	16	12	0.28	010015999	1,90
11	40	3.7	16	12	0.43	010016000	2,80
11	50	4.6	16	12	0.67	010016001	4,05
11	63	5.8	16	12	1.06	010016002	6,30
11	75	6.8	16	12	1.48	010016003	9,30
11	90	8.2	16	12	2.14	010016004	12,60
11	110	10.0	16	12	3.18	010016005	17,20
11	125	11.4	16	12	4.12	010016006	23,15
11	140	12.7	16	12	5.13	010016007	31,65
11	160	14.6	16	12	6.74	010016008	37,80
11	180	16.4	16	12	8.51	010016009	50,75
11	200	18.2	16	12	10.5	010016010	66,80
11	225	20.5	16	12	13.3	010016011	80,00
11	250	22.7	16	12	16.3	010016012	98,95
11	280	25.4	16	12	20.5	010016013	123,65
11	315	28.6	16	12	25.9	010016014	156,85
11	355	32.2	16	12	32.9	010016015	198,90
11	400	36.3	16	12	41.7	010016016	252,50
11	450	40.9	16	12	52.8	010016017	312,35
11	500	45.4	16	12	65.2	010016018	395,45
11	560	50.8	16	12	81.7	010016019	496,45
11	630	57.2	16	12	103	010016020	627,40
17	32	2.0	10	12	0.2	010016073	1,45
17	40	2.4	10	12	0.3	010016074	2,00
17	50	3.0	10	12	0.46	010016075	2,80
17	63	3.8	10	12	0.73	010016076	4,15
17	75	4.5	10	12	1.03	010016077	6,15
17	90	5.4	10	12	1.47	010016078	8,45
17	110	6.6	10	12	2.19	010016079	11,45
17	125	7.4	10	12	2.79	010016080	15,85
17	140	8.3	10	12	3.5	010016081	19,45
17	160	9.5	10	12	4.57	010016082	23,80
17	180	10.7	10	12	5.77	010016083	34,50
17	200	11.9	10	12	7.12	010016084	41,70
17	225	13.4	10	12	9.03	010016085	49,10
17	250	14.8	10	12	11.1	010016086	69,55
17	280	16.6	10	12	13.9	010016087	79,50
17	315	18.7	10	12	17.6	010016088	100,40
17	355	21.1	10	12	22.4	010016089	139,20
17	400	23.7	10	12	28.3	010016090	183,80
17	450	26.7	10	12	35.8	010016091	203,55
17	500	29.7	10	12	44.2	010016092	256,50
17	560	33.2	10	12	55.4	010016093	321,40
17	630	37.4	10	12	70.2	010016094	407,15
17	710	42.1	10	12	89	010016095	523,45
17	800	47.4	10	12	113	010016096	663,55
17	900	53.3	10	12	143	010016097	840,30
17	1000	59.3	10	12	176	010016098	1.031,80

PE 100 RC Pressure pipes for Waste water (SDR 17/11)

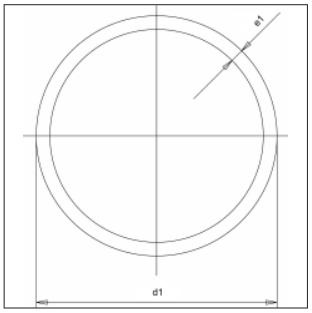
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1.1 Art.code: PE0100-RC—RO—EX—ABW-ST3SW09500— 0102

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
17	1100	64.7	10	12	212	010016099	1.244,10
17	1200	70.6	10	12	254	010016100	1.489,40

PE 100 Coils for drinking water (SDR 17/11)

SIMONA



Material
PE 100

Colour
black with blue stripes

Dimensions
DIN 8074, DIN EN 12201, standard length 100 m

Remark
RC materials type 1 acc. to PAS 1075 on request

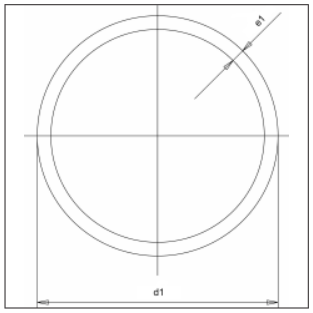
Art.code: PE0100——R0RB-EX—TRW-ST2SW09500— **0103**

SDR	d (mm)	di (mm)	e (mm)	b (mm)	Da (mm)	DN (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	20	650	2.0	170	900	15	16	100	0.12	010003137	1,05
11	25	650	2.3	200	1000	20	16	100	0.17	010003138	1,30
11	32	900	3.0	250	1200	25	16	100	0.28	010003139	1,90
11	40	900	3.7	300	1350	32	16	100	0.43	010003140	2,80
11	50	1000	4.6	330	1550	40	16	100	0.67	010003141	4,05
11	63	1400	5.8	350	1950	50	16	100	1.06	010003142	6,30
11	75	1900	6.8	420	2550	65	16	100	1.48	010003143	9,30
11	90	2000	8.2	600	2600	80	16	100	2.14	010003144	12,60
11	110	2200	10.0	770	2900	100	16	100	3.18	010003145	17,20
11	125	2200	11.4	820	3000	100	16	100	4.12	010003146	23,15
11	160	2000	14.6	1100	3000	125	16	100	6.74	010003147	37,80
11	180	2000	16.4	1150	3100	150	16	100	8.51	010003148	50,75
17	32	900	1.9	250	1200	25	10	100	0.2	010003149	1,45
17	40	900	2.4	300	1350	32	10	100	0.3	010003150	2,00
17	50	1000	3.0	330	1550	40	10	100	0.46	010003151	2,80
17	63	1400	3.8	350	1950	50	10	100	0.73	010003152	4,15
17	75	1900	4.5	420	2550	65	10	100	1.03	010003153	6,15
17	90	2000	5.4	600	2600	80	10	100	1.47	010003154	8,45
17	110	2200	6.6	820	3000	100	10	100	2.19	010003155	11,45

PE 100 Coils for waste water (SDR 17/11)

SIMONA

1.1



Material
PE 100

Colour
black with brown stripes

Dimensions
DIN 8074, DIN EN 12201, standard length 100 m

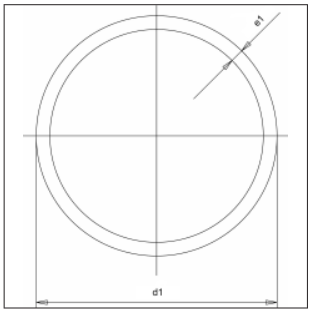
Remark
RC materials type 1 acc. to PAS 1075 on request

Art.code: PE0100—–RORB-EX—ABW-ST3SW09500— **0103**

SDR	d (mm)	di (mm)	e (mm)	b (mm)	Da (mm)	DN (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	20	650	2.0	170	900	15	16	100	0.12	010001666	1,05
11	25	650	2.3	200	1000	20	16	100	0.17	010001667	1,30
11	32	900	3.0	250	1200	25	16	100	0.28	010001668	1,90
11	40	900	3.7	300	1350	32	16	100	0.43	010001669	2,80
11	50	1000	4.6	330	1550	40	16	100	0.67	010001670	4,05
11	63	1400	5.8	350	1950	50	16	100	1.06	010001671	6,30
11	75	1900	6.8	420	2550	65	16	100	1.48	010001672	9,30
11	90	2000	8.2	600	2600	80	16	100	2.14	010001673	12,60
11	110	2200	10.0	770	2900	100	16	100	3.18	010001674	17,20
11	125	2200	11.4	820	3000	100	16	100	4.12	010001675	23,15
11	160	2000	14.6	1100	3000	125	16	100	6.74	010001677	37,80
11	180	2000	16.4	1150	3100	150	16	100	8.51	010001678	50,75
17	32	900	1.9	250	1200	25	10	100	0.19	010002870	1,45
17	40	900	2.4	300	1350	32	10	100	0.3	010001680	2,00
17	50	1000	3.0	330	1550	40	10	100	0.46	010001681	2,80
17	63	1400	3.8	350	1950	50	10	100	0.73	010001682	4,15
17	75	1900	4.5	420	2550	65	10	100	1.03	010001683	6,15
17	90	2000	5.4	600	2600	80	10	100	1.47	010001684	8,45
17	110	2200	6.6	770	2900	100	10	100	2.19	010001685	11,45

PE 100 RCline Coex Pressure pipe for drinking water

(SDR 17/11)



Material
PE 100 RC

Colour
Inner pipe black with functional outer skin in blue

Dimensions
DIN 8074, DIN EN 12201, standard length 12 m, other lengths on request

Remark
PE 100 RC pipe type 2 acc. to PAS 1075

Art.code: PE0100-RC—RO—CX10%ATRW—BL09506— **0104**

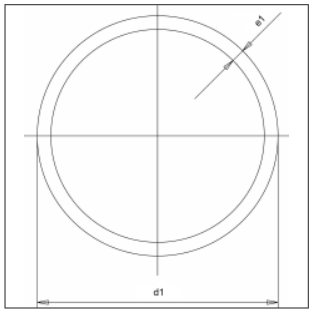
SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	32	3.0	16	12	0.28	010026604	1,90
11	40	3.7	16	12	0.43	010026605	2,80
11	50	4.6	16	12	0.67	010026606	4,05
11	63	5.8	16	12	1.06	010026607	6,30
11	75	6.8	16	12	1.48	010026608	9,30
11	90	8.2	16	12	2.14	010018918	12,60
11	110	10.0	16	12	3.18	010018919	17,20
11	125	11.4	16	12	4.12	010018920	23,15
11	140	12.7	16	12	5.13	010018921	31,65
11	160	14.6	16	12	6.74	010018922	37,80
11	180	16.4	16	12	8.51	010018923	50,75
11	200	18.2	16	12	10.5	010018924	66,80
11	225	20.5	16	12	13.3	010018925	80,00
11	250	22.7	16	12	16.3	010018926	98,95
11	280	25.4	16	12	20.5	010018927	123,65
11	315	28.6	16	12	25.9	010018928	156,85
11	355	32.2	16	12	32.9	010018929	198,90
11	400	36.3	16	12	41.7	010018930	252,50
11	450	40.9	16	12	52.8	010018931	312,35
11	500	45.4	16	12	65.2	010018932	395,45
11	560	50.8	16	12	81.7	010018933	496,45
11	630	57.2	16	12	103	010018934	627,40
11	710	64.5	16	12	131	010051853	*
11	800	72.6	16	12	2004	010051855	*
17	32	2.0	10	12	0.2	010026609	1,45
17	40	2.4	10	12	0.3	010026610	2,00
17	50	3.0	10	12	0.46	010026611	2,80
17	63	3.8	10	12	0.73	010026612	4,15
17	75	4.5	10	12	1.03	010026613	6,15
17	90	5.4	10	12	1.47	010018952	8,45
17	110	6.6	10	12	2.19	010018953	11,45
17	125	7.4	10	12	2.79	010018954	15,85
17	140	8.3	10	12	3.5	010018955	19,45
17	160	9.5	10	12	4.57	010018956	23,80
17	180	10.7	10	12	5.77	010018957	34,50
17	200	11.9	10	12	7.12	010018958	41,70
17	225	13.4	10	12	9.03	010018959	49,10
17	250	14.8	10	12	11.1	010018960	69,55
17	280	16.6	10	12	13.9	010018961	79,50
17	315	18.7	10	12	17.6	010018962	100,40
17	355	21.1	10	12	22.4	010018963	139,20
17	400	23.7	10	12	28.3	010018964	183,80
17	450	26.7	10	12	35.8	010018965	203,55
17	500	29.7	10	12	44.2	010018966	256,50
17	560	33.2	10	12	55.4	010018967	321,40
17	630	37.4	10	12	70.2	010018968	407,15
17	710	42.1	10	12	89	010046378	*
17	800	47.4	10	12	1356	010051854	*

* on request

PE 100 RCline Coex Waste water pressure pipes

(SDR 17/11)

1.1



Material
PE 100 RC

Colour
Inner pipe black with functional outer skin in brown

Dimensions
DIN 8074, DIN EN 12201, standard length 12 m, other lengths on request

Remark
PE 100 RC pipe type 2 acc. to PAS 1075

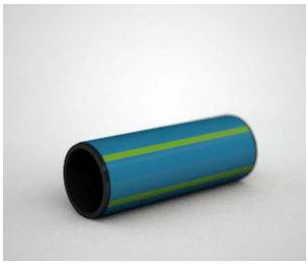
Art.code: PE0100-RC—RO—CX10%AABW—BR09505— **0104**

SDR	d (mm)	e (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	32	3.0	12	0.28	010026624	1,90
11	40	3.7	12	0.43	010026625	2,80
11	50	4.6	12	0.67	010026626	4,05
11	63	5.8	12	1.06	010026627	6,30
11	75	6.8	12	1.48	010026628	9,30
11	90	8.2	12	2.14	010018986	12,60
11	110	10.0	12	3.18	010018987	17,20
11	125	11.4	12	4.12	010018988	23,15
11	140	12.7	12	5.13	010018989	31,65
11	160	14.6	12	6.74	010018990	37,80
11	180	16.4	12	8.51	010018991	50,75
11	200	18.2	12	10.5	010018992	66,80
11	225	20.5	12	13.3	010018993	80,00
11	250	22.7	12	16.3	010018994	98,95
11	280	25.4	12	20.5	010018995	123,65
11	315	28.6	12	25.9	010018996	156,85
11	355	32.2	12	32.9	010018997	198,90
11	400	36.3	12	41.7	010018998	252,50
11	450	40.9	12	52.8	010018999	312,35
11	500	45.4	12	65.2	010019000	395,45
11	560	50.8	12	81.7	010019001	496,45
11	630	57.2	12	103	010019002	627,40
11	710	64.5	12	131	010051856	*
11	800	72.6	12	167	010051900	*
17	32	2.0	12	0.2	010026629	1,45
17	40	2.4	12	0.3	010026630	2,00
17	50	3.0	12	0.46	010026631	2,80
17	63	3.8	12	0.73	010026632	4,15
17	75	4.5	12	1.03	010026633	6,15
17	90	5.4	12	1.47	010019020	8,45
17	110	6.6	12	2.19	010019021	11,45
17	125	7.4	12	2.79	010019022	15,85
17	140	8.3	12	3.5	010019023	19,45
17	160	9.5	12	4.57	010019024	23,80
17	180	10.7	12	5.77	010019025	34,50
17	200	11.9	12	7.12	010019026	41,70
17	225	13.4	12	9.03	010019027	49,10
17	250	14.8	12	11.1	010019028	69,55
17	280	16.6	12	13.9	010019029	79,50
17	315	18.7	12	17.6	010019030	100,40
17	355	21.1	12	22.4	010019031	139,20
17	400	23.7	12	28.3	010019032	183,80
17	450	26.7	12	35.8	010019033	203,55
17	500	29.7	12	44.2	010019034	256,50
17	560	33.2	12	55.4	010019035	321,40
17	630	37.4	12	70.2	010019036	407,15
17	710	42.1	12	89	010048470	*
17	800	47.4	12	113	010051857	*

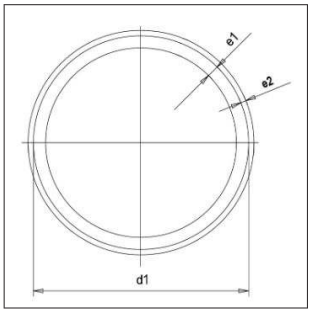
* on request

PE 100 SPC-RC CX Drinking water pressure pipes

(SDR 17/11)



Product image for illustration purposes only.



Material
Inner pipe PE 100 RC and protective jacket made of modified PP with green stripes

Colour
Inner pipe: black Protective jacket: blue with green stripes

Dimensions
DIN 8074, DIN EN 12201, standard length 12 m, other lengths on request

Remark
PE 100 RC pipe type 3 acc. to PAS 1075, High bond of protective jacket >5 N/mm²

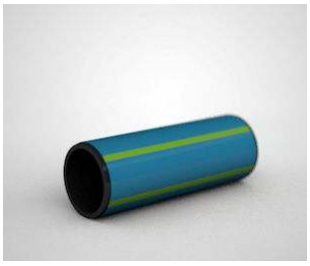
Art.code: PE0100-RC—RO—CXSPCTRW-ST4BL09506— **0105**

SDR	d (mm)	e (mm)	e2 (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	32	3.0	1	12	0.44	010026644	3,25
11	40	3.7	1	12	0.63	010026645	4,65
11	50	4.6	1	12	0.92	010026646	6,80
11	63	5.8	1	12	1.37	010026647	10,15
11	75	6.8	1	12	1.85	010026648	13,70
11	90	8.2	1.5	12	2.57	010016206	19,05
11	110	10.0	1.5	12	3.71	010016207	27,50
11	125	11.4	1.5	12	4.71	010016208	34,90
11	140	12.7	1.5	12	5.81	010016209	43,00
11	160	14.6	2	12	7.75	010016210	57,35
11	180	16.4	2	12	9.65	010016211	71,40
11	200	18.2	2	12	11.8	010016212	87,30
11	225	20.5	2	12	14.9	010016213	110,30
11	250	22.7	2	12	18.1	010016214	133,95
11	280	25.4	2	12	22.5	010016215	166,55
11	315	28.6	2.5	12	28.6	010016216	211,65
11	355	32.2	2.5	12	35.9	010016217	265,70
11	400	36.3	2.5	12	45.1	010016218	333,75
11	450	40.9	2.5	12	57.1	010016219	422,55
11	500	45.4	2.5	12	69.9	010016220	517,30
11	560	50.8	2.5	12	87	010016221	643,80
11	630	57.2	2.5	12	109	010016222	806,65
17	32	2.0	1	12	0.36	010026649	2,65
17	40	2.4	1	12	0.49	010026650	3,60
17	50	3.0	1	12	0.7	010026651	5,25
17	63	3.8	1	12	1.04	010026652	7,70
17	75	4.5	1	12	1.38	010026653	10,20
17	90	5.4	1.5	12	1.9	010016189	14,10
17	110	6.6	1.5	12	2.72	010016190	20,15
17	125	7.4	1.5	12	3.38	010016191	25,00
17	140	8.3	1.5	12	4.16	010016192	30,80
17	160	9.5	2	12	5.59	010016193	41,35
17	180	10.7	2	12	6.92	010016194	51,25
17	200	11.9	2	12	8.39	010016195	62,10
17	225	13.4	2	12	10.7	010016196	79,20
17	250	14.8	2	12	12.9	010016197	95,50
17	280	16.6	2	12	15.9	010016198	117,70
17	315	18.7	2.5	12	20.3	010016199	150,25
17	355	21.1	2.5	12	25.4	010016200	187,95
17	400	23.7	2.5	12	31.7	010016201	234,60
17	450	26.7	2.5	12	40.1	010016202	296,75
17	500	29.7	2.5	12	49	010016203	362,60
17	560	33.2	2.5	12	60.7	010016204	449,20
17	630	37.4	2.5	12	76.2	010016205	563,90

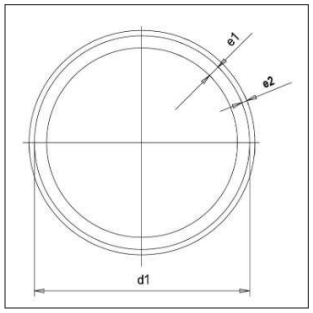
PE 100 SPC-RC AX drinking water pressure pipes

(SDR 17/11)

1.1



Product image for illustration purposes only.



Material
Inner pipe PE 100 RC and protective jacket made of modified PP with green stripes

Colour
Inner pipe: black Protective jacket: blue with green stripes

Dimensions
DIN 8074, DIN EN 12201, standard length 12 m, other lengths on request

Remark
PE 100 RC pipe type 3 acc. to PAS 1075

Art.code: PE0100-RC—RO—AXSPCTRW-ST4BL09506— **0105**

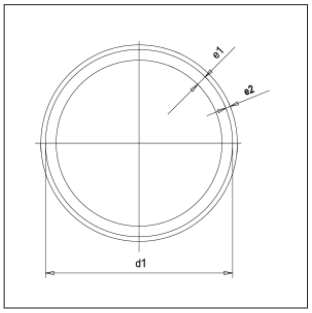
SDR	d (mm)	e (mm)	e2 (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	110	10.0	1.5	12	3.71	010039486	27,50
11	125	11.4	1.5	12	4.71	010039487	34,90
11	140	12.7	1.5	12	5.81	010039488	43,00
11	160	14.6	2	12	7.75	010039489	57,35
11	180	16.4	2	12	9.65	010039490	71,40
11	200	18.2	2	12	11.8	010039491	87,30
11	225	20.5	2	12	14.9	010039492	110,30
11	250	22.7	2	12	18.1	010039493	133,95
11	280	25.4	2	12	22.5	010039494	166,55
11	315	28.6	2.5	12	28.6	010039495	211,65
11	355	32.2	2.5	12	35.9	010039496	265,70
11	400	36.3	2.5	12	45.1	010039497	333,75
11	450	40.9	2.5	12	57.1	010039498	422,55
11	500	45.4	2.5	12	69.9	010039499	517,30
11	560	50.8	2.5	12	87	010039500	643,80
11	630	57.2	2.5	12	109	010039501	806,65
11	710	64.5	3.5	12	139	010039575	1.028,65
11	800	72.6	4	12	176	010039577	1.302,45
17	110	6.6	1.5	12	2.72	010039470	20,15
17	125	7.4	1.5	12	3.38	010039471	25,00
17	140	8.3	1.5	12	4.16	010039472	30,80
17	160	9.5	2	12	5.59	010039473	41,35
17	180	10.7	2	12	6.92	010039474	51,25
17	200	11.9	2	12	8.39	010039475	62,10
17	225	13.4	2	12	10.7	010039476	79,20
17	250	14.8	2	12	12.9	010039477	95,50
17	280	16.6	2	12	15.9	010039478	117,70
17	315	18.7	2.5	12	20.3	010039479	150,25
17	355	21.1	2.5	12	25.4	010039480	187,95
17	400	23.7	2.5	12	31.7	010039481	234,60
17	450	26.7	2.5	12	40.1	010039482	296,75
17	500	29.7	2.5	12	49	010039483	362,60
17	560	33.2	2.5	12	60.7	010039484	449,20
17	630	37.4	2.5	12	76.2	010039485	563,90
17	710	42.1	3.5	12	96.8	010039574	716,30
17	800	47.4	4	12	122	010039576	902,85
17	900	53.3	4.5	12	154	010039578	1.139,65
17	1000	59.3	5	12	189	010039579	1.398,65

PE 100 PE 100 SPC-RC CX Waste water pressure pipes (SDR 17/11)

SIMONA



Product image for illustration purposes only.



Material
Inner pipe PE 100 RC and protective jacket made of modified PP with green stripes

Colour
Inner pipe: black Protective jacket: brown with green stripes

Dimensions
DIN 8074, DIN EN 12201, standard length 12 m, other lengths on request

Remark
PE 100 RC pipe type 3 acc. to PAS 1075, High bond of protective jacket >5 N/mm², Pipes with a light inner surface on request

Art.code: PE0100-RC—RO—CXSPCABW-ST4BR09505— **0105**

SDR	d (mm)	e (mm)	e2 (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	32	3.0	1	12	0.44	010026664	3,25
11	40	3.7	1	12	0.63	010026665	4,65
11	50	4.6	1	12	0.92	010026666	6,80
11	63	5.8	1	12	1.37	010026667	10,15
11	75	6.8	1	12	1.85	010026668	13,70
11	90	8.2	1.5	12	2.57	010018867	19,05
11	110	10.0	1.5	12	3.71	010018868	27,50
11	125	11.4	1.5	12	4.71	010018869	34,90
11	140	12.7	1.5	12	5.81	010018870	43,00
11	160	14.6	2	12	7.75	010018871	57,35
11	180	16.4	2	12	9.65	010018872	71,40
11	200	18.2	2	12	11.8	010018873	87,30
11	225	20.5	2	12	14.9	010018874	110,30
11	250	22.7	2	12	18.1	010018875	133,95
11	280	25.4	2	12	22.5	010018876	166,55
11	315	28.6	2.5	12	28.6	010018877	211,65
11	355	32.2	2.5	12	35.9	010018878	265,70
11	400	36.3	2.5	12	45.1	010018879	333,75
11	450	40.9	2.5	12	57.1	010018880	422,55
11	500	45.4	2.5	12	69.9	010018881	517,30
11	560	50.8	2.5	12	87	010018882	643,80
11	630	57.2	2.5	12	109	010018883	806,65
17	32	2.0	1	12	0.36	010026669	2,65
17	40	2.4	1	12	0.49	010026670	3,60
17	50	3.0	1	12	0.7	010026671	5,25
17	63	3.8	1	12	1.04	010026672	7,70
17	75	4.5	1	12	1.38	010026673	10,20
17	90	5.4	1.5	12	1.9	010018835	14,10
17	110	6.6	1.5	12	2.72	010018836	20,15
17	125	7.4	1.5	12	3.38	010018837	25,00
17	140	8.3	1.5	12	4.16	010018838	30,80
17	160	9.5	2	12	5.59	010018839	41,35
17	180	10.7	2	12	6.92	010018840	51,25
17	200	11.9	2	12	8.39	010018841	62,10
17	225	13.4	2	12	10.7	010018842	79,20
17	250	14.8	2	12	12.9	010018843	95,50
17	280	16.6	2	12	15.9	010018844	117,70
17	315	18.7	2.5	12	20.3	010018845	150,25
17	355	21.1	2.5	12	25.4	010019040	187,95
17	400	23.7	2.5	12	31.7	010018846	234,60
17	450	26.7	2.5	12	40.1	010019041	296,75
17	500	29.7	2.5	12	49	010018847	362,60
17	560	33.2	2.5	12	60.7	010018848	449,20
17	630	37.4	2.5	12	76.2	010018849	563,90

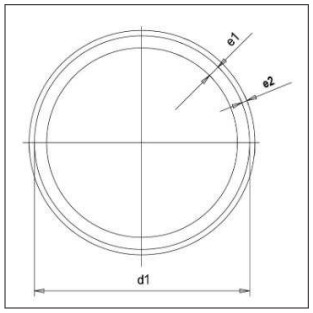
PE 100 SPC-RC AX Waste water pressure pipes

(SDR 17/11)

1.1



Product image for illustration purposes only.



Material
Inner pipe PE 100 RC and protective jacket made of modified PP with green stripes

Colour
Inner pipe: black Protective jacket: brown with green stripes

Dimensions
DIN 8074, DIN EN 12201, standard length 12 m, other lengths on request

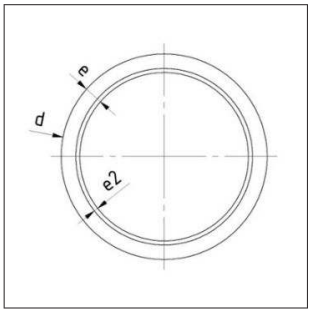
Remark
PE 100 RC pipe type 3 acc. to PAS 1075

Art.code: PE0100-RC—RO—AXSPCABW-ST4BR09505— **0105**

SDR	d (mm)	e (mm)	e2 (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	110	10.0	1.5	12	3.71	010039532	27,50
11	125	11.4	1.5	12	4.71	010039533	34,90
11	140	12.7	1.5	12	5.81	010039534	43,00
11	160	14.6	2	12	7.75	010039535	57,35
11	180	16.4	2	12	9.65	010039536	71,40
11	200	18.2	2	12	11.8	010039537	87,30
11	225	20.5	2	12	14.9	010039538	110,30
11	250	22.7	2	12	18.1	010039539	133,95
11	280	25.4	2	12	22.5	010039540	166,55
11	315	28.6	2.5	12	28.6	010039541	211,65
11	355	32.2	2.5	12	35.9	010039542	265,70
11	400	36.3	2.5	12	45.1	010039543	333,75
11	450	40.9	2.5	12	57.1	010039544	422,55
11	500	45.4	2.5	12	69.9	010039545	517,30
11	560	50.8	2.5	12	87	010039546	643,80
11	630	57.2	2.5	12	109	010039547	806,65
11	710	64.5	3.5	12	139	010039587	1.028,65
11	800	72.6	4	12	176	010039589	1.302,45
17	110	6.6	1.5	12	2.72	010039502	20,15
17	125	7.4	1.5	12	3.38	010039503	25,00
17	140	8.3	1.5	12	4.16	010039504	30,80
17	160	9.5	2	12	5.59	010039505	41,35
17	180	10.7	2	12	6.92	010039506	51,25
17	200	11.9	2	12	8.39	010039507	62,10
17	225	13.4	2	12	10.7	010039508	79,20
17	250	14.8	2	12	12.9	010039509	95,50
17	280	16.6	2	12	15.9	010039510	117,70
17	315	18.7	2.5	12	20.3	010039511	150,25
17	355	21.1	2.5	12	25.4	010039564	187,95
17	400	23.7	2.5	12	31.7	010039512	234,60
17	450	26.7	2.5	12	40.1	010039565	296,75
17	500	29.7	2.5	12	49	010039513	362,60
17	560	33.2	2.5	12	60.7	010039514	449,20
17	630	37.4	2.5	12	76.2	010039515	563,90
17	710	42.1	3.5	12	96.8	010039586	716,30
17	800	47.4	4	12	122	010039588	902,85
17	900	53.3	4.5	12	154	010039590	1.139,65
17	1000	59.3	5	12	189	010039591	1.398,65

PE 100 CoEx Sewer pipes (SDR 26/17/11)

SIMONA



Material
PE 100

Colour
light grey with black UV protective layer

Dimensions
DIN 8074, DIN EN 12666, standard length 6 m

Art.code: PE0100——R0—CX3,0I——GR09504— **0106**

SDR	d (mm)	e (mm)	e2 (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	160	14.6	3	16	6	6.74	010058067	*
11	180	16.4	3	16	6	8.51	010058068	*
11	200	18.2	3	16	6	10.5	010058071	*
11	315	28.6	3	16	6	25.9	010058073	*
11	400	36.3	4	16	6	41.7	010058077	*
11	450	40.9	4	16	6	52.8	010058078	*
11	500	45.4	4	16	6	65.2	010058079	*
11	560	50.8	4	16	6	81.7	010058080	*
11	630	57.2	4	16	6	103	010058081	*
17	160	9.5	3	10	6	4.57	**010035307**	22,60
17	180	10.7	3	10	6	5.77	010035308	34,50
17	200	11.9	3	10	6	7.12	010035309	42,40
17	225	13.4	3	10	6	9.03	**010035310**	49,10
17	250	14.8	3	10	6	11.1	010035311	64,35
17	280	16.6	3	10	6	13.9	**010035312**	79,50
17	315	18.7	3	10	6	17.6	**010035313**	100,40
17	355	21.1	4	10	6	22.4	**010035318**	128,80
17	400	23.7	4	10	6	28.3	010035319	163,75
17	450	26.7	4	10	6	35.8	**010035320**	206,50
17	500	29.7	4	10	6	44.2	010035321	255,85
17	560	33.2	4	10	6	55.4	**010035322**	319,00
17	630	37.4	4	10	6	70.2	**010035323**	404,50
26	160	6.2	3	6.3	6	3.08	010026817	*
26	180	6.9	3	6.3	6	3.83	010058069	*
26	200	7.7	3	6.3	6	4.74	010058070	*
26	225	8.6	3	6.3	6	5.96	010058072	*
26	250	9.6	3	6.3	6	7.38	010026818	*
26	280	10.7	3	6.3	6	9.2	010026804	58,65
26	315	12.1	3	6.3	6	11.7	010026797	68,50
26	355	13.6	4	6.3	6	14.8	010032836	89,10
26	400	15.3	4	6.3	6	18.8	010032837	113,20
26	450	17.2	4	6.3	6	23.7	010032838	142,65
26	500	19.1	4	6.3	6	29.2	010037245	181,90
26	560	21.4	4	6.3	6	36.6	010032839	220,30
26	630	24.1	4	6.3	6	46.4	010032840	279,30

* on request

1.2.1 PE 100 Fittings with short spigots

PE 100 RC Bends 90°, injected 34

PE 100 RC Stub flanges for loose flange ISO/DIN, injected 36

PE 100 RC Stub flanges for loose flange ISO/DIN, with chamfer, injected 38

PE 100 Stub flanges for loose flange ISO/DIN, machined 39

PE 100 RC Stub flanges for loose flange ANSI, injected 40

PE 100 Stub flanges for loose flange ANSI, machined 41

PE 100 RC Tees, injected 42

PE 100 RC Tees with reduced branch, injected 44

PE 100 RC Reducers concentric, injected 45

PE 100 Reducers concentric, machined 48

PE 100 Reducers excentric, machined 50

PE 100 End caps, machined 53

PE 100 Fixing points for pipe clamps 54

PE 100 RC Safety Intelligence Flange connections, short, Rilsan 55

PE 100 Special flange connections, with round holes, EPDM seal and plastic coated Flange 56

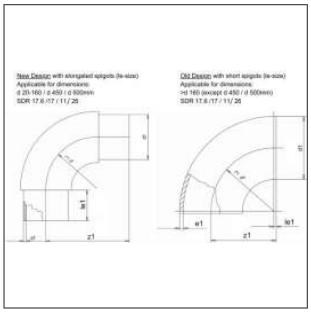
PE 100 RC Bends 90°, injected (SDR 33/26/17.6/17/11)

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1.2.1



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected (r ~ d), for butt welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3

PE 100 RC inside

Art.code: PE0100—BO-90-KS-FG—SW09500— **0120**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
11	20	2.0	90	18	38	0.009	**010100537**	7,90
11	25	2.3	90	18	43	0.013	**010100538**	8,00
11	32	3.0	90	22	53	0.030	**010100539**	8,60
11	40	3.7	90	22	61	0.055	**010100540**	10,75
11	50	4.6	90	22	72	0.101	**010100541**	13,20
11	63	5.8	90	22	86	0.196	**010100542**	18,40
11	75	6.8	90	22	98	0.309	**010100543**	24,95
11	90	8.2	90	25	113	0.512	**010100544**	35,20
11	110	10.0	90	28	138	0.938	**010100545**	65,70
11	125	11.4	90	32	157	1.350	**010100546**	92,35
11	140	12.7	90	35	175	1.845	**010100547**	123,40
11	160	14.6	90	40	200	2.200	**010100548**	150,30
11	180	16.4	90	10	183	2.585	**010100549**	177,75
11	200	18.2	90	15	205	3.600	**010100550**	264,20
11	225	20.5	90	15	235	5.055	**010100551**	316,50
11	250	22.7	90	10	260	6.830	**010100552**	604,85
11	280	25.4	90	10	290	9.260	**010100553**	793,40
11	315	28.6	90	15	322	13.445	**010100554**	1.092,70
11	355	32.2	90	30	380	20.825	**010100555**	1.839,70
11	400	36.3	90	35	430	30.214	**010100556**	2.524,25
11	450	40.9	90	60	510	55.482	**010026783**	3.634,95
11	500	45.4	90	60	560	71.250	**010026785**	4.725,50
17	50	3.0	90	22	72	0.075	**010101903**	12,60
17	63	3.8	90	22	86	0.143	**010101904**	17,15
17	75	4.5	90	22	98	0.236	**010101905**	24,70
17	90	5.4	90	25	113	0.365	**010101906**	30,90
17	110	6.6	90	28	138	0.718	**010101908**	64,35
17	125	7.4	90	32	157	1.010	**010101910**	81,15
17	140	8.3	90	35	175	1.420	**010101912**	118,00
17	160	9.5	90	40	200	1.940	**010101914**	129,70
17	450	26.7	90	60	510	42.752	**010026784**	2.693,80
17	500	29.7	90	60	560	53.950	**010026786**	3.448,05
17.6	180	10.2	90	10	183	1.720	**010101916**	160,00
17.6	200	11.4	90	15	202	2.390	**010101918**	198,80
17.6	225	12.8	90	10	230	3.343	**010102017**	245,90
17.6	250	14.2	90	10	249	4.412	**010101921**	398,10
17.6	280	15.9	90	10	280	6.090	**010102018**	519,60
17.6	315	17.9	90	15	318	8.920	**010101924**	716,25
17.6	355	20.1	90	30	376	13.350	**010102037**	1.359,05
17.6	400	22.7	90	35	430	20.201	**010101926**	1.890,40
26	110	4.2	90	15	115	0.244	010042165	*
26	160	6.2	90	15	160	0.728	010042166	*
26	200	7.7	90	15	202	1.389	010042167	*
26	250	9.6	90	10	254	2.553	010042168	*
26	280	10.7	90	10	285	3.600	010042170	*
26	315	12.1	90	15	323	5.074	010042171	*

* on request

PE 100 RC Bends 90°, injected (SDR 33/26/17.6/17/11)

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Art.code: PE0100—BO-90-KS-FG—SW09500— 0120 1.2.1

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
26	355	13.6	90	30	376	7.800	010042172	*
26	400	15.3	90	35	430	11.807	010042173	*
33	110	3.4	90	15	115	0.215	**010101907**	49,55
33	125	3.9	90	15	140	0.340	010101909	64,35
33	140	4.3	90	10	150	0.460	010101911	83,10
33	160	4.9	90	15	160	0.745	**010101913**	101,55
33	180	5.5	90	20	200	1.240	010101915	125,30
33	200	6.2	90	15	205	1.307	**010101917**	154,10
33	225	6.9	90	20	245	2.240	010101919	189,25
33	250	7.7	90	10	254	2.439	**010101920**	234,55
33	280	8.6	90	30	290	4.440	010101922	332,45
33	315	9.7	90	15	325	5.020	**010101923**	359,80
33	355	10.9	90	40	340	9.000	010100557	1.027,60
33	400	12.3	90	45	345	11.180	**010101925**	1.437,10

* on request

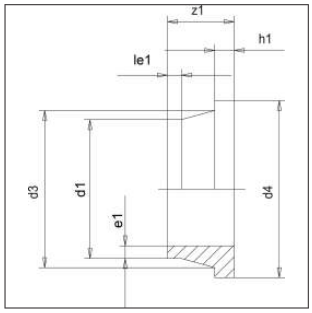
PE 100 RC Stub flanges for loose flange ISO/DIN, injected (SDR 33/26/17/11)

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1.2.1



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
Other SDR-series on request

PE 100 RC inside

Art.code: PE0100——VB—KS—FG–DN-SW09500— **0120**

SDR	d (mm)	e (mm)	d3 (mm)	d4 (mm)	le1 (mm)	z1 (mm)	h1 (mm)	Art. No.	€ / Stk
11	20	2.0	27	45	30	52	7	**010600341**	7,50
11	25	2.3	33	58	27	53	9	**010600342**	7,80
11	32	3.0	41	68	25	54	10	**010600343**	8,60
11	40	3.7	50	78	25	51	11	**010600344**	9,95
11	50	4.6	61	88	27	57	12	**010600345**	11,90
11	63	5.8	75	102	23	56	14	**010600346**	14,45
11	75	6.8	89	122	27	67	16	**010600347**	17,15
11	90	8.2	105	138	43	80	17	**010600348**	24,05
11	110	10.0	125	158	37	80	18	**010600349**	29,60
11	125	11.4	132	158	40	90	25	**010600350**	35,65
11	140	12.7	155	188	35	83	25	**010600351**	41,55
11	160	14.6	175	212	52	105	25	**010600352**	52,70
11	180	16.4	186	212	65	127	30	**010600147**	80,70
11	200	18.2	232	268	65	140	32	**010600353**	88,40
11	225	20.5	235	268	65	127	32	**010600354**	98,80
11	250	22.7	285	320	66	145	35	**010600148**	149,75
11	280	25.4	291	320	80	155	35	**010600355**	163,35
11	315	28.6	335	370	86	163	35	**010600356**	192,25
11	355	32.2	373	430	100	187	40	**010600151**	341,70
11	400	36.3	427	482	95	195	46	**010600154**	704,70
11	450	40.9	514	585	65	180	60	**010600357**	818,60
11	500	45.4	530	585	65	180	60	**010600358**	1.045,25
11	560	50.8	616	685	65	185	60	**010030721**	1.178,25
11	630	57.2	644	685	65	185	60	**010030722**	1.696,55
11	710	64.5	737	800	70	180	70	**010033917**	1.714,75
17	50	3.0	61	88	27	57	12	**010600319**	10,85
17	63	3.8	75	102	23	56	14	**010600320**	13,20
17	75	4.5	89	122	27	67	16	**010600321**	15,80
17	90	5.4	105	138	43	80	17	**010600322**	21,40
17	110	6.6	125	158	37	80	18	**010600323**	27,60
17	125	7.4	132	158	45	87	18	**010600324**	33,40
17	140	8.3	155	188	39	82	18	**010600325**	38,45
17	160	9.5	175	212	52	100	18	**010600326**	47,20
17	180	10.7	186	212	75	127	20	**010600327**	68,55
17	200	11.9	233	268	75	140	24	**010600328**	85,15
17	225	13.4	235	268	76	143	24	**010600329**	96,35
17	250	14.8	285	320	71	140	25	**010600330**	136,20
17	280	16.6	291	320	90	150	25	**010600331**	150,70
17	315	18.7	335	370	93	164	25	**010600332**	182,55
17	355	21.1	373	430	100	180	30	**010600150**	312,05
17	400	23.7	427	482	105	195	33	**010600153**	654,85
17	450	26.7	514	585	65	180	46	**010600333**	772,90
17	500	29.7	530	585	65	180	46	**010600334**	954,85

* on request
Execution in SDR 17, also for SDR 17,6

PE 100 RC Stub flanges for loose flange ISO/DIN, injected (SDR 33/26/17/11)

SIMONA

Art.code: PE0100—–VB—KS—FG—DN-SW09500—

0120 1.2.1

SDR	d (mm)	e (mm)	d3 (mm)	d4 (mm)	le1 (mm)	z1 (mm)	h1 (mm)	Art. No.	€ / Stk
17	560	33.2	615	685	65	185	50	**010600335**	977,00
17	630	37.4	642	685	65	185	50	**010600336**	1.163,95
17	710	42.1	737	800	65	160	50	**010033918**	1.499,35
17	800	47.4	840	905	60	150	54	**010030032**	1.877,50
17	900	53.3	944	1005	50	155	58	**010030033**	2.264,00
26	180	6.9	186	212	75	127	20	010600704	*
26	200	7.7	233	268	75	140	24	010036693	*
26	225	8.6	235	268	60	120	18	010600604	*
26	250	9.6	285	320	60	123	20	010033123	*
26	280	10.7	291	320	70	120	20	010600647	*
26	315	12.1	335	370	80	163	20	010600798	*
26	355	13.6	373	430	100	180	23	010600962	*
26	400	15.3	427	482	105	195	33	010033124	*
26	450	17.2	514	585	65	180	46	010600913	*
26	500	19.1	530	585	65	180	46	**010600882**	*
26	560	21.4	615	685	65	185	50	010033125	*
26	630	24.1	642	685	65	185	50	**010600653**	*
26	710	27.2	737	800	65	160	50	**010033919**	1.399,90
26	800	30.6	840	905	60	150	40	**010030034**	1.668,95
26	900	34.4	944	1005	50	155	43	010030035	1.986,40
33	110	3.4	125	158	37	83	18	**010600378**	27,60
33	125	3.9	132	158	44	87	18	**010600380**	33,25
33	140	4.3	155	188	35	83	18	010600382	38,35
33	160	4.9	175	212	52	100	18	**010600384**	47,20
33	180	5.5	186	212	62	84	18	010600385	68,55
33	200	6.2	232	268	60	121	18	**010600387**	82,10
33	225	6.9	235	268	65	121	18	**010600389**	92,05
33	250	7.7	285	320	60	119	20	**010600391**	129,55
33	280	8.6	291	320	71	118	20	**010600393**	139,25
33	315	9.7	335	370	86	165	20	**010600394**	168,90
33	355	10.9	373	430	100	180	23	**010600395**	284,50
33	400	12.3	427	482	100	195	26	**010600396**	613,65
33	450	13.8	514	585	65	180	46	010600397	720,75
33	500	15.3	530	585	65	180	46	**010600399**	877,75
33	560	17.2	615	685	65	185	50	010600401	913,95
33	630	19.3	642	685	65	185	50	**010600403**	1.048,50
33	710	21.8	737	800	65	160	50	010033920	1.258,95
33	800	24.5	840	905	60	150	36	010030036	1.540,35
33	900	27.6	944	1005	50	155	40	010030037	1.897,70

* on request
Execution in SDR 17, also for SDR 17,6

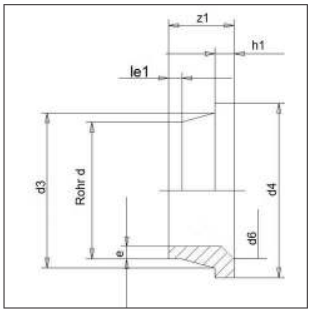
PE 100 RC Stub flanges for loose flange ISO/DIN, with chamfer, injected (SDR 11)

SIMONA

1.2.1



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
With turned chamfer (d_k on request) corresponding to valve disc exit dimensions; other SDR series on request.

PE 100 RC inside

Art.code: PE0100——VB—KS—FG–FA-SW09500— **0120**

SDR	d	e	d3	d4	d6	le1	z1	h1	PN	kg/piece	Art. No.	€ / Stk
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(bar)			
11	110	10.0	125	158	100	37	80	18	16	0.470	010022295	*
11	125	11.4	132	158	107	40	90	25	16	0.590	010022296	*
11	140	12.7	155	188	125	35	83	25	16	0.750	010022297	*
11	160	14.6	175	212	155	52	105	25	16	0.980	010022298	*
11	180	16.4	186	212	158	65	127	30	16	0.995	010022299	*
11	200	18.2	233	268	190.4	65	140	32	16	2.270	010022300	*
11	225	20.5	235	268	202	65	127	32	16	2.250	010022301	*
11	250	22.7	285	320	240.4	66	145	35	16	3.185	010022302	*
11	280	25.4	291	320	255	80	155	35	16	3.125	010022303	*
11	315	28.6	335	370	279.5	86	163	35	16	5.650	010022304	*
11	355	32.2	373	430	324.5	100	187	40	16	8.120	010022306	*
11	400	36.3	427	482	370	95	195	46	16	11.175	010022308	*
11	450	40.9	514	585	449	60	139	60	16	14.310	010022311	*
11	500	45.4	530	585	476	65	180	60	16	13.530	010022315	*

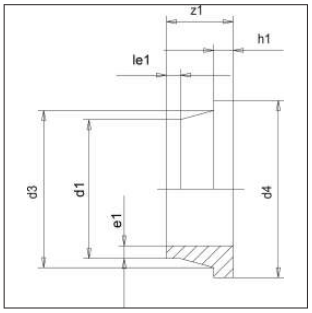
* on request
* Please contact our Sales/Applications Technology department prior to placing your order and specify the type of valve.

PE 100 Stub flanges for loose flange ISO/DIN, machined (SDR 33/26/17/11)

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Material
PE 100

Colour
black

Execution
machined, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
Other SDR series on request

Art.code: PE0100——VB—KS—SP–DN-SW09500— **0125**

SDR	d (mm)	e (mm)	d3 (mm)	d4 (mm)	le1 (mm)	z1 (mm)	h1 (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	800	72.6	840	900	20	146	83	16	35.000	010040131	*
11	900	81.7	944	1000	25	174	91	16	50.000	010036639	*
11	1000	90.8	1047	1115	25	191	101	16	68.000	010040030	*
17	1000	59.3	1047	1110	25	162	72	10	42.000	010013434	*
17	1100	64.7	1245	1330	30	261	96	10	115.000	010013620	*
17	1200	71.1	1245	1330	30	176	84	10	66.000	010013622	*
26	1000	38.2	1047	1110	25	143	53	6.3	27.000	010013441	*
26	1100	42.3	1245	1330	30	237	72	6.3	84.000	010058322	*
26	1200	45.9	1245	1330	30	153	61	6.3	42.000	010058323	*
33	1000	30.6	1047	1110	25	136	46	5	22.000	010013446	*
33	1100	33.3	1245	1330	30	228	63	5	72.000	010013619	*
33	1200	36.7	1245	1330	30	145	53	5	34.000	010013621	*

* on request
Execution in SDR 17, also for SDR 17,6

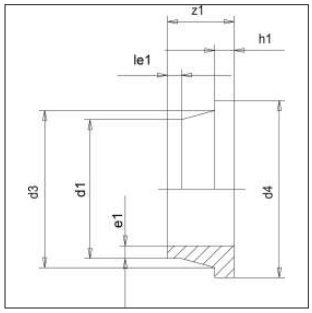
PE 100 RC Stub flanges for loose flange ANSI, injected (SDR 11)

SIMONA

1.2.1



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
For application of ANSI loose flanges from d=110 mm stub flanges acc. to ISO/DIN can be used.

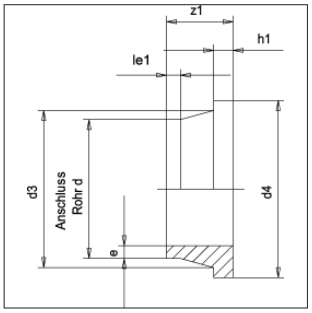
PE 100 RC inside

Art.code: PE0100-----VB--KS--FG-AN-SW09500--- **0120**

SDR	d (mm)	e (mm)	d3 (mm)	d4 (mm)	le1 (mm)	z1 (mm)	h1 (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	20	2.0	26	44	28	50	7	16	0.018	010600874	9,05
11	25	2.3	32	54	20	50	9	16	0.033	010600875	9,35
11	32	3.0	39	63	20	50	10	16	0.039	010600876	10,25
11	40	3.7	48	73	25	59	11	16	0.072	010600877	12,10
11	50	4.6	60	82	23	50	12	16	0.085	010600878	14,40
11	63	5.8	72	100	23	56	14	16	0.142	010600879	17,35
11	75	6.8	87	120	20	56	16	16	0.225	010600880	20,50
11	90	8.2	102	133	40	80	17	16	0.311	010600881	28,75

PE 100 Stub flanges for loose flange ANSI, machined

(SDR 17/11)



Material
PE 100

Colour
black

Execution
machined, for butt welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3

Remark
for application of ANSI loose flanges d=450 mm; 18"

Art.code: PE0100——VB—KS—SP–AN-SW09500— 0125

d (mm)	e (mm)	d3 (mm)	d4 (mm)	le1 (mm)	z1 (mm)	h1 (mm)	Art. No.	€ / Stk
450	40.9	461	544	65	180	60	010038523	1.396,60
450	26.7	461	544	65	180	46	010038521	1.396,60

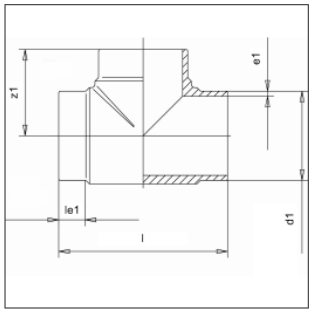
PE 100 RC Tees, injected (SDR 33/17/11)

SIMONA

1.2.1



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

PE 100 RC inside

Art.code: PE0100—TS—KS—FG—SW09500— **0120**

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	PN (bar)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	20	2.0	11	38	16	76	0.021	**010300336**	6,50
11	25	2.3	11	40	16	80	0.030	**010300337**	7,00
11	32	3.0	11	42	16	84	0.046	**010300338**	7,90
11	40	3.7	11	45	16	90	0.067	**010300339**	11,90
11	50	4.6	12	50	16	100	0.115	**010300340**	15,85
11	63	5.8	17	67	16	134	0.248	**010300341**	24,30
11	75	6.8	19	75	16	150	0.394	**010300342**	47,75
11	90	8.2	43	99	16	198	0.705	**010300343**	69,55
11	110	10.0	55	127	16	254	1.260	**010300344**	101,30
11	125	11.4	52	125	16	254	1.638	**010300345**	139,85
11	140	12.7	65	153	16	314	2.690	**010300346**	175,50
11	160	14.6	57	160	16	320	3.380	**010300347**	294,90
11	180	16.4	94	214	16	428	5.740	**010300348**	378,90
11	200	18.2	90	219	16	438	7.280	**010300349**	541,55
11	225	20.5	76	226	16	452	9.605	**010300350**	643,35
11	250	22.7	68	225	16	450	10.770	**010300122**	827,45
11	280	25.4	86	264	16	528	15.950	**010300351**	1.115,45
11	315	28.6	87	282	16	564	21.285	**010300352**	1.583,55
11	355	32.2	103	349	16	698	31.800	**010300353**	2.132,10
11	400	36.3	105	363	16	726	40.450	**010300354**	3.181,65
11	450	40.9	137	419	16	838	47.000	**010300934**	4.553,40
11	500	45.4	159	465	16	930	89.000	**010300903**	5.784,90
17	50	3.0	13	50	10	100	0.086	**010300615**	14,30
17	63	3.8	17	67	10	134	0.187	**010300617**	19,15
17	75	4.5	19	75	10	150	0.293	**010300619**	37,35
17	90	5.4	42	99	10	198	0.535	**010300621**	52,70
17	110	6.6	55	127	10	254	0.930	**010300624**	86,35
17	125	7.4	52	125	10	250	1.169	**010300627**	119,10
17	140	8.3	62	157	10	314	1.805	**010300630**	140,50
17	160	9.5	57	160	10	320	2.375	**010300633**	264,15
17	180	10.7	96	214	10	428	4.095	**010300636**	323,30
17	200	11.9	93	220	10	440	5.145	**010300639**	441,65
17	225	13.4	76	225	10	450	6.970	**010300642**	518,45
17	250	14.8	67	224	10	448	7.670	**010300645**	686,80
17	280	16.6	93	272	10	544	10.900	**010300647**	784,30
17	315	18.7	87	282	10	564	14.870	**010300650**	1.045,25
17	355	21.1	103	348	10	696	22.360	**010300652**	1.586,55
17	400	23.7	105	361	10	722	28.750	**010300655**	2.457,55
17	450	26.7	137	419	10	838	45.000	**010300950**	3.538,40
17	500	29.7	163	470	10	940	62.200	**010300951**	4.555,65
33	110	3.4	33	109	5	223	0.415	010300622	57,75
33	125	3.9	40	115	5	230	0.680	010300625	78,75
33	140	4.3	25	125	5	253	1.080	010300628	108,60
33	160	4.9	57	170	5	340	1.280	010300631	130,05
33	180	5.5	57	182.5	5	365	1.780	010300634	153,45
33	200	6.2	57	200	5	400	2.300	010300637	190,20
33	225	6.9	57	217.5	5	435	4.000	010300640	314,85

Execution in SDR 17, also for SDR 17,6

PE 100 RC Tees, injected (SDR 33/17/11)

SIMONA

Art.code: PE0100—TS—KS—FG—SW09500— 0120 1.2.1

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	PN (bar)	Length (mm)	kg/piece	Art. No.	€ / Stk
33	250	7.7	70	237	5	465	6.660	010300643	541,55
33	280	8.6	80	270	5	540	6.680	010300646	688,50
33	315	9.7	80	275	5	550	10.000	010300648	868,25
33	355	10.9	100	342	5	684	14.000	010300651	1.432,85
33	400	12.3	104	350	5	700	20.000	010300653	2.100,35

Execution in SDR 17, also for SDR 17,6

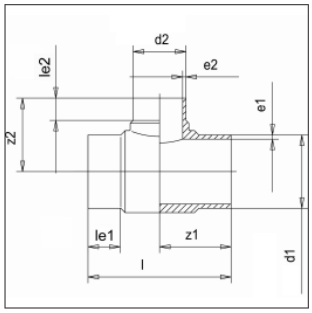
PE 100 RC Tees with reduced branch, injected

(SDR 17/11)

1.2.1



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
more designs, see page 83

PE 100 RC inside

Art.code: PE0100—TSR–KS–FG—SW09500— **0120**

SDR	d1 (mm)	d2 (mm)	e2 (mm)	Length (mm)	le1 (mm)	le2 (mm)	z1 (mm)	z2 (mm)	e (mm)	kg/piece	Art. No.	€ / Stk
11	90	32	3	213	57	23	106.5	85	8.2	0.560	013500950	65,90
11	110	32	3	240	70	23	120	94	10.0	0.940	013500953	97,35
11	110	50	4.6	240	70	27	120	100	10.0	0.950	013500954	99,40
11	125	63	5.8	275	75	31	137.5	112	11.4	1.400	013500957	135,85
11	140	63	5.8	302	87	32	151	120	12.7	1.800	013500959	168,90
11	140	75	6.8	302	87	35	151	130	12.7	1.880	013500960	152,05
11	140	90	8.2	305	88	42	152.5	130	12.7	1.920	013500961	171,80
11	140	110	10	305	54	47	152.5	141	12.7	2.240	013500962	176,15
11	160	125	11.4	325	62	52	162.5	150	14.6	2.690	013500965	292,95
11	180	63	5.8	358	132	32	179	139	16.4	3.160	013500966	363,35
11	180	75	6.8	362	119	31	181	144	16.4	3.350	013500967	364,00
11	180	125	11.4	362	100	52	181	166	16.4	3.550	013500970	375,00
11	225	125	11.4	440	135	40	220	180	20.5	8.470	013500978	517,95
17	140	63	3.8	300	86	32	150	120	8.3	1.360	013500811	134,50
17	140	75	4.5	300	86	35	150	130	8.3	1.370	013500812	135,75
17	140	90	5.4	300	86	42	150	130	8.3	1.380	013500813	137,55
17	140	110	6.6	300	53	46	150	139	8.3	1.660	013500814	140,40
17	160	125	7.4	325	62	50	162.5	150	9.5	2.690	013500817	260,35
17	180	63	3.8	358	130	32	179	138	10.7	2.200	013500818	309,35
17	180	75	4.5	360	120	31	180	140	10.7	2.300	013500819	310,70
17	180	125	7.4	365	96	52	182.5	161	10.7	2.500	013500822	318,55
17	200	63	3.8	382	143	31	191	145	11.9	3.200	013500823	346,75
17	225	110	6.6	450	55	28	225	190	13.4	4.520	013500829	412,10
17	225	125	7.4	440	135	40	220	180	13.4	4.660	013500830	415,70

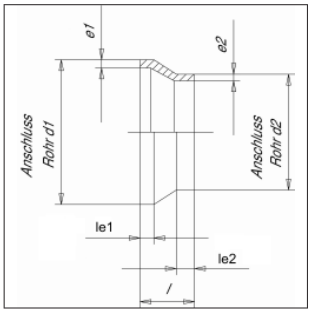
Execution in SDR 17, also for SDR 17,6

PE 100 RC Reducers concentric, injected (SDR 17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

PE 100 RC inside

Art.code: PE0100—RZ—KS—FG—SW09500— 0120

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	25	20	3.0	3	14	14	33	0.004	**014900885**	8,70
11	32	20	3.0	2	24	24	70	0.014	**014900886**	10,30
11	32	25	3.0	2.3	25	25	68	0.017	**014900887**	10,30
11	40	20	3.7	3	14	14	42	0.014	**014900888**	11,85
11	40	25	3.7	2.3	22	22	62	0.021	**014900889**	11,85
11	40	32	3.7	3	25	25	62	0.024	**014900890**	11,85
11	50	25	4.6	2.3	25	25	85	0.040	**014900891**	12,40
11	50	32	4.6	3	20	20	70	0.038	**014900892**	12,40
11	50	40	4.6	3.7	25	25	80	0.050	**014900893**	12,40
11	63	32	5.8	3	26	27	89	0.066	**014900894**	14,45
11	63	40	5.8	3.7	35	21	89	0.075	**014900895**	14,45
11	63	50	5.8	4.6	25	25	87	0.085	**014900896**	14,45
11	75	32	6.8	3	19	14	70	0.072	**014900897**	18,70
11	75	40	6.8	3.7	19	14	70	0.075	**014901062**	18,70
11	75	50	6.8	4.6	25	25	85	0.084	**014900898**	18,70
11	75	63	6.8	5.8	25	25	82	0.115	**014900899**	18,70
11	90	50	8.2	4.6	30	28	93	0.152	**014900900**	20,30
11	90	63	8.2	5.8	28	28	92	0.172	**014900901**	20,30
11	90	75	8.2	6.8	30	28	91	0.180	**014901063**	20,30
11	110	50	10.0	4.6	28	14	90	0.225	014900902	25,00
11	110	63	10.0	5.8	40	36	105	0.245	**014900903**	25,00
11	110	75	10.0	6.8	40	28	96	0.245	**014900904**	25,00
11	110	90	10.0	8.2	40	41	104	0.285	**014900905**	25,00
11	125	63	11.4	5.8	32	18	100	0.373	014900906	32,20
11	125	75	11.4	6.8	32	19	100	0.310	014900907	32,20
11	125	90	11.4	8.2	42	41	110	0.370	**014900908**	32,20
11	125	110	11.4	10	40	40	100	0.395	**014900909**	32,20
11	140	75	12.7	6.8	52	41	135	0.540	**014900910**	39,10
11	140	90	12.7	8.2	53	42	131	0.535	**014900911**	39,10
11	140	110	12.7	10	50	40	120	0.550	**014900912**	39,10
11	140	125	12.7	11.4	51	40	120	0.580	**014900913**	39,10
11	160	90	14.6	8.2	48	34	141	0.710	**014900914**	45,40
11	160	110	14.6	10	40	34	129	0.670	**014900915**	45,40
11	160	125	14.6	11.4	40	32	122	0.720	**014900916**	45,40
11	160	140	14.6	12.7	49	38	125	0.745	**014900917**	45,40
11	180	90	16.4	8.2	50	40	145	0.925	**014900918**	68,20
11	180	110	16.4	10	55	42	150	1.020	**014900919**	68,20
11	180	125	16.4	11.4	52	40	143	1.020	**014900920**	64,65
11	180	140	16.4	12.7	45	35	136	1.015	014900921	62,10
11	180	160	16.4	14.6	45	40	123	1.140	014900922	62,10
11	200	140	18.2	12.7	62	42	145	1.315	**014900923**	197,60
11	200	160	18.2	14.6	60	50	150	1.340	**014900924**	153,45
11	200	180	18.2	16.4	62	54	150	1.495	**014900925**	136,80
11	225	140	20.5	12.7	55	35	162	1.655	014900926	229,25
11	225	160	20.5	14.6	65	53	160	1.810	**014900927**	196,45
11	225	180	20.5	16.4	64	59	160	1.800	**014900928**	187,35

* on request
Execution in SDR 17, also for SDR 17,6

PE 100 RC Reducers concentric, injected (SDR 17/11)

SIMONA

1.2.1 Art.code: PE0100—RZ—KS—FG—SW09500— 0120

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	225	200	20.5	18.2	63	53	148	1.805	**014900929**	165,50
11	250	160	22.7	14.6	70	50	180	2.330	**014900930**	262,75
11	250	180	22.7	16.4	65	55	190	2.540	**014900931**	243,05
11	250	200	22.7	18.2	65	65	190	2.700	**014900932**	223,35
11	250	225	22.7	20.5	65	65	190	2.960	**014900933**	212,25
11	280	200	25.4	18.2	75	54	214	3.780	014900934	291,90
11	280	225	25.4	20.5	75	58	210	3.860	**014900935**	273,30
11	280	250	25.4	22.7	75	60	206	4.155	**014900936**	262,25
11	315	200	28.6	18.2	80	50	220	4.229	**014900937**	373,15
11	315	225	28.6	20.5	84	57	237	5.480	**014900938**	317,25
11	315	250	28.6	22.7	86	64	236	5.415	**014900986**	300,50
11	315	280	28.6	25.4	86	72	231	5.600	**014900939**	281,50
11	355	225	32.2	20.5	90	55	245	6.580	014900940	496,00
11	355	250	32.2	22.7	90	60	240	6.680	014900941	496,00
11	355	280	32.2	25.4	90	70	240	6.820	014900942	496,00
11	355	315	32.2	28.6	90	80	240	7.160	**014900943**	496,00
17	32	25						0.010	014901066	*
17	40	20						0.012	014900806	*
17	40	25						0.012	014900807	*
17	40	32						0.012	014900808	*
17	50	25						0.016	014900809	*
17	50	32	3.0	2.9	20	20	82	0.033	014900810	*
17	50	40	3.0	2.4	30	26	82	0.037	014900811	*
17	63	32	5.8	3	18	14	57	0.050	014900812	14,45
17	63	40	3.8	2.4	28	27	89	0.041	014900813	*
17	63	50	3.8	3	29	27	87	0.055	**014900814**	14,45
17	75	32						0.061	014900815	*
17	75	40						0.068	014900816	*
17	75	50	4.5	3	25	25	85	0.044	**014900817**	18,70
17	75	63	4.5	3.8	25	25	82	0.078	**014900818**	18,70
17	90	50	5.4	3	30	28	93	0.106	**014900819**	20,30
17	90	63	5.4	3.8	28	28	92	0.118	**014900820**	20,30
17	90	75	5.4	4.5	30	27	90	0.122	**014900821**	20,30
17	110	50	6.6	3	28	20	93	0.140	**014900822**	25,00
17	110	63	6.6	3.8	40	36	105	0.180	**014900823**	25,00
17	110	75	6.6	4.5	40	28	96	0.180	**014900824**	25,00
17	110	90	6.6	5.4	41	40	103	0.194	**014900825**	25,00
17	125	63	7.4	3.8	35	20	100	0.279	014900826	32,20
17	125	75	7.4	4.5	32	20	98	0.195	014900827	32,20
17	125	90	7.4	5.4	41	41	114	0.270	**014900828**	32,20
17	125	110	7.4	6.6	32	28	89	0.275	014900829	32,20
17	140	75	8.3	4.5	35	19	110	0.365	014900830	39,10
17	140	90	8.3	5.4	53	42	131	0.365	**014900831**	39,10
17	140	110	8.3	6.6	53	43	120	0.375	**014900470**	39,10
17	140	125	8.3	7.4	54	43	124	0.400	**014900471**	39,10
17	160	90	9.5	5.4	48	34	141	0.475	**014900832**	45,40
17	160	110	9.5	6.6	40	34	129	0.460	**014900833**	45,40
17	160	125	9.5	7.4	40	32	122	0.460	**014900834**	45,40
17	160	140	9.5	8.3	49	38	125	0.525	**014900835**	45,40
17	180	90	10.7	5.4	53	42	145	0.650	014900836	68,20
17	180	110	10.7	6.6	55	42	150	0.680	**014900837**	68,20
17	180	125	10.7	7.4	52	40	143	0.705	014900472	64,65
17	180	140	10.7	8.3	51	47	135	0.670	**014900838**	62,10
17	180	160	10.7	9.5	45	40	124.5	0.750	014900839	62,10
17	200	140	11.9	8.3	62	42	145	0.895	**014900840**	197,60
17	200	160	11.9	9.5	60	50	150	0.945	**014900841**	153,45
17	200	180	11.9	10.7	62	54	145	0.970	**014900842**	136,80
17	225	140	13.4	8.3	62	48	157	1.155	**014900843**	224,10
17	225	160	13.4	9.5	60	50	160	1.215	**014900844**	192,30
17	225	180	13.4	10.7	64	57	166	1.215	**014900845**	182,70
17	225	200	13.4	11.9	62	52	149	1.210	**014900473**	161,25
17	250	160	14.8	9.5	70	50	180	1.610	**014900846**	255,50
17	250	180	14.8	10.7	65	55	190	1.700	**014900847**	237,00
17	250	200	14.8	11.9	65	65	190	1.900	**014900848**	217,90
17	250	225	14.8	13.4	65	65	190	1.940	**014900849**	207,20

* on request
Execution in SDR 17, also for SDR 17,6

PE 100 RC Reducers concentric, injected (SDR 17/11)

SIMONA

Art.code: PE0100—RZ—KS—FG—SW09500— 0120 1.2.1

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
17	280	200	16.6	11.9	75	54	214	2.570	**014900850**	284,55
17	280	225	16.6	13.4	70	55	200	2.505	**014901047**	266,15
17	280	250	16.6	14.8	73	62	200	2.680	**014900474**	255,50
17	315	200	18.7	11.9	80	50	220	3.236	**014900851**	363,95
17	315	225	18.7	13.4	84	59	237	3.560	**014900852**	308,90
17	315	250	18.7	14.8	88	64	234	3.695	**014900475**	292,80
17	315	280	18.7	16.6	85	72	227	3.940	**014901048**	274,55
17	355	225	21.1	13.4	90	55	245	4.390	014900853	480,00
17	355	250	21.1	14.8	90	60	240	4.460	014900854	480,00
17	355	280	21.1	16.6	90	70	240	4.580	014900855	480,00
17	355	315	21.1	18.7	90	80	240	4.810	014900856	480,00

* on request
Execution in SDR 17, also for SDR 17,6

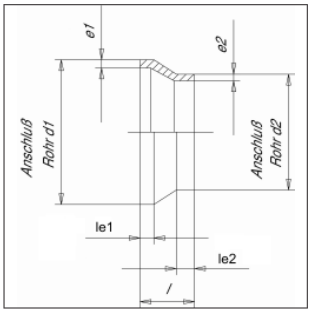
PE 100 Reducers concentric, machined (SDR 17/11)

SIMONA

1.2.1



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Art.code: PE0100—RZ—KS—SP—SW09500— **0125**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	355	225	32.2	20.5	57	40	140	4.700	**010013330**	279,25
11	355	250	32.2	22.7	54	40	130	4.400	010013332	281,25
11	355	280	32.2	25.4	53	40	120	4.100	010013333	262,25
11	355	315	32.2	28.6	53	40	110	3.700	**010013334**	254,55
11	400	225	36.3	20.5	64	40	160	6.800	010013335	480,25
11	400	250	36.3	22.7	61	40	150	6.500	010013336	462,75
11	400	280	36.3	25.4	60	40	140	6.200	010013337	366,10
11	400	315	36.3	28.6	50	40	120	5.300	**010013338**	273,00
11	400	355	36.3	32.2	51	40	110	4.800	**010013339**	253,90
11	450	280	40.9	25.4	65	40	160	9.000	010013341	578,70
11	450	315	40.9	28.6	55	40	140	8.000	010013342	506,75
11	450	355	40.9	32.2	57	40	130	7.400	010013343	362,85
11	450	400	40.9	36.3	60	40	120	6.600	010013344	328,65
11	500	315	45.4	28.6	71	40	170	12.000	010013345	708,45
11	500	355	45.4	32.2	62	40	150	10.800	010013346	638,10
11	500	400	45.4	36.3	65	40	140	10.000	010013347	518,00
11	500	450	45.4	40.9	60	40	120	8.300	010013348	457,35
11	560	400	50.8	36.3	68	40	160	14.700	010013350	913,85
11	560	450	50.8	40.9	62	40	140	12.000	010013351	817,15
11	560	500	50.8	45.4	67	40	130	11.400	010013352	757,40
11	630	400	57.2	36.3	78	40	190	22.300	010013354	1.076,85
11	630	450	57.2	40.9	72	40	170	20.200	010013355	1.003,65
11	630	500	57.2	45.4	67	40	150	17.800	010013356	906,20
11	630	560	57.2	50.8	64	40	130	14.800	010013357	705,50
17	355	225	21.1	13.4	57	40	140	3.100	**010013360**	279,25
17	355	250	21.1	14.8	54	40	130	3.000	**010013361**	281,25
17	355	280	21.1	16.6	53	40	120	2.700	**010013362**	262,25
17	355	315	21.1	18.7	53	40	110	2.400	**010013363**	254,55
17	400	225	23.7	13.4	64	40	160	4.600	010013364	480,25
17	400	250	23.7	14.8	61	40	150	4.400	010013365	462,75
17	400	280	23.7	16.6	60	40	140	4.100	**010013367**	366,10
17	400	315	23.7	18.7	50	40	120	3.740	**010013368**	273,00
17	400	355	23.7	21.1	51	40	110	3.100	**010013370**	253,90
17	450	280	26.7	16.6	65	40	160	6.000	010013371	578,70
17	450	315	26.7	18.7	55	40	140	5.400	**010013372**	506,75
17	450	355	26.7	21.1	57	40	130	5.000	010013373	362,85
17	450	400	26.7	23.7	60	40	120	4.400	010013374	328,65
17	500	315	29.7	18.7	71	40	170	8.100	010013375	708,45
17	500	355	29.7	21.1	62	40	150	7.300	010013376	638,10
17	500	400	29.7	23.7	65	40	140	6.700	**010013377**	518,00
17	500	450	29.7	26.7	60	40	120	5.500	010013379	457,35
17	560	400	33.2	23.7	68	40	160	9.900	010013382	913,85
17	560	450	33.2	26.7	62	40	140	8.860	010013383	817,15
17	560	500	33.2	29.7	67	40	130	7.600	010013384	628,45
17	630	400	37.4	23.7	78	40	190	15.100	010013385	1.076,85
17	630	450	37.4	26.7	72	40	170	13.700	010013386	1.003,65
17	630	500	37.4	29.7	67	40	150	12.000	010013387	760,50

Execution in SDR 17, also for SDR 17,6

PE 100 Reducers concentric, machined (SDR 17/11)

SIMONA

Art.code: PE0100—–RZ—KS—SP—–SW09500— 0125 1.2.1

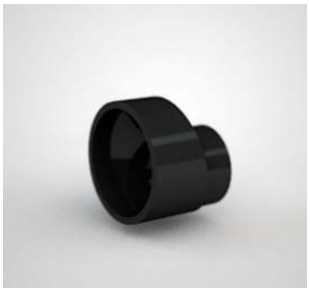
SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
17	630	560	37.4	33.2	64	40	130	9.800	010013389	705,50
17	710	500	42.1	29.7	84	40	190	19.000	010013390	1.784,35
17	710	560	42.1	33.2	81	40	170	17.400	010013391	1.622,70
17	710	630	42.1	37.4	71	40	140	13.700	010013392	836,40
17	800	560	47.4	33.2	85	40	200	19.700	010013393	2.216,25
17	800	630	47.4	37.4	85	40	180	23.400	010013394	1.477,75
17	800	710	47.4	42.1	78	40	150	18.900	010013395	1.320,55
17	900	630	53.3	37.4	96	40	220	25.000	010013397	2.618,70
17	900	710	57.2	34.7	89	40	190	32.800	010019059	2.246,70
17	900	800	53.3	47.4	63	40	135	25.900	010019060	1.563,35
17	1000	710	59.3	42.1	110	40	240	50.300	010019061	4.179,65
17	1000	800	59.3	47.4	91	40	195	41.500	010019062	2.959,55
17	1000	900	59.3	53.3	70	40	145	30.600	010013398	2.124,75

Execution in SDR 17, also for SDR 17,6

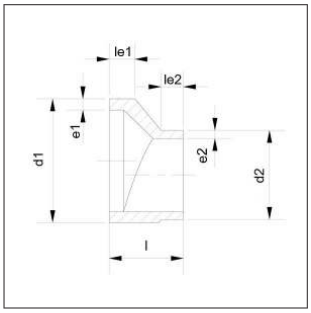
PE 100 Reducers excentric, machined (SDR 33/17/11)

SIMONA

1.2.1



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Art.code: PE0100—RE—KS—SP—SW09500— **0125**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	160	90	14.6	8.2	63	40	140	0.980	015000532	202,85
11	160	110	14.6	10	53	40	120	0.780	015000533	178,00
11	160	125	14.6	11.4	51	40	110	0.800	015000534	163,85
11	160	140	14.6	12.7	39	40	90	0.700	015000535	161,05
11	180	125	16.4	11.4	61	40	130	1.160	015000536	199,70
11	180	140	16.4	12.7	48	40	110	1.100	015000537	185,05
11	180	160	16.4	14.6	39	40	90	0.900	015000538	178,40
11	200	140	18.2	12.7	58	40	130	1.400	015000539	228,75
11	200	160	18.2	14.6	48	40	110	1.320	015000540	213,45
11	200	180	18.2	16.4	48	40	100	1.070	015000541	205,45
11	225	140							015000692	*
11	225	160	20.5	14.6	65	40	140	1.960	015000542	247,40
11	225	180	20.5	16.4	56	40	120	1.600	015000543	226,20
11	225	200	20.5	18.2	46	40	100	1.500	015000544	216,35
11	250	160						3.000	015000688	*
11	250	180	22.7	16.4	63	40	140	2.700	015000545	287,45
11	250	200	22.7	18.2	63	40	130	2.260	015000546	269,30
11	250	225	22.7	20.5	46	40	100	1.860	015000547	248,70
11	280	200	25.4	18.2	67	40	150	3.680	015000548	348,80
11	280	225	25.4	20.5	61	40	130	3.100	015000549	309,05
11	280	250	25.4	22.7	54	40	110	2.600	015000550	290,10
11	315	225	28.6	20.5	72	40	160	5.000	015000551	438,00
11	315	250	28.6	22.7	65	40	140	4.300	015000552	398,70
11	315	280	28.6	25.4	61	40	120	3.660	015000553	370,65
11	355	250	32.2	22.7	84	40	180	7.200	015000554	459,45
11	355	280	32.2	25.4	70	40	150	5.200	015000555	430,60
11	355	315	32.2	28.6	58	40	120	4.600	015000556	413,20
11	400	280	36.3	25.4	92	40	200	9.500	015000557	510,75
11	400	315	36.3	28.6	87	40	170	7.800	015000558	464,75
11	400	355	36.3	32.2	66	40	130	6.300	015000559	447,45
11	450	315	40.9	28.6	89	50	210	13.600	015000560	763,00
11	450	355	40.9	32.2	80	50	180	11.500	015000561	711,20
11	450	400	40.9	36.3	63	50	140	8.600	015000562	682,05
11	500	315	45.4	28.6	107	40	260	20.100	015000563	838,80
11	500	355	45.4	32.2	101	40	230	17.500	015000564	780,75
11	500	400	45.4	36.3	96	40	200	14.900	015000565	740,25
11	500	450	45.4	40.9	85	40	160	11.400	015000566	682,05
11	560	450	50.8	40.9	101	40	210	19.700	015000567	968,75
11	560	500	50.8	45.4	90	40	170	15.300	015000568	926,70
11	630	500	57.2	45.4	109	40	230	27.400	015000569	1.485,10
11	630	560	57.2	50.8	94	40	180	20.500	015000570	1.354,25
17	160	90	9.5	5.4	63	40	140	0.700	015000463	202,85
17	160	110	9.5	6.6	53	40	120	0.612	**015000464**	178,00
17	160	125	9.5	7.4	51	40	110	0.400	015000465	163,85
17	160	140	9.5	8.3	39	40	90	0.340	015000466	161,05
17	180	125	10.7	7.4	61	40	130	0.700	015000467	199,70

* on request
Execution in SDR 17, also for SDR 17,6

PE 100 Reducers excentric, machined (SDR 33/17/11)

SIMONA

Art.code: PE0100—–RE–KS–SP—–SW09500— 0125 1.2.1

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
17	180	140	10.7	8.3	48	40	110	0.560	015000468	185,05
17	180	160	10.7	9.5	39	40	90	0.320	015000469	178,40
17	200	110						1.300	010050245	*
17	200	140	11.9	8.3	58	40	130	0.900	015000470	228,75
17	200	160	11.9	9.5	48	40	110	0.660	015000471	213,45
17	200	180	11.9	10.7	48	40	100	0.540	015000472	205,45
17	225	140						1.620	015000759	*
17	225	160	13.4	9.5	65	40	140	1.200	015000473	247,40
17	225	180	13.4	10.7	56	40	120	0.900	015000474	226,20
17	225	200	13.4	11.9	46	40	100	0.700	015000475	216,35
17	250	160						2.260	015000756	*
17	250	180	14.8	10.7	63	40	140	1.400	015000476	287,45
17	250	200	14.8	11.9	63	40	130	1.100	015000477	269,30
17	250	225	14.8	13.4	46	40	100	0.800	015000478	248,70
17	280	160						4.240	015000711	*
17	280	180						3.569	010037354	*
17	280	200	16.6	11.9	67	40	150	2.500	015000479	348,80
17	280	225	16.6	13.4	61	40	130	2.050	015000480	309,05
17	280	250	16.6	14.8	54	40	110	1.700	015000481	290,10
17	315	160						6.960	010050252	*
17	315	200						3.800	015000761	*
17	315	225	18.7	13.4	72	40	160	3.800	**015000482**	438,00
17	315	250	18.7	14.8	65	40	140	2.100	015000483	398,70
17	315	280	18.7	16.6	61	40	120	1.400	015000484	370,65
17	355	250	21.1	14.8	84	40	180	5.200	015000485	459,45
17	355	280	21.1	16.6	70	40	150	3.900	015000486	430,60
17	355	315	21.1	18.7	58	40	120	2.900	015000487	413,20
17	400	280	23.7	16.6	85	40	200	7.600	015000488	510,75
17	400	315	23.7	18.7	87	40	170	6.000	015000489	464,75
17	400	355	23.7	21.1	66	40	130	4.100	015000490	447,45
17	450	315	26.7	18.7	89	50	210	9.900	015000491	763,00
17	450	355	26.7	21.1	80	50	180	8.100	015000492	711,20
17	450	400	26.7	23.7	63	50	140	5.600	015000493	682,05
17	500	315	29.7	18.7	107	40	260	13.600	015000494	838,80
17	500	355	29.7	21.1	91	40	220	12.800	015000495	780,75
17	500	400	29.7	23.7	86	40	190	10.600	015000496	740,25
17	500	450	29.7	26.7	65	40	140	6.900	015000497	682,05
17	560	250						25.000	010050244	*
17	560	450	33.2	26.7	91	40	200	13.900	015000498	968,75
17	560	500	33.2	29.7	70	40	150	9.300	015000499	926,70
17	630	500	37.4	29.7	99	40	220	19.700	015000500	1.485,10
17	630	560	37.4	33.2	84	40	170	13.800	015000501	1.354,25
33	160	90	4.9	2.8	63	40	140	0.710	015000605	202,85
33	160	110	4.9	3.4	53	40	120	0.510	015000606	178,00
33	160	125	4.9	3.9	51	40	110	0.410	015000607	163,85
33	160	140	4.9	4.3	39	40	90	0.310	015000608	161,05
33	180	110						0.810	015000712	*
33	180	125	5.5	3.9	61	40	130	0.710	015000609	199,70
33	180	140	5.5	4.3	48	40	110	0.510	015000610	185,05
33	180	160	5.5	4.9	39	40	90	0.310	015000611	178,40
33	200	125							015000713	*
33	200	140	6.2	4.3	58	40	130	0.910	015000612	228,75
33	200	160	6.2	4.9	48	40	110	0.610	015000613	213,45
33	200	180	6.2	5.5	48	40	100	0.410	015000614	205,45
33	225	140							015000714	*
33	225	160	6.9	4.9	65	40	140	1.160	015000615	247,40
33	225	180	6.9	5.5	56	40	120	0.910	015000616	226,20
33	225	200	6.9	6.2	48	40	100	0.610	015000617	216,35
33	250	160						1.880	015000715	*
33	250	180	7.7	5.5	63	40	140	1.420	015000618	287,45
33	250	200	7.7	6.2	63	40	130	1.500	015000619	269,30
33	250	225	7.7	6.9	46	40	100	0.810	015000620	248,70
33	280	180							015000716	*
33	280	200	8.6	6.2	67	40	150	2.030	015000621	348,80
33	280	225	8.6	6.9	61	40	130	1.820	015000622	309,05

* on request
Execution in SDR 17, also for SDR 17,6

PE 100 Reducers excentric, machined (SDR 33/17/11)

SIMONA

1.2.1 Art.code: PE0100—RE—KS—SP—SW09500— 0125

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
33	280	250	8.6	7.7	54	40	110	1.110	015000623	290,10
33	315	200							015000717	*
33	315	225	9.7	6.9	72	40	160	2.720	015000624	438,00
33	315	250	9.7	7.7	65	40	140	2.480	015000625	398,70
33	315	280	9.7	8.6	61	40	110	1.950	015000626	370,65
33	355	250	10.9	7.7	84	40	180	4.100	015000627	459,45
33	355	280	10.9	8.6	70	40	150	2.900	015000628	430,60
33	355	315	10.9	9.7	58	40	120	2.040	015000629	413,20
33	400	315	12.3	9.7	77	40	160	5.000	015000631	464,75
33	400	355	12.3	10.9	56	40	120	2.400	015000632	447,45
33	450	315	13.8	9.7	79	40	200	8.340	015000633	763,00
33	450	355	13.8	10.9	70	50	170	5.400	015000634	711,20
33	450	400	13.8	12.3	53	50	130	3.420	015000635	682,05
33	500	315	15.3	9.7	107	40	260	15.020	015000636	838,80
33	500	355	15.3	10.9	91	40	220	10.100	015000637	780,75
33	500	400	15.3	12.3	76	40	180	7.100	015000638	740,25
33	500	450	15.3	13.8	55	40	130	4.160	015000639	682,05
33	560	400						14.900	015000754	*
33	560	450	17.2	13.8	81	40	190	9.400	015000640	968,75
33	560	500	17.2	15.3	60	40	140	5.600	015000641	926,70
33	630	500	19.3	15.3	89	40	210	13.500	015000642	1.485,10
33	630	560	19.3	17.2	92	90	210	8.700	015000643	1.354,25
33	710	560						19.100	015000755	*
33	710	630	21.8	19.3	90	80	210	10.118	015000644	3.547,55
33	800	710	24.5	21.8	92	90	230	14.418	015000645	4.115,05
33	900	800	27.6	24.5	86	40	190	21.100	015000646	5.533,90
33	1000	900	30.6	27.6	86	40	190	25.400	015000647	8.374,85

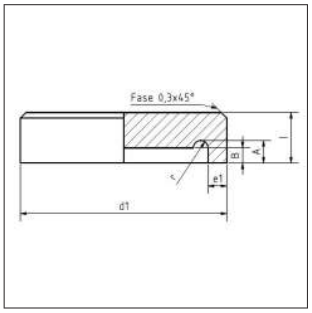
* on request
Execution in SDR 17, also for SDR 17,6

PE 100 End caps, machined (SDR 17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SDR 33 on request

Art.code: PE0100——KA—KS—SP——SW09500— **0125**

SDR	d (mm)	e (mm)	r (mm)	a (mm)	b (mm)	Length (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	250	22.7	8	21.5	13.5	55	16	2.650	013900244	145,20
11	280	25.4	10	22	12	60	16	3.500	013900247	170,10
11	315	28.6	10	23.5	13.5	65	16	4.500	013900250	257,65
11	355	32.2	12	26.5	14.5	75	16	5.300	013900253	307,70
11	400	36.3	12	26	14	80	16	7.420	013900256	370,95
11	450	40.9	14	28.5	14.5	90	16	10.600	**013900259**	537,25
11	500	45.4	16	30	14	95	16	14.600	013900262	644,60
11	560	50.8	18	32.5	14.5	100	16	21.000	013900265	993,30
11	630	57.2	20	37	17	110	16	33.900	013900268	1.502,50
11	710	64.5	22	38	16	120	16	52.000	010035058	*
11	800	72.6	24	41	17	135	16	52.500	010034273	*
17	250	14.8	8	21	13	50	10	1.660	**013900243**	131,60
17	280	16.6	8	21.6	13.6	55	10	2.860	013900246	153,05
17	315	18.7	8	21.5	13.5	60	10	3.100	013900249	192,10
17	355	21.1	10	22.6	12.6	65	10	4.580	**013900252**	251,90
17	400	23.7	10	20.9	10.9	70	10	6.400	**013900255**	300,15
17	450	26.7	12	25.4	13.4	80	10	8.900	**013900258**	442,10
17	500	29.7	14	24.5	10.5	85	10	12.100	**013900261**	527,10
17	560	33.2	14	28.5	14.5	100	10	16.700	**013900264**	671,70
17	630	37.4	16	36	20	100	10	23.900	**013900267**	1.025,25
17	710	42.1	18	48	30	120	10	34.000	**013900270**	1.530,75
17	800	47.4	20	40	20	120	10	47.500	013900272	2.352,85

* on request
Execution in SDR 17, also for SDR 17,6

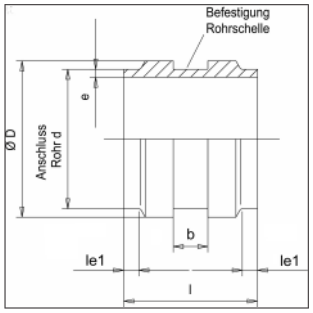
PE 100 Fixing points for pipe clamps (SDR 17/11)

SIMONA

1.2.1



Product image for illustration purposes only.



Material
PE 100

Colour
black

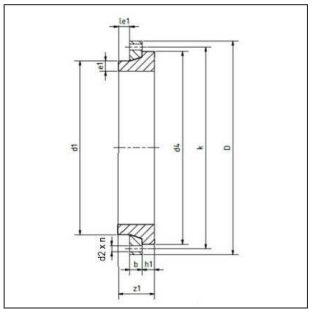
Execution
machined, for butt welding

Art.code: PE0100——FP——R0S——SW09500— **0125**

SDR	d (mm)	e (mm)	b (mm)	Length (mm)	le1 (mm)	D (mm)	kg/piece	Art. No.	€ / Stk
11	50	4.6	42	190	20	63	0.240	015400095	91,20
11	63	5.8	42	190	20	75	0.330	015400096	98,50
11	75	6.8	42	190	20	90	0.650	015400097	128,35
11	90	8.2	42	190	20	110	0.780	015400098	142,75
11	110	10.0	52	240	30	125	1.050	015400099	168,45
11	125	11.4	52	240	30	140	1.310	015400100	183,35
11	140	12.7	52	240	30	160	1.740	015400101	221,50
11	160	14.6	52	240	30	180	2.220	015400102	206,00
11	180	16.4	52	240	30	200	2.900	015400103	235,90
11	200	18.2	52	240	30	225	3.380	015400104	277,50
11	225	20.5	52	240	30	250	4.130	015400105	319,95
11	250	22.7	62	240	30	280	5.500	015400106	376,95
11	280	25.4	62	240	30	315	6.460	015400107	447,90
11	315	28.6	62	240	30	355	8.210	015400108	541,35
11	355	32.2	62	300	40	400	13.600	015400109	806,60
11	400	36.3	72	300	40	450	16.900	015400110	996,25
11	450	40.9	72	300	40	500	20.800	015400111	1.398,95
11	500	45.4	72	300	40	560	32.500	015400112	1.730,55
17	50	3.0	42	190	20	63	0.180	015400077	86,20
17	63	3.8	42	190	20	75	0.260	015400078	92,90
17	75	4.5	42	190	20	90	0.450	015400079	106,25
17	90	6.6	42	190	20	110	0.700	015400080	127,75
17	110	6.6	52	240	30	125	0.800	015400081	147,85
17	125	7.4	52	240	30	140	0.980	015400082	159,65
17	140	8.3	52	240	30	160	1.310	015400083	190,65
17	160	9.5	52	240	30	180	1.800	015400084	180,05
17	180	10.7	52	240	30	200	1.960	015400085	203,25
17	200	11.9	52	240	30	225	2.800	015400086	237,35
17	225	13.4	52	240	30	250	3.050	015400087	269,00
17	250	14.8	62	240	30	280	3.800	015400088	314,20
17	280	16.6	62	240	30	315	4.810	015400089	370,00
17	315	18.7	62	240	30	355	6.100	015400090	441,60
17	355	21.1	62	300	40	400	10.200	015400091	645,95
17	400	23.7	72	300	40	450	12.600	015400092	966,55
17	450	26.7	72	300	40	500	15.200	015400093	1.356,75
17	500	29.7	72	300	40	560	19.300	015400094	1.678,45

PE 100 RC Safety Intelligence Flange connections, short, Rilsan (SDR 17/11)

SIMONA



Material
PE 100 RC

Execution
with short spigot, for butt welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3; DIN EN ISO 15494/C, drilled PN 10/16 acc. to DIN EN 1092/1

Remark
Plastic coated steel flange

Art.code: PE0100-RC—SI—KS—RI—DN-SW09500— **0124**

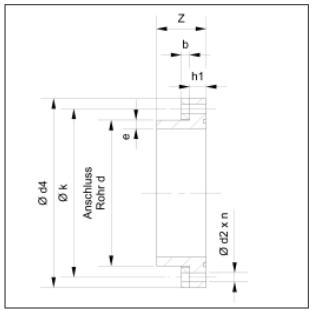
SDR	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	e (mm)	D (mm)	b (mm)	k (mm)	z1 (mm)	h1 (mm)	Art. No.	€ / Stk
11	710	710	36	800	64.5	910	63	840	180	70	010062464	*
11	800	800	39	900	72.6	1025	74	950	217	83	010058370	*
11	900	900	39	1000	81.8	1125	82	1050	233	91	010058371	*
11	1000	1000	42	1115	90.9	1255	90	1170	256	101	010058372	*
17	710	710	30	800	42.1	895	50	840	160	50	010062465	*
17	800	800	33	905	47.4	1015	56	950	150	54	010062466	*
17	900	900	33	1005	53.3	1115	62	1050	155	58	010062467	*
17	1000	1000	36	1110	59.3	1230	70	1160	207	72	010058374	*
17	1100	1200	39	1330	64.7	1455	83	1380	261	96	010058373	*
17	1200	1200	39	1330	71.1	1455	83	1380	237	84	010058375	*

* on request

PE 100 Special flange connections, with round holes, EPDM seal and plastic coated Flange (SDR 17/11)

SIMONA

1.2.1



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, for butt welding, interior weld bead removed

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

Art.code: PE0100—SFV–KSEPDPPRL—SW09500— **0125**

SDR	PN (bar)	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	e (mm)	b (mm)	k (mm)	z1 (mm)	h1 (mm)	Amount n	Art. No.	€ / Stk
11	16	90	65	18	180	8.2	22	145	90	26	8	010036820	242,90
11	16	110	80	18	200	10.0	20	160	90	30	8	**010036822**	257,45
11	16	140	100	18	225	12.7	20	180	90	33	8	010036849	282,95
11	16	160	125	18	250	14.6	24	210	90	35	8	010036824	328,25
11	16	180	125	18	250	16.4	24	210	150	35	8	010036826	345,60
11	16	200	150	23	285	18.2	22	240	110	35	8	010036851	368,05
11	16	250	200	22	340	22.7	24	295	120	35	12	**010036852**	474,80
11	10	250	200	22	340	22.7	24	295	120	35	8	**010038882**	446,80
11	16	315	250	26	400	28.6	26	355	200	45	12	**010036853**	712,85
11	10	315	250	22	400	28.6	30	350	220	35	12	010038759	662,10
11	16	355	300	26	450	32.2	28	410	135	56	12	**010036854**	789,95
11	10	355	300	22	458	32.2	34	400	135	54	12	**010038935**	713,50
11	16	400	350	26	510	36.3	30	470	160	40	16	010036855	1.164,30
11	10	400	350	22	505	36.3	39	460	160	40	16	010038941	1.074,15
11	16	450	400	30	580	40.9	32	525	180	55	16	**010036856**	1.348,10
11	10	450	400	27	565	40.9	44	515	180	55	16	010038947	1.252,40
11	16	500	400	30	580	45.4	32	525	234	55	16	010036858	2.067,70
11	10	500	400	26	565	45.4	44	515	234	55	16	010048937	1.973,10
11	16	560	500	33	710	50.8	36	650	195	83	20	010036859	2.219,45
11	10	560	500	26	670	50.8	44	620	185	55	20	010038959	1.755,60
11	16	630	500	33	710	57.2	36	650	305	83	20	010036860	3.117,75
11	10	630	500	26	670	57.2	44	620	305	55	20	010038965	2.653,60
11	10	710	600	30	780	64.5	34	725	353	60	20	010038971	4.304,20
17	10	90	65	18	180	5.4	22	145	90	26	8	010036819	242,90
17	10	110	80	18	200	6.6	20	160	90	30	8	010036821	257,45
17	10	140	100	18	225	8.3	20	180	90	33	8	010036848	282,95
17	10	160	125	18	250	9.5	24	210	90	35	8	010036823	328,25
17	10	180	125	18	250	10.7	24	210	214	35	8	010036825	345,60
17	10	200	150	23	285	11.9	22	240	110	35	8	010036850	368,05
17	10	250	200	22	340	14.8	24	295	120	35	8	**010036827**	407,65
17	10	315	250	22	400	18.7	30	350	220	35	12	**010036828**	620,60
17	10	355	300	22	458	21.1	34	400	130	40	12	010036829	653,25
17	10	400	350	22	505	23.7	30	460	160	40	16	010036830	941,75
17	10	450	400	26	565	26.7	32	515	180	55	16	**010036831**	1.095,20
17	10	500	400	30	580	29.7	32	525	289	55	16	010037619	1.699,55
17	10	560	500	26	670	33.2	36	620	185	55	20	010036832	1.526,60
17	10	630	500	33	780	37.4	36	725	300	55	20	010036833	2.294,30
17	10	710	600	30	780	42.1	34	725	390	60	20	010036861	3.568,55

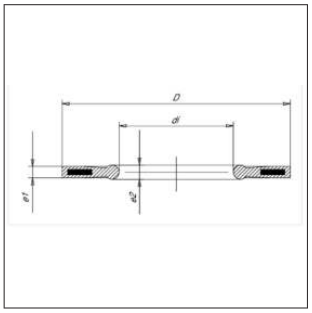
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1.2.2

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EPDM SI Profile gaskets for SI Flange connections



Material
EPDM

Colour
black

Execution
For stub flanges acc. to DIN EN ISO 15494/B (PE) DIN EN ISO 15494/C (PP)

Remark
Suitable for flange connections up to PN 16

Art.code: EPDM——DICH-PDFVG/ST-KZ-SW09500—— 0950

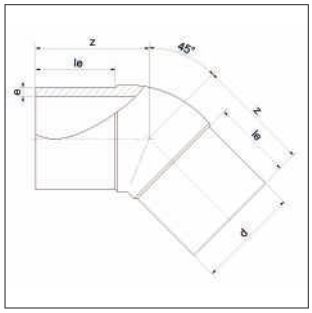
DN (mm)	PN (bar)	di (mm)	D (mm)	e1 (mm)	e2 (mm)	Art. No.	€ / Stk
700	10	810	810	8	11	010060925	228,80
800	10	915	915	8	11	010060926	287,70
900	10	1015	1015	8	11	010060927	324,25
700	16	805	805	8	11	010060929	227,70
800	16	910	910	8	11	010060930	293,65
900	16	1010	1010	8	11	010060931	327,50
1000	16	1125	1125	8	11	010060932	364,70
1000	10	1120	1120	8	11	010060933	343,40
1200	10	1341	1341	8	11	010060934	964,70
1200	16	1342	1342	8	11	010060935	974,35

PE 100 RC Elbows 45°, injected (SDR 17/11)

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1.2.2





Product image for illustration purposes only.

Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 1555/3, DIN EN 12201/3

PE 100 RC inside

Art.code: PE0100—WI-45-LS-FG—SW09500— **0121**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	20	1.9	45	52	72	0.020	16	**019200207**	13,55
11	25	2.3	45	57	75	0.031	16	**019200208**	14,15
11	32	3.0	45	71	90	0.058	16	**019200209**	15,80
11	40	3.7	45	74	95	0.091	16	**019200210**	19,55
11	50	4.6	45	62	78	0.111	16	**019200211**	22,30
11	63	5.8	45	66	88	0.210	16	**019200212**	39,65
11	75	6.8	45	71	88	0.291	16	**019200213**	53,20
11	90	8.2	45	83	105	0.480	16	**019200214**	59,95
11	110	10.0	45	93	121	0.848	16	**019200215**	96,95
11	125	11.4	45	99	133	1.200	16	**019200216**	140,05
11	140	12.7	45	120	158	1.760	16	**019200338**	156,40
11	160	14.6	45	142	180	2.732	16	**019200217**	205,15
11	180	16.4	45	141	185	3.470	16	**019200218**	232,75
11	200	18.2	45	153	203	4.610	16	**019200219**	316,90
11	225	20.5	45	153	205	6.145	16	**019200220**	377,35
11	250	22.7	45	134	215	8.330	16	**019200279**	654,15
11	280	25.4	45	141	225	10.640	16	**019200281**	986,75
11	315	28.6	45	155	245	14.670	16	**019200283**	1.198,05
17	50	3.0	45	61	76	0.084	10	**019200189**	19,55
17	63	3.8	45	66	88	0.145	10	**019200191**	35,55
17	75	4.5	45	71	88	0.200	10	**019200193**	48,05
17	90	5.1	45	83	105	0.340	10	**019200195**	53,30
17	110	6.6	45	93	121	0.575	10	**019200197**	87,00
17	125	7.4	45	97	137	0.815	10	**019200199**	126,55
17	140	8.3	45	120	158	1.276	10	**019200378**	155,00
17	160	9.5	45	142	180	1.875	10	**019200200**	184,60
17	180	10.7	45	141	185	2.450	10	**019200202**	207,45
17	200	11.9	45	152	203	3.300	10	**019200204**	283,85
17	225	13.4	45	153	205	4.280	10	**019200206**	339,60
17	250	14.8	45	134	215	5.860	10	**019200278**	562,85
17	280	16.6	45	141	225	7.650	10	**019200280**	849,35
17	315	18.7	45	155	245	10.440	10	**019200282**	1.056,85

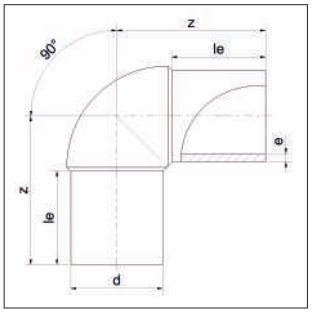
Execution in SDR 17, also for SDR 17,6

PE 100 RC Elbows 90°, injected (SDR 17/11)

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Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 1555/3, DIN EN 12201/3

PE 100 RC inside

Art.code: PE0100—WI-90-LS-FG—SW09500— **0121**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	20	1.9	90	52	73	0.021	16	**019200177**	11,55
11	25	2.3	90	56	80	0.034	16	**019200178**	11,95
11	32	3.0	90	70	95	0.065	16	**019200179**	12,85
11	40	3.7	90	74	105	0.097	16	**019200180**	16,35
11	50	4.6	90	80	108	0.153	16	**019200181**	22,05
11	63	5.8	90	80	117	0.265	16	**019200182**	39,65
11	75	6.8	90	90	132	0.415	16	**019200071**	51,90
11	90	8.2	90	91	142	0.645	16	**019200183**	59,95
11	110	10.0	90	99	162	1.081	16	**019200184**	110,20
11	125	11.4	90	103	169	1.500	16	**019200072**	140,05
11	140	12.7	90	120	200	2.292	16	**019200257**	156,40
11	160	14.6	90	142	233	3.363	16	**019200073**	205,15
11	180	16.4	90	142	247	4.440	16	**019200185**	230,50
11	200	18.2	90	153	262	6.075	16	**019200186**	315,50
11	225	20.5	90	154	281	8.030	16	**019200187**	375,40
11	250	22.7	90	132	293	10.560	16	**019200285**	625,15
11	280	25.4	90	144	330	15.030	16	**019200287**	1.052,85
11	315	28.6	90	153	370	21.217	16	**019200289**	1.301,50
17	50	3.0	90	80	108	0.105	10	**019200160**	18,85
17	63	3.8	90	80	116	0.182	10	**019200069**	35,20
17	75	4.5	90	89	129	0.287	10	**019200162**	47,20
17	90	5.4	90	90	143	0.465	10	**019200164**	53,30
17	110	6.6	90	99	160	0.765	10	**019200166**	99,20
17	125	7.4	90	102	171	1.030	10	**019200168**	126,55
17	140	8.3	90	120	200	1.610	10	**019200307**	155,00
17	160	9.5	90	142	233	2.375	10	**019200170**	184,60
17	180	10.7	90	141	243	3.035	10	**019200172**	207,45
17	200	11.9	90	152	263	4.230	10	**019200174**	283,85
17	225	13.4	90	153	277	5.630	10	**019200176**	339,60
17	250	14.8	90	132	293	7.800	10	**019200284**	559,55
17	280	16.6	90	144	325	10.583	10	**019200286**	844,00
17	315	18.7	90	153	370	15.810	10	**019200288**	1.056,95

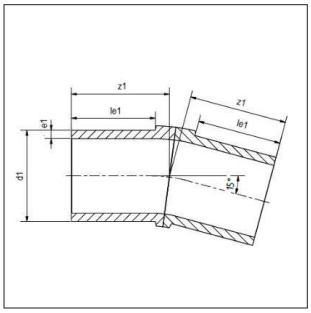
Execution in SDR 17, also for SDR 17,6

PE100 RC Elbows 15°, segment welded, fully compressible (SDR 17/11)

SIMONA

1.2.2





Product image for illustration purposes only.

Material
PE 100 RC

Colour
black

Execution
fabricated from pipes, for butt welding and electrofusion welding, reinforced

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 1555/3, DIN EN 12201/3

PE 100 RC inside

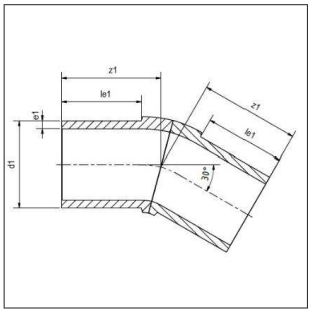
SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	90	8.2	83	97	15	0.426	16	010049825	81,35
11	110	10.0	84	99	15	0.656	16	010049952	94,15
11	125	11.4	92	119	15	1.056	16	010049954	113,95
11	140	12.7	96	129	15	1.456	16	010049956	131,50
11	160	14.6	103	142	15	2.140	16	010049958	147,65
11	180	16.4	115	158	15	3.002	16	010049961	176,35
11	200	18.2	122	167	15	3.890	16	010049963	221,60
11	225	20.5	131	182	15	5.440	16	010049965	240,10
11	250	22.7	133	196	15	7.368	16	010049968	342,60
11	280	25.4	153	223	15	10.472	16	010049970	395,95
11	315	28.6	154	227	15	13.484	16	010049972	521,05
11	355	32.2	174	260	15	19.744	16	010049974	971,00
11	400	36.3	188	297	15	29.320	16	010049976	1.084,30
11	450	40.9	195	323	15	40.974	16	010049978	1.481,55
11	500	45.4	212	348	15	54.398	16	010049980	1.772,25
17	90	5.4	83	97	15	0.302	10	010049981	71,70
17	110	6.6	84	99	15	0.466	10	010049953	83,30
17	125	7.4	92	119	15	0.752	10	010049955	98,90
17	140	8.3	97	130	15	1.056	10	010049957	114,00
17	160	9.5	103	142	15	1.542	10	010049959	115,05
17	180	10.7	115	158	15	2.168	10	010049960	144,90
17	200	11.9	122	167	15	2.812	10	010049962	158,25
17	225	13.4	130	181	15	3.924	10	010049964	198,05
17	250	14.8	134	197	15	5.396	10	010049967	264,10
17	280	16.6	154	224	15	7.676	10	010049969	305,30
17	315	18.7	154	227	15	9.848	10	010049971	369,90
17	355	21.1	174	260	15	14.472	10	010049973	666,25
17	400	23.7	188	297	15	21.590	10	010049975	802,60
17	450	26.7	195	323	15	30.324	10	010049977	1.138,20
17	500	29.7	212	348	15	40.252	10	010049979	1.334,20

Execution in SDR 17, also for SDR 17,6

PE100 RC Elbows 30°, segment welded, fully compressible (SDR 17/11)

SIMONA





Product image for illustration purposes only.

Material
PE 100 RC

Colour
black

Execution
fabricated from pipes, for butt welding and electrofusion welding, reinforced

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 1555/3, DIN EN 12201/3

PE 100 RC inside

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	90	8.2	83	103	30	0.470	16	010057090	75,40
11	110	10.0	84	107	30	0.734	16	010057091	89,10
11	125	11.4	92	127	30	1.172	16	010057093	103,75
11	140	12.7	96	138	30	1.618	16	010057095	121,75
11	160	14.6	103	153	30	2.384	16	010057097	130,85
11	180	16.4	115	171	30	3.348	16	010057100	170,55
11	200	18.2	122	181	30	4.366	16	010057102	207,25
11	225	20.5	131	198	30	6.118	16	010057104	221,10
11	250	22.7	133	214	30	8.298	16	010049983	347,55
11	280	25.4	153	248	30	12.126	16	010049985	402,05
11	315	28.6	154	254	30	15.762	16	010049988	529,45
11	355	32.2	174	290	30	22.966	16	010049990	982,95
11	400	36.3	188	330	30	33.886	16	010049992	1.101,20
11	450	40.9	195	355	30	46.454	16	010049994	1.501,85
11	500	45.4	212	384	30	61.888	16	010049996	1.799,95
17	90	5.4	83	103	30	0.336	10	010057089	65,65
17	110	6.6	84	107	30	0.528	10	010057092	78,15
17	125	7.4	92	127	30	0.844	10	010057094	91,60
17	140	8.3	97	139	30	1.186	10	010057096	104,75
17	160	9.5	103	153	30	1.738	10	010057098	100,20
17	180	10.7	115	171	30	2.446	10	010057099	138,85
17	200	11.9	122	181	30	3.192	10	010057101	155,95
17	225	13.4	130	197	30	4.468	10	010057103	178,55
17	250	14.8	134	218	30	6.284	10	010049982	268,85
17	280	16.6	154	249	30	9.010	10	010049984	310,20
17	315	18.7	154	254	30	11.676	10	010049986	376,70
17	355	21.1	174	290	30	17.058	10	010049989	675,80
17	400	23.7	188	330	30	25.250	10	010049991	816,10
17	450	26.7	195	355	30	34.716	10	010049993	1.154,45
17	500	29.7	212	384	30	46.292	10	010049995	1.356,55

Execution in SDR 17, also for SDR 17,6

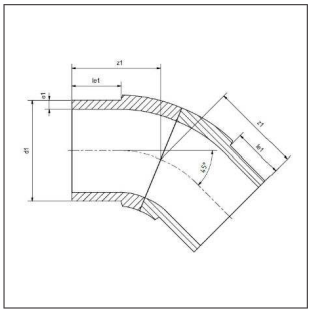
PE100 RC Elbows 45°, segment welded, fully compressible (SDR 17/11)

SIMONA

1.2.2



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
fabricated from pipes, for butt welding and electrofusion welding, reinforced

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 1555/3, DIN EN 12201/3

PE 100 RC inside

Art.code: PE0100—WI-45-LS-GS—SW09500—

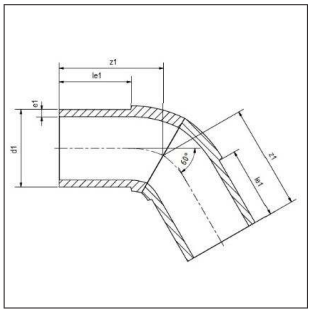
SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	355	32.2	174	314	45	25.600	16	010057106	931,35
11	400	36.3	188	357	45	37.676	16	010057108	1.053,20
11	450	40.9	195	390	45	52.782	16	010057110	1.459,85
11	500	45.4	212	422	45	70.412	16	010057112	1.763,10
17	355	21.1	174	314	45	19.174	10	010057105	622,30
17	400	23.7	188	357	45	28.288	10	010057107	765,30
17	450	26.7	195	390	45	37.786	10	010057109	1.100,35
17	500	29.7	212	422	45	53.134	10	010057111	1.313,45

Execution in SDR 17, also for SDR 17,6

PE100 RC Elbows 60°, segment welded, fully compressible (SDR 17/11)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
fabricated from pipes, for butt welding and electrofusion welding, reinforced

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 1555/3, DIN EN 12201/3

PE 100 RC inside

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	90	8.2	83	120	60	0.590	16	010050030	82,00
11	110	10.0	84	128	60	0.952	16	010050001	96,55
11	125	11.4	92	149	60	1.470	16	010050003	118,05
11	140	12.7	96	162	60	2.026	16	010050005	144,00
11	160	14.6	103	180	60	2.982	16	010050007	154,85
11	180	16.4	115	200	60	4.180	16	010050010	183,45
11	200	18.2	122	212	60	5.486	16	010050012	235,70
11	225	20.5	131	233	60	7.686	16	010050014	240,25
11	250	22.7	133	252	60	10.416	16	010050016	355,40
11	280	25.4	153	284	60	14.638	16	010050018	414,35
11	315	28.6	154	296	60	19.436	16	010050020	546,10
11	355	32.2	174	337	60	28.244	16	010050022	1.002,45
11	400	36.3	188	383	60	41.434	16	010050024	1.129,15
11	450	40.9	195	419	60	58.136	16	010050026	1.548,10
11	500	45.4	212	455	60	77.748	16	010050028	1.861,70
17	90	5.4	83	120	60	0.432	10	010050029	72,15
17	110	6.6	84	127	60	0.696	10	010050002	85,45
17	125	7.4	92	149	60	1.082	10	010050004	102,75
17	140	8.3	97	163	60	1.514	10	010050006	126,05
17	160	9.5	103	180	60	2.216	10	010050008	121,60
17	180	10.7	115	200	60	3.114	10	010050009	151,15
17	200	11.9	122	212	60	4.090	10	010050011	171,15
17	225	13.4	130	232	60	5.726	10	010050013	196,55
17	250	14.8	134	253	60	7.842	10	010050015	274,65
17	280	16.6	154	286	60	11.084	10	010050017	320,95
17	315	18.7	154	296	60	14.622	10	010050019	390,65
17	355	21.1	174	337	60	21.282	10	010050021	691,45
17	400	23.7	188	383	60	31.300	10	010050023	838,50
17	450	26.7	195	419	60	44.078	10	010050025	1.192,10
17	500	29.7	212	455	60	59.018	10	010050027	1.406,70

Execution in SDR 17, also for SDR 17,6

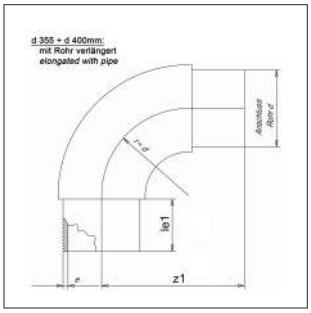
PE 100 RC Bends 90°, injected (SDR 17/11)

SIMONA

1.2.2



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected (r ~ d), with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 1555/3, DIN EN 12201/3

PE 100 RC inside

Art.code: PE0100—BO—LS-FG—SW09500— **0121**

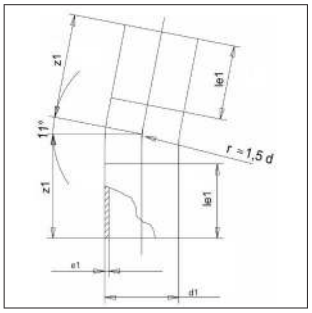
SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	Art. No.	€ / Stk
11	20	2.0	42	62	90	0.013	019100128	*
11	25	2.3	42	68	90	0.022	019100129	*
11	32	3.0	48	79	90	0.043	**019100130**	14,20
11	40	3.7	52	92	90	0.079	**019100131**	20,40
11	50	4.6	59	107	90	0.147	**019100133**	24,05
11	63	5.8	69	131	90	0.280	**019100032**	41,20
11	75	6.8	76	153	90	0.460	**019100044**	50,35
11	90	8.2	83	173	90	0.760	**019100046**	53,20
11	110	10.0	84	195	90	1.297	**019100048**	84,00
11	125	11.4	92	216	90	1.820	**019100051**	124,35
11	140	12.7	96	237	90	2.445	**019100052**	189,85
11	160	14.6	103	262	90	3.420	**019100053**	199,70
11	180	16.4	115	293	90	4.980	**019100054**	251,35
11	200	18.2	122	317	90	6.800	**019100055**	264,45
11	225	20.5	131	351	90	9.200	**019100050**	350,55
11	250	22.7	133	382	90	13.120	**019100092**	595,15
11	280	25.4	153	432	90	18.335	**019100094**	772,95
11	315	28.6	154	470	90	25.141	**019100096**	1.069,30
11	355	32.2	174	524	90	35.631	**010030703**	2.761,10
11	400	36.3	188	585	90	49.177	**010030704**	3.644,50
11	450	40.9	195	645	90	69.122	**010026787**	4.543,75
11	500	45.4	212	710	90	91.039	**010026789**	6.143,15
17	50	3.0	59	108	90	0.132	**019100132**	23,10
17	63	3.8	67	130	90	0.200	**019100031**	35,85
17	75	4.5	76	153	90	0.345	**019100043**	45,30
17	90	5.4	83	173	90	0.520	**019100045**	47,90
17	110	6.6	84	195	90	0.945	**019100047**	75,75
17	125	7.4	92	216	90	1.340	**019100056**	112,00
17	140	8.3	97	237	90	1.760	**019100057**	171,00
17	160	9.5	103	262	90	2.405	**019100058**	180,00
17	180	10.7	115	293	90	3.390	**019100059**	226,25
17	200	11.9	122	317	90	4.610	**019100060**	238,15
17	225	13.4	130	350	90	6.410	**019100049**	315,90
17	250	14.8	134	382	90	9.830	**019100091**	535,45
17	280	16.6	154	430	90	13.710	**019100093**	695,20
17	315	18.7	154	470	90	19.350	**019100095**	961,95
17	355	21.1	174	524	90	26.026	**010030701**	2.174,05
17	400	23.7	188	585	90	36.793	**010030702**	2.987,30
17	450	26.7	195	645	90	50.715	**010026788**	3.367,35
17	500	29.7	212	710	90	66.939	**010026790**	4.482,50

* on request
Execution in SDR 17, also for SDR 17,6 ● Dimensions d 355 and d 400 with extended pipe

PE 100 RC Bends, seamless (SDR 17/11/7.4)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 17/SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SDR 9 on request, r ~ 2.5 d on request

PE 100 RC inside

Art.code: PE0100-RC—BO–11-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
7.4	110	15.1	11	90	234	2.473	010020790	199,50
7.4	160	21.9	11	120	239	6.678	010020791	293,80
7.4	225	30.8	11	120	266	11.912	010020792	723,05
7.4	315	43.1	11	220	460	37.400	010020793	1.237,75
11	32	3.0	11	50	98	0.067	010102728	44,05
11	40	3.7	11	55	106	0.110	010102729	47,95
11	50	4.6	11	60	130	0.220	010102731	65,90
11	63	5.8	11	70	150	0.350	**010102733**	92,15
11	75	6.8	11	70	155	0.470	010102735	101,15
11	90	8.2	11	80	210	0.973	**010102361**	112,00
11	110	10.0	11	90	220	1.620	**010102363**	144,85
11	125	11.4	11	120	225	2.180	**010102365**	161,35
11	140	12.7	11	120	231	2.510	**010102736**	181,50
11	160	14.6	11	120	239	3.620	**010102368**	212,95
11	180	16.4	11	120	247	4.700	**010102370**	363,15
11	200	18.2	11	120	255	6.070	**010102738**	439,65
11	225	20.5	11	120	266	7.750	**010102372**	524,65
11	250	22.7	11	220	385	14.000	**010102740**	611,55
11	280	25.4	11	220	400	19.200	**010102741**	727,10
11	315	28.6	11	220	460	21.845	**010102743**	898,20
11	355	32.2	11	260	540	37.000	**010102745**	1.643,05
11	400	36.3	11	260	560	45.900	**010102747**	1.806,90
11	450	40.9	11	260	580	60.200	**010102749**	2.220,55
11	500	45.4	11	300	650	83.300	010102751	3.109,80
11	560	50.8	11	300	680	108.600	**010102753**	4.010,00
11	630	57.2	11	300	730	164.000	010102755	5.153,25
11	710	64.5	11	350	900	267.000	010022350	9.082,80
11	800	72.6	11	350	950	292.500	010022364	12.080,05
11	900	81.8	11	400	1150	506.400	010022502	17.283,75
17	50	3.0	11	60	130	0.160	010102730	54,70
17	63	3.8	11	70	150	0.250	010102732	80,10
17	75	4.5	11	70	155	0.360	010102734	85,25
17	90	5.4	11	80	210	0.660	**010102360**	92,00
17	110	6.6	11	90	234	1.140	**010102362**	114,90
17	125	7.4	11	120	225	1.460	**010102364**	130,15
17	140	8.3	11	120	231	1.800	**010102366**	148,10
17	160	9.5	11	120	239	2.420	**010102367**	163,65
17	180	10.7	11	120	147	3.200	**010102369**	266,35
17	200	11.9	11	120	255	4.100	**010102737**	321,90
17	225	13.4	11	120	266	5.340	**010102371**	381,55
17	250	14.8	11	220	385	9.660	**010102739**	461,15
17	280	16.6	11	220	400	12.680	**010102373**	510,25

Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)

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1.2.2 Art.code: PE0100-RC—BO–11-LS-NH—SW09500— 0123

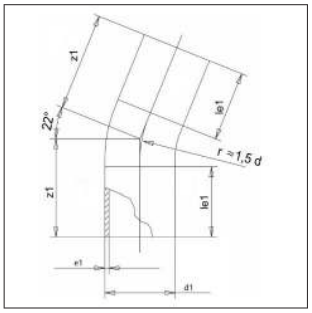
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
17	315	18.7	11	220	460	17.700	**010102742**	670,55
17	355	21.1	11	260	540	26.000	**010102744**	1.058,95
17	400	23.7	11	260	560	35.000	**010102746**	1.469,80
17	450	26.7	11	260	580	39.100	010102748	1.766,60
17	500	29.7	11	300	650	61.800	010102750	2.422,55
17	560	33.2	11	300	680	82.000	010102752	3.095,55
17	630	37.4	11	300	730	95.800	010102754	3.861,20
17	710	42.1	11	350	900	177.000	010022357	6.829,15
17	800	47.4	11	350	950	195.600	010022371	8.877,90
17	900	53.3	11	400	1150	292.000	010022382	10.320,50
17	1000	59.3	11	400	1200	421.000	010022389	13.416,75

Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 17/SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SDR 9 on request, r ~ 2.5 d on request

PE 100 RC inside

Art.code: PE0100-RC—BO–22-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
7.4	110	15.1	22	90	234	2.473	010020794	199,50
7.4	160	21.9	22	120	239	6.678	010020795	293,80
7.4	225	30.8	22	120	266	11.912	010020796	723,05
7.4	315	43.1	22	220	460	37.400	010020797	1.237,75
11	32	3.0	22	50	98	0.067	010102702	44,05
11	40	3.7	22	55	106	0.110	010102703	47,95
11	50	4.6	22	60	130	0.220	010102705	65,90
11	63	5.8	22	70	150	0.350	**010102707**	92,15
11	75	6.8	22	70	155	0.470	010102709	101,15
11	90	8.2	22	80	210	0.973	**010102377**	112,00
11	110	10.0	22	90	220	1.620	**010102379**	144,85
11	125	11.4	22	120	225	2.180	**010102381**	161,35
11	140	12.7	22	120	231	2.510	**010102710**	181,50
11	160	14.6	22	120	239	3.620	**010102384**	212,95
11	180	16.4	22	120	247	4.700	**010102386**	363,15
11	200	18.2	22	120	255	6.070	**010102712**	439,65
11	225	20.5	22	120	266	7.750	**010102388**	524,65
11	250	22.7	22	220	385	14.000	**010102389**	611,55
11	280	25.4	22	220	400	19.200	**010102714**	727,10
11	315	28.6	22	220	460	26.000	**010102392**	898,20
11	355	32.2	22	260	540	37.000	**010102717**	1.643,05
11	400	36.3	22	260	560	45.900	**010102719**	1.806,90
11	450	40.9	22	260	580	60.200	**010102721**	2.220,55
11	500	45.4	22	300	650	83.300	010102723	3.109,80
11	560	50.8	22	300	680	108.600	010102725	4.010,00
11	630	57.2	22	300	730	164.000	010102727	5.153,25
11	710	64.5	22	350	900	267.000	010022348	9.082,80
11	800	72.6	22	350	950	292.500	010022362	12.080,05
11	900	81.8	22	400	1150	506.000	010022500	17.283,75
17	50	3.0	22	60	130	0.160	010102704	54,70
17	63	3.8	22	70	150	0.250	**010102706**	80,10
17	75	4.5	22	70	155	0.360	010102708	85,25
17	90	5.4	22	80	210	0.660	**010102376**	92,00
17	110	6.6	22	90	234	1.140	**010102378**	114,90
17	125	7.4	22	120	225	1.460	**010102380**	130,15
17	140	8.3	22	120	231	1.800	**010102382**	148,10
17	160	9.5	22	120	239	2.420	**010102383**	163,65
17	180	10.7	22	120	247	3.200	**010102385**	266,35
17	200	11.9	22	120	255	4.100	**010102711**	321,90
17	225	13.4	22	120	266	5.340	**010102387**	381,55
17	250	14.8	22	220	385	9.300	**010102713**	461,15
17	280	16.6	22	220	400	12.300	**010102391**	510,25

Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)

SIMONA

1.2.2 Art.code: PE0100-RC—BO–22-LS-NH—SW09500— 0123

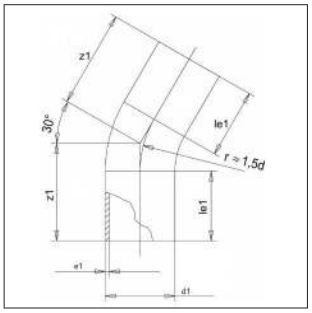
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
17	315	18.7	22	220	460	17.700	**010102715**	670,55
17	355	21.1	22	260	540	26.000	**010102716**	1.058,95
17	400	23.7	22	260	560	35.000	**010102718**	1.469,80
17	450	26.7	22	260	580	39.100	010102720	1.766,60
17	500	29.7	22	300	650	61.800	010102722	2.422,55
17	560	33.2	22	300	680	82.000	**010102724**	3.095,55
17	630	37.4	22	300	730	95.800	010102726	3.861,20
17	710	42.1	22	350	900	177.000	010022355	6.829,15
17	800	47.4	22	350	950	195.600	010022369	8.877,90
17	900	53.3	22	400	1150	231.900	010022380	10.320,50
17	1000	59.3	22	400	1200	421.000	010022387	13.416,75

Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 17/SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SDR 9 on request, r ~ 2.5 d on request

PE 100 RC inside

Art.code: PE0100-RC—BO–30-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
7.4	110	15.1	30	90	234	2.473	010020798	199,50
7.4	160	21.9	30	120	239	6.678	010020799	293,80
7.4	225	30.8	30	120	266	11.912	010020800	723,05
7.4	315	43.1	30	220	460	37.400	010020801	1.237,75
11	32	3.0	30	50	98	0.067	010101471	44,05
11	40	3.7	30	55	106	0.110	010101472	47,95
11	50	4.6	30	60	130	0.220	010101475	65,90
11	63	5.8	30	70	150	0.350	**010101478**	92,15
11	75	6.8	30	70	155	0.470	010101481	101,15
11	90	8.2	30	80	210	0.973	**010101484**	112,00
11	110	10.0	30	90	220	1.620	**010101487**	144,85
11	125	11.4	30	120	225	2.180	**010101490**	161,35
11	140	12.7	30	120	231	2.510	**010101493**	181,50
11	160	14.6	30	120	239	3.620	**010101496**	212,95
11	180	16.4	30	120	247	4.700	**010101499**	363,15
11	200	18.2	30	120	255	6.070	**010101502**	439,65
11	225	20.5	30	120	266	7.750	**010101505**	524,65
11	250	22.7	30	220	385	14.000	**010101508**	611,55
11	280	25.4	30	220	400	19.200	**010101510**	727,10
11	315	28.6	30	220	460	26.000	**010101513**	898,20
11	355	32.2	30	260	540	37.000	**010102691**	1.643,05
11	400	36.3	30	260	560	45.900	**010102693**	1.806,90
11	450	40.9	30	260	580	60.200	**010102695**	2.220,55
11	500	45.4	30	300	650	83.300	**010102697**	3.109,80
11	560	50.8	30	300	680	108.600	010102699	4.010,00
11	630	57.2	30	300	730	164.000	010102701	5.153,25
11	710	64.5	30	350	900	267.000	010022347	9.082,80
11	800	72.6	30	350	950	292.500	010022361	12.080,05
11	900	81.8	30	400	1150	506.000	010022499	17.283,75
17	50	3.0	30	60	130	0.160	010101474	54,70
17	63	3.8	30	70	150	0.250	**010101477**	80,10
17	75	4.5	30	70	155	0.360	010101480	85,25
17	90	5.4	30	80	210	0.660	**010101483**	92,00
17	110	6.6	30	90	234	1.140	**010101486**	114,90
17	125	7.4	30	120	225	1.460	**010101489**	130,15
17	140	8.3	30	120	231	1.800	**010101492**	148,10
17	160	9.5	30	120	239	2.420	**010101495**	163,65
17	180	10.7	30	120	247	3.200	**010101498**	266,35
17	200	11.9	30	120	255	4.100	**010101501**	321,90
17	225	13.4	30	120	266	5.340	**010101504**	381,55
17	250	14.8	30	220	385	9.300	**010101507**	461,15
17	280	16.6	30	250	400	12.300	**010100348**	510,25

Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)

SIMONA

1.2.2 Art.code: PE0100-RC—BO–30-LS-NH—SW09500— 0123

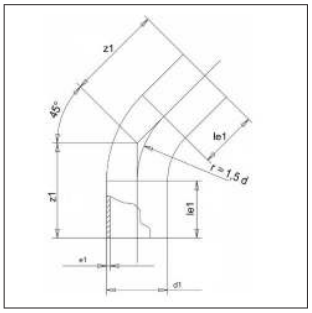
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
17	315	18.7	30	220	460	17.700	**010101512**	670,55
17	355	21.1	30	260	540	26.000	**010102690**	1.058,95
17	400	23.7	30	260	560	35.000	**010102692**	1.469,80
17	450	26.7	30	260	580	39.100	010102694	1.766,60
17	500	29.7	30	300	650	61.800	**010102696**	2.422,55
17	560	33.2	30	300	680	82.000	**010102698**	3.095,55
17	630	37.4	30	300	730	95.800	010102700	3.861,20
17	710	42.1	30	350	900	177.000	010022354	6.829,15
17	800	47.4	30	350	950	195.600	010022368	8.877,90
17	900	53.3	30	400	1150	292.000	010022379	10.320,50
17	1000	59.3	30	400	1200	421.000	010022386	13.416,75

Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 17/SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SDR 9 on request, r ~ 2.5 d on request

PE 100 RC inside

Art.code: PE0100-RC—BO–45-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
7.4	110	15.1	45	90	255	2.113	010020802	202,40
7.4	160	21.9	45	120	274	6.678	010020803	301,65
7.4	225	30.8	45	120	315	12.970	010020804	734,90
7.4	315	43.1	45	220	535	41.600	010020805	1.296,70
11	32	3.0	45	50	105	0.070	010101615	44,05
11	40	3.7	45	55	110	0.116	010101616	48,05
11	50	4.6	45	60	139	0.230	010101619	66,40
11	63	5.8	45	70	161	0.380	**010101622**	92,30
11	75	6.8	45	70	168	0.540	**010101625**	101,70
11	90	8.2	45	80	227	1.050	**010101628**	113,15
11	110	10.0	45	90	255	1.720	**010101631**	146,80
11	125	11.4	45	120	253	2.460	**010101634**	164,20
11	140	12.7	45	120	262	2.850	**010101637**	185,65
11	160	14.6	45	120	274	4.030	**010101640**	218,85
11	180	16.4	45	120	287	5.500	**010101643**	369,75
11	200	18.2	45	120	299	6.600	**010101646**	447,15
11	225	20.5	45	120	315	9.200	**010101648**	533,25
11	250	22.7	45	220	440	14.800	**010101651**	633,50
11	280	25.4	45	220	460	20.050	**010101653**	757,70
11	315	28.6	45	220	535	29.280	**010101656**	940,90
11	355	32.2	45	260	620	42.200	**010102063**	1.643,05
11	400	36.3	45	260	650	56.000	**010102681**	1.806,90
11	450	40.9	45	260	680	69.800	**010102683**	2.220,55
11	500	45.4	45	300	760	102.400	**010102685**	3.109,80
11	560	50.8	45	300	800	116.000	**010102687**	4.010,00
11	630	57.2	45	300	870	186.000	**010102689**	5.153,25
11	710	64.5	45	350	900	286.000	010022346	9.082,80
11	800	72.6	45	350	950	340.000	010022360	12.080,05
11	900	81.8	45	400	1150	550.000	010022498	17.283,75
17	50	3.0	45	60	139	0.160	010101618	54,90
17	63	3.8	45	70	161	0.260	**010101621**	80,45
17	75	4.5	45	70	168	0.400	**010101624**	85,85
17	90	5.4	45	80	227	0.700	**010101627**	92,25
17	110	6.6	45	90	255	1.220	**010101630**	116,30
17	125	7.4	45	120	253	1.600	**010101633**	131,95
17	140	8.3	45	120	262	1.940	**010101636**	150,75
17	160	9.5	45	120	274	2.750	**010101639**	167,25
17	180	10.7	45	120	287	3.500	**010101642**	270,95
17	200	11.9	45	120	299	4.600	**010101645**	326,15
17	225	13.4	45	120	315	6.150	**010102790**	387,05
17	250	14.8	45	220	440	10.400	**010101650**	476,65
17	280	16.6	45	250	460	13.600	**010100336**	529,75

Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)

SIMONA

1.2.2 Art.code: PE0100-RC—BO–45-LS-NH—SW09500— 0123

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
17	315	18.7	45	220	535	19.500	**010101655**	697,75
17	355	21.1	45	260	620	28.500	**010102679**	1.058,95
17	400	23.7	45	260	650	38.800	**010102680**	1.469,80
17	450	26.7	45	260	680	45.300	**010102682**	1.768,10
17	500	29.7	45	300	760	73.900	**010102684**	2.422,55
17	560	33.2	45	300	800	93.000	**010102686**	3.095,55
17	630	37.4	45	300	870	128.000	**010102688**	3.861,20
17	710	42.1	45	350	900	190.200	010022353	6.829,15
17	800	47.4	45	350	950	218.100	010022367	8.877,90
17	900	53.3	45	400	1150	324.900	010022378	10.320,50
17	1000	59.3	45	400	1200	485.000	010022385	13.416,75

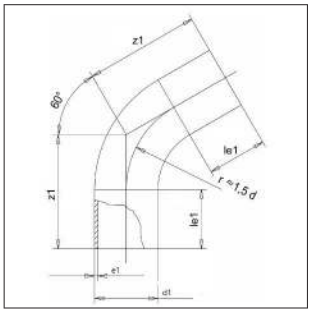
Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)

SIMONA



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 17/SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SDR 9 on request, r ~ 2.5 d on request

PE 100 RC inside

Art.code: PE0100-RC—BO–60-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
7.4	110	15.1	60	90	270	2.383	010020806	205,30
7.4	160	21.9	60	120	313	7.155	010020807	310,90
7.4	225	30.8	60	120	370	13.952	010020808	750,25
7.4	315	43.1	60	220	612	50.670	010020809	1.360,65
11	32	3.0	60	50	113	0.080	010101758	44,20
11	40	3.7	60	55	125	0.120	010101759	48,20
11	50	4.6	60	60	148	0.240	010101762	66,50
11	63	5.8	60	70	173	0.440	010101765	93,20
11	75	6.8	60	70	182	0.600	010101768	102,60
11	90	8.2	60	80	243	1.200	**010101771**	114,30
11	110	10.0	60	90	270	1.770	**010101774**	148,90
11	125	11.4	60	120	283	2.640	010101777	168,25
11	140	12.7	60	120	296	3.340	010101780	190,45
11	160	14.6	60	120	313	4.390	**010101783**	225,55
11	180	16.4	60	120	330	6.260	010101786	378,80
11	200	18.2	60	120	348	7.700	010101789	458,75
11	225	20.5	60	120	370	10.120	010101792	544,35
11	250	22.7	60	220	500	17.040	010101795	655,70
11	280	25.4	60	220	530	23.000	010101798	787,75
11	315	28.6	60	220	612	32.800	**010101801**	987,15
11	355	32.2	60	260	690	48.000	010102668	1.676,75
11	400	36.3	60	260	730	63.000	010102670	1.850,00
11	450	40.9	60	260	780	76.000	010102672	2.274,55
11	500	45.4	60	300	880	116.500	010102674	3.421,05
11	560	50.8	60	300	930	141.000	010102676	4.410,90
11	630	57.2	60	300	1000	198.000	010102678	5.668,70
11	710	64.5	60	350	1150	305.000	010022345	10.081,75
11	800	72.6	60	350	1250	385.300	010022359	13.408,90
11	900	81.8	60	400	1450	600.000	010022497	19.185,00
17	50	3.0	60	60	148	0.170	010101761	55,00
17	63	3.8	60	70	173	0.300	010101764	80,90
17	75	4.5	60	70	182	0.420	010101767	86,15
17	90	5.4	60	80	243	0.780	010101770	93,35
17	110	6.6	60	90	270	1.240	**010101773**	117,95
17	125	7.4	60	120	283	1.670	010101776	134,65
17	140	8.3	60	120	296	2.200	010101779	153,60
17	160	9.5	60	120	313	3.120	**010101782**	171,45
17	180	10.7	60	120	330	3.900	010101785	277,00
17	200	11.9	60	120	348	5.540	010101788	333,75
17	225	13.4	60	120	370	6.810	010101791	393,45
17	250	14.8	60	220	500	11.500	010101794	491,95
17	280	16.6	60	220	530	15.780	010101797	549,50

Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)

SIMONA

1.2.2 Art.code: PE0100-RC—BO–60-LS-NH—SW09500— 0123

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
17	315	18.7	60	220	612	22.000	010101800	727,55
17	355	21.1	60	260	690	30.100	010102667	1.069,10
17	400	23.7	60	260	730	45.000	010102669	1.526,05
17	450	26.7	60	260	780	53.700	010102671	1.856,85
17	500	29.7	60	300	880	78.000	010102673	2.664,70
17	560	33.2	60	300	930	98.000	010102675	3.405,10
17	630	37.4	60	300	1000	132.300	010102677	4.247,20
17	710	42.1	60	350	1150	213.000	010022352	7.580,30
17	800	47.4	60	350	1250	260.700	010022366	9.854,45
17	900	53.3	60	400	1450	385.500	010022377	11.455,80
17	1000	59.3	60	400	1600	507.600	010022384	14.892,50

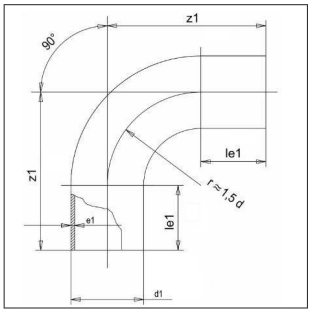
Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)

SIMONA



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 17/SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SDR 9 on request, r ~ 2.5 d on request

PE 100 RC inside

Art.code: PE0100-RC—BO–90-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
7.4	110	15.1	90	90	315	2.720	010020810	207,90
7.4	160	21.9	90	120	415	7.155	010020811	328,00
7.4	225	30.8	90	120	513	16.372	010020812	794,25
7.4	315	43.1	90	220	803	53.000	010020813	1.478,25
11	32	3.0	90	50	133	0.100	**010101927**	44,25
11	40	3.7	90	55	150	0.140	010101928	48,45
11	50	4.6	90	60	185	0.280	**010101931**	66,85
11	63	5.8	90	70	220	0.450	**010101934**	93,45
11	75	6.8	90	70	238	0.650	**010101937**	103,80
11	90	8.2	90	80	310	1.310	**010101940**	116,40
11	110	10.0	90	90	315	1.870	**010101943**	150,75
11	125	11.4	90	120	363	2.920	**010101946**	173,00
11	140	12.7	90	120	385	3.720	010101949	198,90
11	160	14.6	90	120	415	5.320	**010101952**	238,00
11	180	16.4	90	120	445	7.100	**010101955**	400,20
11	200	18.2	90	120	475	9.120	**010101958**	485,75
11	225	20.5	90	120	513	11.430	**010101961**	576,50
11	250	22.7	90	220	650	18.700	**010101964**	697,55
11	280	25.4	90	220	695	24.300	**010101967**	848,55
11	315	28.6	90	220	803	36.800	**010101970**	1.072,70
11	355	32.2	90	260	900	50.700	**010102656**	1.544,40
11	400	36.3	90	260	980	75.000	**010102658**	1.770,65
11	450	40.9	90	260	1070	97.000	**010102660**	2.501,95
11	500	45.4	90	300	1200	131.000	010102662	3.762,90
11	560	50.8	90	300	1290	176.000	010102664	4.851,95
11	630	57.2	90	300	1400	239.000	**010102666**	6.235,35
11	710	64.5	90	350	1415	324.000	010022344	11.190,90
11	800	72.6	90	350	1550	423.000	010022358	14.883,80
11	900	81.8	90	400	1750	615.000	010022496	21.295,40
17	50	3.0	90	60	185	0.180	**010101930**	55,10
17	63	3.8	90	70	220	0.320	**010101933**	81,30
17	75	4.5	90	70	238	0.460	**010101936**	86,95
17	90	5.4	90	80	310	0.860	**010101939**	95,00
17	110	6.6	90	90	315	1.300	**010101942**	118,80
17	125	7.4	90	120	363	1.900	**010101945**	137,65
17	140	8.3	90	120	385	2.660	**010101948**	158,80
17	160	9.5	90	120	415	3.360	**010101951**	179,30
17	180	10.7	90	120	445	4.500	**010101954**	291,45
17	200	11.9	90	120	475	6.260	**010101957**	350,40
17	225	13.4	90	120	513	7.810	**010101960**	413,20
17	250	14.8	90	220	650	12.500	**010101963**	521,40
17	280	16.6	90	220	695	17.100	**010101966**	587,85

Execution in SDR 17, also for SDR 17,6

PE 100 RC Bends, seamless (SDR 17/11/7.4)

SIMONA

1.2.2 Art.code: PE0100-RC—BO–90-LS-NH—SW09500— 0123

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
17	315	18.7	90	220	803	25.000	**010101969**	781,95
17	355	21.1	90	260	900	34.800	**010102655**	1.026,50
17	400	23.7	90	260	980	49.700	**010102657**	1.442,85
17	450	26.7	90	260	1070	65.400	**010102659**	2.042,35
17	500	29.7	90	300	1200	89.000	**010102661**	2.931,30
17	560	33.2	90	300	1290	120.000	**010102663**	3.745,65
17	630	37.4	90	300	1400	169.000	**010102665**	4.671,85
17	710	42.1	90	350	1415	263.000	010022351	8.414,25
17	800	47.4	90	350	1550	284.000	010022365	10.938,45
17	900	53.3	90	400	1750	428.000	010022376	12.715,95
17	1000	59.3	90	400	1900	573.000	010022383	16.530,75

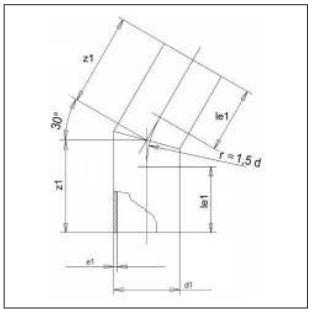
Execution in SDR 17, also for SDR 17,6

PE 100 Bend 30°, segment welded, with pressure reduction factor (SDR 33/17/11)

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Material
PE 100

Colour
black

Execution
segment welded (r = 1.5 d), for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
pressure reduction factor: 0.8

Art.code: PE0100—B0–30-LS-GS—SW09500— 0124

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	attenuation factor	Art. No.	€ / Stk
11	90	8.2	30	100	136	16	0.900	0.8	010101416	95,30
11	110	10.0	30	150	194	16	1.220	0.8	010101419	89,25
11	125	11.4	30	150	200	16	1.630	0.8	010101422	96,15
11	140	12.7	30	150	206	16	2.100	0.8	010101425	111,50
11	160	14.6	30	150	214	16	2.850	0.8	010101428	130,05
11	180	16.4	30	150	222	16	3.740	0.8	010101431	153,05
11	200	18.2	30	150	230	16	4.780	0.8	010101434	178,95
11	225	20.5	30	150	241	16	6.310	0.8	010101437	207,45
11	250	22.7	30	250	350	16	11.400	0.8	010101440	272,45
11	280	25.4	30	250	362	16	14.400	0.8	010101443	323,90
11	315	28.6	30	300	428	16	21.900	0.8	010101446	417,05
11	355	32.2	30	300	443	16	28.600	0.8	010101449	510,05
11	400	36.3	30	300	461	16	38.100	0.8	010101451	629,20
11	450	40.9	30	300	481	16	50.300	0.8	010101453	849,50
11	500	45.4	30	350	551	16	71.100	0.8	010101456	1.212,40
11	560	50.8	30	350	575	16	93.100	0.8	010101459	1.600,75
11	630	57.2	30	350	603	16	110.000	0.8	010101462	2.012,60
17	90	5.4	30	150	136	10	0.370	0.8	010101415	62,90
17	110	6.6	30	150	194	10	0.807	0.8	010101418	77,80
17	125	7.4	30	150	200	10	1.060	0.8	010101421	84,05
17	140	8.3	30	150	206	10	1.370	0.8	010101424	95,85
17	160	9.5	30	150	214	10	1.900	0.8	010101427	104,50
17	180	10.7	30	150	222	10	2.430	0.8	010101430	120,00
17	200	11.9	30	150	230	10	3.120	0.8	010101433	136,85
17	225	13.4	30	150	241	10	4.110	0.8	010101436	157,20
17	250	14.8	30	250	350	10	7.400	0.8	010101439	209,65
17	280	16.6	30	250	362	10	13.200	0.8	010101442	239,80
17	315	18.7	30	300	428	10	14.200	0.8	010101445	303,15
17	355	21.1	30	300	443	10	18.700	0.8	010101448	384,45
17	400	23.7	30	300	461	10	24.800	0.8	010100101	480,90
17	450	26.7	30	300	481	10	32.600	0.8	010100102	647,60
17	500	29.7	30	350	551	10	46.100	0.8	010101455	851,10
17	560	33.2	30	350	575	10	60.300	0.8	010101458	1.036,80
17	630	37.4	30	350	603	10	80.200	0.8	010101461	1.286,80
17	710	42.1	30	350	636	10	110.000	0.8	010101464	1.944,50
17	800	47.4	30	350	672	10	144.000	0.8	010101466	2.293,20
17	900	53.3	30	400	762	10	208.100	0.8	010101468	3.874,85
17	1000	59.3	30	400	802	10	268.900	0.8	010101470	4.167,05
17	1100	64.7	30	500	1250	10	268.900	0.8	010013598	4.375,90
17	1200	71.1	30	500	1250	10	272.900	0.8	010013600	4.626,10
33	90	2.8	30	100	136	5	0.230	0.8	010101414	52,70
33	110	3.4	30	150	194	5	0.500	0.8	010101417	65,05
33	125	3.9	30	150	200	5	0.610	0.8	010101420	75,45
33	140	4.3	30	150	206	5	0.800	0.8	010101423	83,45
33	160	4.9	30	150	214	5	1.100	0.8	010101426	96,60
33	180	5.5	30	150	222	5	1.450	0.8	010101429	99,65
33	200	6.2	30	150	230	5	1.800	0.8	010101432	104,50
33	225	6.9	30	150	241	5	2.350	0.8	010101435	119,30

PE 100 Bend 30°, segment welded, with pressure reduction factor (SDR 33/17/11)

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1.2.2 Art.code: PE0100-—BO-30-LS-GS-—SW09500-— 0124

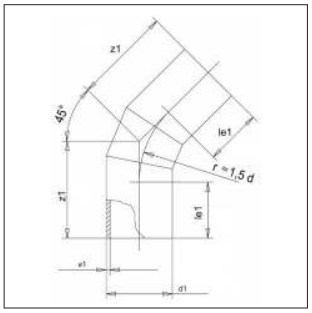
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	attenuation factor	Art. No.	€ / Stk
33	250	7.7	30	250	350	5	4.400	0.8	010101438	147,50
33	280	8.6	30	250	362	5	5.450	0.8	010101441	175,70
33	315	9.7	30	300	428	5	8.100	0.8	010101444	210,30
33	355	10.9	30	300	443	5	10.800	0.8	010101447	262,50
33	400	12.3	30	300	461	5	14.100	0.8	010101450	307,25
33	450	13.8	30	300	481	5	18.400	0.8	010101452	412,65
33	500	15.3	30	350	551	5	26.200	0.8	010101454	522,90
33	560	17.2	30	350	575	5	34.200	0.8	010101457	632,85
33	630	19.3	30	350	603	5	45.800	0.8	010101460	775,80
33	710	21.8	30	350	636	5	60.400	0.8	010101463	1.248,25
33	800	24.5	30	350	672	5	81.400	0.8	010101465	1.572,85
33	900	27.6	30	400	762	5	113.900	0.8	010101467	2.214,70
33	1000	30.6	30	400	802	5	159.500	0.8	010101469	2.554,95
33	1100	33.3	30	500	941	5	268.900	0.8	010013597	2.596,15
33	1200	36.7	30	500	983	5	268.900	0.8	010013599	2.760,40

PE 100 Bend 45°, segment welded, with pressure reduction factor (SDR 33/17/11)

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Material
PE 100

Colour
black

Execution
segment welded (r = 1.5 d), for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
pressure reduction factor: 0.8

Art.code: PE0100—B0–45-LS-GS—SW09500— **0124**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	attenuation factor	Art. No.	€ / Stk
11	90	8.2	45	100	156	16	0.700	0.8	010101558	125,30
11	110	10.0	45	150	218	16	1.350	0.8	010101561	147,55
11	125	11.4	45	150	228	16	1.830	0.8	010101564	171,20
11	140	12.7	45	150	237	16	2.380	0.8	010101567	186,90
11	160	14.6	45	150	249	16	3.270	0.8	010101570	217,20
11	180	16.4	45	150	262	16	4.310	0.8	010101573	252,50
11	200	18.2	45	150	274	16	5.560	0.8	010101576	291,30
11	225	20.5	45	150	290	16	7.420	0.8	010101579	335,75
11	250	22.7	45	250	412	16	12.900	0.8	010101582	417,25
11	280	25.4	45	250	424	16	17.260	0.8	010101585	490,55
11	315	28.6	45	300	498	16	25.000	0.8	010101588	610,95
11	355	32.2	45	300	520	16	33.200	0.8	010101591	737,65
11	400	36.3	45	300	548	16	44.000	0.8	010101594	899,05
11	450	40.9	45	300	580	16	59.200	0.8	010101597	1.090,50
11	500	45.4	45	350	665	16	83.300	0.8	010101600	1.665,30
11	560	50.8	45	350	698	16	110.000	0.8	010101603	2.221,15
11	630	57.2	45	350	741	16	153.000	0.8	010101606	2.876,10
17	90	5.4	45	100	156	10	0.500	0.8	010101557	101,95
17	110	6.6	45	150	218	10	0.900	0.8	010101560	111,60
17	125	7.4	45	150	228	10	1.200	0.8	010101563	122,40
17	140	8.3	45	150	237	10	1.600	0.8	010101566	138,95
17	160	9.5	45	150	249	10	2.130	0.8	010101569	161,05
17	180	10.7	45	150	262	10	2.800	0.8	010101572	181,00
17	200	11.9	45	150	274	10	3.630	0.8	010101575	205,65
17	225	13.4	45	150	290	10	4.830	0.8	010101578	235,70
17	250	14.8	45	250	412	10	8.390	0.8	010101581	299,75
17	280	16.6	45	250	424	10	10.900	0.8	010101584	342,65
17	315	18.7	45	300	498	10	18.300	0.8	010101587	422,85
17	355	21.1	45	300	520	10	21.500	0.8	010101590	527,90
17	400	23.7	45	300	548	10	28.800	0.8	010101593	653,40
17	450	26.7	45	300	580	10	38.300	0.8	010101596	854,95
17	500	29.7	45	350	665	10	54.000	0.8	010101599	1.146,60
17	560	33.2	45	350	698	10	71.400	0.8	010101602	1.399,90
17	630	37.4	45	350	741	10	102.400	0.8	010101605	1.951,25
17	710	42.1	45	350	792	10	134.000	0.8	010101608	2.630,70
17	800	47.4	45	350	847	10	177.000	0.8	010101610	3.220,95
17	900	53.3	45	400	960	10	253.000	0.8	010101612	5.022,95
17	1000	59.3	45	400	1022	10	331.000	0.8	010101614	6.458,00
17	1100	64.7	45	500	1350	10	331.000	0.8	010013602	6.379,20
17	1200	71.1	45	500	1400	10	336.000	0.8	010013604	7.698,90
33	90	2.8	45	100	156	5	0.280	0.8	010101556	82,80
33	110	3.4	45	150	218	5	0.560	0.8	010101559	77,60
33	125	3.9	45	150	228	5	0.680	0.8	010101562	89,95
33	140	4.3	45	150	237	5	0.900	0.8	010101565	99,60
33	160	4.9	45	150	249	5	1.220	0.8	010101568	115,45
33	180	5.5	45	150	262	5	1.600	0.8	010101571	123,00
33	200	6.2	45	150	274	5	2.070	0.8	010101574	142,65
33	225	6.9	45	150	290	5	2.760	0.8	010101577	162,50

PE 100 Bend 45°, segment welded, with pressure reduction factor (SDR 33/17/11)

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1.2.2 Art.code: PE0100—BO-45-LS-GS—SW09500— 0124

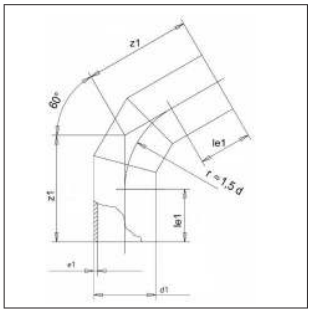
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	attenuation factor	Art. No.	€ / Stk
33	250	7.7	45	250	412	5	4.770	0.8	010101580	196,75
33	280	8.6	45	250	424	5	6.220	0.8	010101583	232,70
33	315	9.7	45	300	498	5	9.210	0.8	010101586	276,05
33	355	10.9	45	300	520	5	12.400	0.8	010101589	333,15
33	400	12.3	45	300	548	5	16.400	0.8	010101592	421,65
33	450	13.8	45	300	580	5	21.800	0.8	010101595	627,95
33	500	15.3	45	350	665	5	30.700	0.8	010101598	789,40
33	560	17.2	45	350	698	5	40.700	0.8	010101601	950,80
33	630	19.3	45	350	741	5	54.500	0.8	010101604	1.255,75
33	710	21.8	45	350	792	5	74.100	0.8	010101607	1.616,25
33	800	24.5	45	350	847	5	100.000	0.8	010101609	2.118,70
33	900	27.6	45	400	960	5	133.000	0.8	010101611	2.837,90
33	1000	30.6	45	400	1022	5	196.000	0.8	010101613	3.589,65
33	1100	33.3	45	500	1181	5	331.000	0.8	010013601	3.436,70
33	1200	36.7	45	500	1241	5	331.000	0.8	010013603	4.171,00

PE 100 Bend 60°, segment welded, with pressure reduction factor (SDR 33/17/11)

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Material
PE 100

Colour
black

Execution
segment welded (r = 1.5 d), for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
pressure reduction factor: 0.8

Art.code: PE0100—B0–60-LS-GS—SW09500— **0124**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	attenuation factor	Art. No.	€ / Stk
11	90	8.2	60	100	178	16	0.780	0.8	010101701	126,05
11	110	10.0	60	150	245	16	1.490	0.8	010101704	148,75
11	125	11.4	60	150	258	16	2.030	0.8	010101707	173,10
11	140	12.7	60	150	271	16	2.680	0.8	010101710	189,65
11	160	14.6	60	150	288	16	3.710	0.8	010101713	221,20
11	180	16.4	60	150	305	16	4.960	0.8	010101716	258,30
11	200	18.2	60	150	323	16	6.440	0.8	010101719	299,95
11	225	20.5	60	150	345	16	8.680	0.8	010101722	347,65
11	250	22.7	60	250	468	16	14.600	0.8	010101725	433,65
11	280	25.4	60	250	492	16	19.300	0.8	010101728	513,20
11	315	28.6	60	300	576	16	28.400	0.8	010101731	643,40
11	355	32.2	60	300	608	16	38.100	0.8	010101734	790,50
11	400	36.3	60	300	646	16	51.400	0.8	010101737	1.044,95
11	450	40.9	60	300	689	16	69.300	0.8	010101740	1.410,80
11	500	45.4	60	350	783	16	97.000	0.8	010101743	2.005,15
11	560	50.8	60	350	835	16	126.000	0.8	010101746	2.431,90
11	630	57.2	60	350	896	16	176.000	0.8	010101749	3.136,40
17	90	5.4	60	100	178	10	0.540	0.8	010101700	102,50
17	110	6.6	60	150	245	10	1.010	0.8	010101703	112,35
17	125	7.4	60	150	258	10	1.330	0.8	010101706	123,70
17	140	8.3	60	150	271	10	1.750	0.8	010101709	140,80
17	160	9.5	60	150	288	10	2.420	0.8	010101712	163,55
17	180	10.7	60	150	305	10	3.220	0.8	010101715	185,25
17	200	11.9	60	150	323	10	4.210	0.8	010101718	211,20
17	225	13.4	60	150	345	10	5.650	0.8	010101721	243,05
17	250	14.8	60	250	468	10	9.250	0.8	010101724	311,10
17	280	16.6	60	250	492	10	13.000	0.8	010101727	357,20
17	315	18.7	60	300	576	10	18.400	0.8	010101730	443,75
17	355	21.1	60	300	608	10	24.700	0.8	010101733	573,35
17	400	23.7	60	300	646	10	33.400	0.8	010101736	766,65
17	450	26.7	60	300	689	10	45.000	0.8	010101739	995,45
17	500	29.7	60	350	783	10	62.900	0.8	010101742	1.348,60
17	560	33.2	60	350	835	10	83.900	0.8	010101745	1.727,50
17	630	37.4	60	350	896	10	113.000	0.8	010101748	2.669,10
17	710	42.1	60	350	965	10	156.000	0.8	010101751	2.786,75
17	800	47.4	60	350	1043	10	213.000	0.8	010101753	3.442,00
17	900	53.3	60	400	1179	10	302.000	0.8	010101755	5.401,45
17	1000	59.3	60	400	1256	10	396.000	0.8	010101757	6.320,15
17	1100	64.7	60	500	1450	10	396.000	0.8	010013606	7.348,70
17	1200	71.1	60	500	1450	10	402.000	0.8	010013608	8.955,65
33	90	2.8	60	100	178	5	0.290	0.8	010101699	83,05
33	110	3.4	60	150	245	5	0.580	0.8	010101702	90,30
33	125	3.9	60	150	258	5	0.765	0.8	010101705	104,65
33	140	4.3	60	150	271	5	1.010	0.8	010101708	100,60
33	160	4.9	60	150	288	5	1.380	0.8	010101711	116,85
33	180	5.5	60	150	305	5	1.840	0.8	010101714	124,90
33	200	6.2	60	150	323	5	2.380	0.8	010101717	145,40
33	225	6.9	60	150	345	5	3.200	0.8	010101720	166,55

PE 100 Bend 60°, segment welded, with pressure reduction factor (SDR 33/17/11)

SIMONA

1.2.2 Art.code: PE0100-—BO-60-LS-GS-—SW09500-— 0124

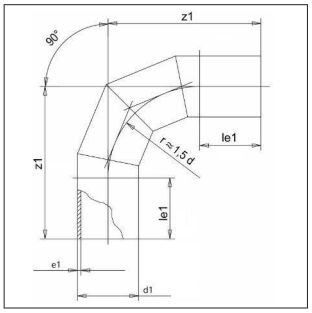
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	attenuation factor	Art. No.	€ / Stk
33	250	7.7	60	250	466	5	5.400	0.8	010101723	202,25
33	280	8.6	60	250	492	5	7.100	0.8	010101726	241,10
33	315	9.7	60	300	576	5	10.500	0.8	010101729	286,90
33	355	10.9	60	300	608	5	14.200	0.8	010101732	349,70
33	400	12.3	60	300	646	5	18.900	0.8	010101735	431,60
33	450	13.8	60	300	689	5	25.400	0.8	010101738	636,80
33	500	15.3	60	350	783	5	35.600	0.8	010101741	798,35
33	560	17.2	60	350	835	5	47.500	0.8	010101744	974,35
33	630	19.3	60	350	896	5	64.500	0.8	010101747	1.194,80
33	710	21.8	60	350	965	5	88.300	0.8	010101750	1.795,65
33	800	24.5	60	350	1043	5	120.000	0.8	010101752	2.242,35
33	900	27.6	60	400	1179	5	170.000	0.8	010101754	3.067,65
33	1000	30.6	60	400	1256	5	225.000	0.8	010101756	3.278,10
33	1100	33.3	60	500	1442	5	396.000	0.8	010013605	3.953,70
33	1200	36.7	60	500	1530	5	396.000	0.8	010013607	4.844,90

PE 100 Bend 90°, segment welded, with pressure reduction factor (SDR 33/17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
segment welded (r = 1.5 d), for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
pressure reduction factor: 0.8

Art.code: PE0100—B0–90-LS-GS—SW09500— **0124**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	attenuation factor	Art. No.	€ / Stk
11	90	8.2	90	100	285	16	0.930	0.8	010101846	186,05
11	110	10.0	90	150	315	16	1.800	0.8	010101849	218,90
11	125	11.4	90	150	338	16	2.450	0.8	010101852	254,20
11	140	12.7	90	150	360	16	3.250	0.8	010101855	276,95
11	160	14.6	90	150	390	16	4.600	0.8	010101858	322,60
11	180	16.4	90	150	420	16	6.200	0.8	010101861	375,50
11	200	18.2	90	150	450	16	8.200	0.8	010101864	433,95
11	225	20.5	90	150	488	16	11.200	0.8	010101867	502,35
11	250	22.7	90	250	625	16	17.600	0.8	010101870	611,05
11	280	25.4	90	250	670	16	23.800	0.8	010101873	720,60
11	315	28.6	90	300	773	16	34.900	0.8	010101876	890,40
11	355	32.2	90	300	833	16	47.400	0.8	010101879	1.081,20
11	400	36.3	90	300	900	16	64.700	0.8	010101882	1.366,85
11	450	40.9	90	300	975	16	88.200	0.8	010101885	1.700,00
11	500	45.4	90	350	1100	16	123.000	0.8	010101888	2.544,00
11	560	50.8	90	350	1190	16	167.000	0.8	010101891	3.413,55
11	630	57.2	90	350	1295	16	229.000	0.8	010101894	4.355,45
17	90	5.4	90	100	285	10	0.640	0.8	010101845	151,45
17	110	6.6	90	150	315	10	1.160	0.8	010101848	165,80
17	125	7.4	90	150	338	10	1.590	0.8	010101851	181,65
17	140	8.3	90	150	360	10	2.110	0.8	010101854	206,50
17	160	9.5	90	150	390	10	2.980	0.8	010101857	239,65
17	180	10.7	90	150	420	10	4.000	0.8	010101860	269,45
17	200	11.9	90	150	450	10	5.300	0.8	010101863	306,75
17	225	13.4	90	150	488	10	7.200	0.8	010101866	352,85
17	250	14.8	90	250	625	10	11.600	0.8	010101869	439,15
17	280	16.6	90	250	670	10	15.700	0.8	010101872	504,15
17	315	18.7	90	300	773	10	22.600	0.8	010101875	617,65
17	355	21.1	90	300	833	10	30.700	0.8	010101878	819,45
17	400	23.7	90	300	900	10	42.000	0.8	010101881	1.015,80
17	450	26.7	90	300	975	10	57.100	0.8	010101884	1.316,65
17	500	29.7	90	350	1100	10	80.000	0.8	010101887	1.796,55
17	560	33.2	90	350	1190	10	118.000	0.8	010101890	2.239,25
17	630	37.4	90	350	1295	10	148.000	0.8	010101893	2.927,80
17	710	42.1	90	350	1415	10	204.000	0.8	010101896	4.141,65
17	800	47.4	90	350	1550	10	282.000	0.8	010101898	5.362,10
17	900	53.3	90	400	1750	10	403.000	0.8	010101900	7.536,20
17	1000	59.3	90	400	1900	10	530.000	0.8	010101902	8.305,65
17	1100	64.7	90	400	2050	10	530.000	0.8	010013610	10.171,95
17	1200	71.1	90	500	2200	10	537.400	0.8	010013612	12.422,10
33	90	2.8	90	100	285	5	0.350	0.8	010101844	123,60
33	110	3.4	90	150	315	5	0.700	0.8	010101847	133,75
33	125	3.9	90	150	338	5	0.920	0.8	010101850	154,90
33	140	4.3	90	150	360	5	1.220	0.8	010101853	148,35
33	160	4.9	90	150	390	5	1.690	0.8	010101856	171,90
33	180	5.5	90	150	420	5	2.290	0.8	010101859	183,65
33	200	6.2	90	150	450	5	2.900	0.8	010101862	212,90
33	225	6.9	90	150	488	5	4.100	0.8	010101865	243,25

PE 100 Bend 90°, segment welded, with pressure reduction factor (SDR 33/17/11)

SIMONA

1.2.2 Art.code: PE0100-—BO-90-LS-GS—SW09500— 0124

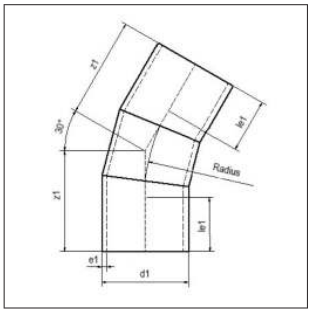
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	attenuation factor	Art. No.	€ / Stk
33	250	7.7	90	250	625	5	6.600	0.8	010101868	289,85
33	280	8.6	90	250	670	5	8.800	0.8	010101871	343,40
33	315	9.7	90	300	773	5	12.800	0.8	010101874	405,25
33	355	10.9	90	300	833	5	17.600	0.8	010101877	514,15
33	400	12.3	90	300	900	5	23.800	0.8	010101880	616,75
33	450	13.8	90	300	975	5	32.300	0.8	010101883	970,55
33	500	15.3	90	350	1100	5	45.300	0.8	010101886	1.223,45
33	560	17.2	90	350	1190	5	60.900	0.8	010101889	1.526,65
33	630	19.3	90	350	1295	5	83.500	0.8	010101892	1.937,35
33	710	21.8	90	350	1415	5	116.000	0.8	010101895	2.335,65
33	800	24.5	90	350	1550	5	159.000	0.8	010101897	3.767,75
33	900	27.6	90	400	1750	5	224.000	0.8	010101899	4.052,40
33	1000	30.6	90	400	1900	5	304.000	0.8	010101901	4.804,15
33	1100	33.3	90	400	2050	5	530.000	0.8	010013609	5.476,55
33	1200	36.7	90	500	2200	5	530.000	0.8	010013611	6.725,10

PE 100 Bend 30°, segment welded, fully compressible (SDR 33/26/17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
segment welded (r = 1.5 d), for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
With reinforcement for full service pressure

Art.code: PE0100—B0–30-LS-GV—SW09500— **0124**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	r (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	560	50.8	30	350	651	2.8	16	105.385	010057994	3.542,10
11	630	57.2	30	350	667	2.6	16	136.142	010057995	3.801,10
11	710	64.5	30	350	769	2.8	16	198.975	010057996	4.336,50
11	800	72.6	30	350	790	2.5	16	260.735	010057997	5.245,15
11	900	81.8	30	400	864	2.4	16	360.588	010057998	5.921,75
11	1000	90.9	30	400	963	2.5	16	496.320	010057999	7.168,40
17	560	33.2	30	350	651	2.8	10	71.461	010057962	2.491,25
17	630	37.4	30	350	667	2.6	10	92.788	010057963	2.815,50
17	710	42.1	30	350	769	2.8	10	135.181	010057964	3.276,70
17	800	47.4	30	350	790	2.5	10	176.426	010057965	3.567,70
17	900	53.3	30	400	864	2.4	10	244.380	010057966	4.306,30
17	1000	59.3	30	400	963	2.5	10	334.683	010057967	4.996,60
17	1100	64.7	30	500	1178	2.3	10	455.645	010057968	5.771,00
17	1200	71.1	30	500	1111	2.3	10	558.021	010057969	6.527,25
26	560	21.4	30	350	651	2.8	6.3	47.210	010057930	2.276,45
26	630	24.1	30	350	667	2.6	6.3	61.330	010057931	2.522,10
26	710	27.2	30	350	769	2.8	6.3	89.615	010057932	2.914,60
26	800	30.6	30	350	790	2.5	6.3	116.628	010057933	3.134,45
26	900	34.4	30	400	864	2.4	6.3	161.325	010057934	3.657,70
26	1000	38.2	30	400	963	2.5	6.3	222.488	010057935	4.230,20
26	1100	42.3	30	500	1178	2.3	6.3	305.196	010057936	4.882,55
26	1200	45.9	30	500	1111	2.3	6.3	369.085	010057937	5.348,75
33	560	17.2	30	350	651	2.8	5	38.310	010057898	2.085,10
33	630	19.3	30	350	667	2.6	5	49.566	010057899	2.285,45
33	710	21.8	30	350	769	2.8	5	72.451	010057900	2.615,50
33	800	24.5	30	350	790	2.5	5	94.302	010057901	2.762,25
33	900	27.6	30	400	864	2.4	5	130.564	010057902	3.189,75
33	1000	30.6	30	400	963	2.5	5	178.942	010057903	3.651,05
33	1100	33.3	30	500	1178	2.3	5	242.868	010057904	4.127,75
33	1200	36.7	30	500	1111	2.3	5	296.586	010057905	4.522,70

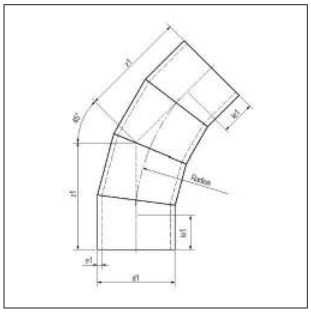
PE 100 Bend 45°, segment welded, fully compressible (SDR 33/26/17/11)

SIMONA

1.2.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
segment welded (r = 1.5 d), for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
With reinforcement for full service pressure

0124

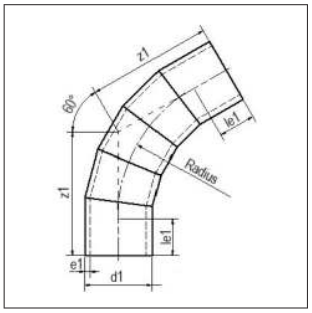
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	r (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	560	50.8	45	350	853	2.5	16	135.510	010058000	4.802,15
11	630	57.2	45	350	872	2.3	16	174.555	010058001	5.155,35
11	710	64.5	45	350	1065	2.9	16	269.515	010058002	5.928,15
11	800	72.6	45	350	1098	2.6	16	351.804	010058003	7.212,45
11	900	81.8	45	400	1173	2.3	16	477.374	010058004	8.068,05
11	1000	90.9	45	400	1354	2.7	16	680.757	010058005	9.939,50
17	560	33.2	45	350	853	2.5	10	91.888	010057970	3.271,70
17	630	37.4	45	350	872	2.3	10	118.968	010057971	3.729,50
17	710	42.1	45	350	1065	2.9	10	183.106	010057972	4.393,60
17	800	47.4	45	350	1098	2.6	10	238.047	010057973	4.784,45
17	900	53.3	45	400	1173	2.3	10	323.528	010057974	5.779,55
17	1000	59.3	45	400	1354	2.7	10	459.054	010057975	6.808,55
17	1100	64.7	45	500	1480	2.5	10	607.187	010057976	7.777,30
17	1200	71.1	45	500	1515	2.3	10	741.658	010057977	8.826,45
26	560	21.4	45	350	853	2.5	6.3	60.706	010057938	2.966,85
26	630	24.1	45	350	872	2.3	6.3	78.634	010057939	3.313,70
26	710	27.2	45	350	1065	2.9	6.3	121.385	010057940	3.875,90
26	800	30.6	45	350	1098	2.6	6.3	157.364	010057941	4.171,30
26	900	34.4	45	400	1173	2.3	6.3	213.574	010057942	4.876,45
26	1000	38.2	45	400	1354	2.7	6.3	305.167	010057943	5.724,15
26	1100	42.3	45	500	1480	2.5	6.3	406.701	010057944	6.549,20
26	1200	45.9	45	500	1515	2.3	6.3	490.546	010057945	7.192,10
33	560	17.2	45	350	853	2.5	5	49.261	010057906	2.692,25
33	630	19.3	45	350	872	2.3	5	63.551	010057907	2.971,15
33	710	21.8	45	350	1065	2.9	5	98.136	010057908	3.443,75
33	800	24.5	45	350	1098	2.6	5	127.390	010057909	3.640,80
33	900	27.6	45	400	1173	2.3	5	172.580	010057910	4.213,35
33	1000	30.6	45	400	1354	2.7	5	245.438	010057911	4.897,25
33	1100	33.3	45	500	1480	2.5	5	323.642	010057912	5.499,70
33	1200	36.7	45	500	1515	2.3	5	394.189	010057913	6.027,50

PE 100 Bend 60°, segment welded, fully compressible (SDR 33/26/17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
segment welded (r = 1.5 d), for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
With reinforcement for full service pressure

0124

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	r (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	560	50.8	60	350	1081	2.5	16	165.635	010058006	6.063,70
11	630	57.2	60	350	1103	2.3	16	212.968	010058007	6.511,15
11	710	64.5	60	350	1398	2.9	16	340.055	010058008	7.521,45
11	800	72.6	60	350	1436	2.6	16	442.873	010058009	9.181,40
11	900	81.8	60	400	1516	2.3	16	594.160	010058010	10.216,40
11	1000	90.9	60	400	1792	2.7	16	865.193	010058011	12.712,60
17	560	33.2	60	350	1081	2.5	10	112.315	010057978	4.053,75
17	630	37.4	60	350	1103	2.3	10	145.149	010057979	4.645,00
17	710	42.1	60	350	1398	2.9	10	231.030	010057980	5.512,20
17	800	47.4	60	350	1436	2.6	10	299.668	010057981	6.002,90
17	900	53.3	60	400	1516	2.3	10	402.677	010057982	7.254,85
17	1000	59.3	60	400	1792	2.7	10	583.425	010057983	8.622,55
17	1100	64.7	60	500	1922	2.5	10	758.728	010057984	9.786,15
17	1200	71.1	60	500	1693	2.3	10	925.296	010057985	11.128,15
26	560	21.4	60	350	1081	2.5	6.3	74.201	010057946	3.658,75
26	630	24.1	60	350	1103	2.3	6.3	95.939	010057947	4.106,85
26	710	27.2	60	350	1398	2.9	6.3	153.155	010057948	4.838,90
26	800	30.6	60	350	1436	2.6	6.3	198.099	010057949	5.209,85
26	900	34.4	60	400	1516	2.3	6.3	265.823	010057950	6.097,25
26	1000	38.2	60	400	1792	2.7	6.3	387.845	010057951	7.220,20
26	1100	42.3	60	500	1922	2.5	6.3	508.205	010057952	8.218,40
26	1200	45.9	60	500	1963	2.3	6.3	612.007	010057953	9.037,95
33	560	17.2	60	350	1081	2.5	5	60.212	010057914	3.300,90
33	630	19.3	60	350	1103	2.3	5	77.537	010057915	3.658,35
33	710	21.8	60	350	1398	2.9	5	123.822	010057916	4.273,75
33	800	24.5	60	350	1436	2.6	5	160.177	010057917	4.521,05
33	900	27.6	60	400	1516	2.3	5	215.137	010057918	5.239,00
33	1000	30.6	60	400	1792	2.7	5	311.934	010057919	6.145,50
33	1100	33.3	60	500	1922	2.5	5	404.416	010057920	6.874,20
33	1200	36.7	60	500	1963	2.3	5	491.791	010057921	7.534,80

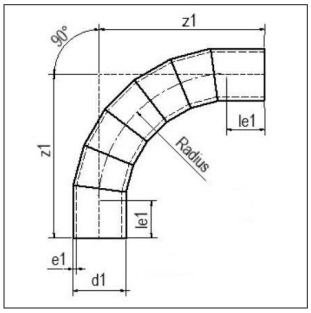
PE 100 Bend 90°, segment welded, fully compressible (SDR 33/26/17/11)

SIMONA

1.2.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
segment welded (r = 1.5 d), for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
With reinforcement for full service pressure

0124

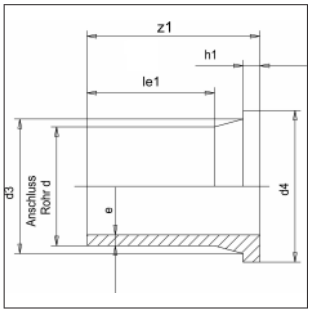
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	r (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	560	50.8	90	350	1673	2.5	16	225.884	010058012	8.586,00
11	630	57.2	90	350	1701	2.3	16	289.793	010058013	9.221,80
11	710	64.5	90	350	2263	2.9	16	481.135	010058014	10.707,10
11	800	72.6	90	350	2311	2.6	16	625.010	010058015	13.118,35
11	900	81.8	90	400	2405	2.3	16	827.731	010058016	14.511,90
11	1000	90.9	90	400	2926	2.7	16	1234.065	010058017	18.257,60
17	560	33.2	90	350	1673	2.5	10	153.170	010057986	5.616,90
17	630	37.4	90	350	1701	2.3	10	197.510	010057987	6.475,15
17	710	42.1	90	350	2263	2.9	10	326.878	010057988	7.748,50
17	800	47.4	90	350	2311	2.6	10	422.911	010057989	8.438,80
17	900	53.3	90	400	2405	2.3	10	560.974	010057990	10.204,25
17	1000	59.3	90	400	2926	2.7	10	832.167	010057991	12.249,40
17	1100	64.7	90	500	3070	2.5	10	1061.811	010057992	13.802,45
17	1200	71.1	90	500	3123	2.3	10	1292.571	010057993	15.730,15
26	560	21.4	90	350	1673	2.5	6.3	101.192	010057954	5.041,65
26	630	24.1	90	350	1701	2.3	6.3	130.548	010057955	5.692,25
26	710	27.2	90	350	2263	2.9	6.3	216.694	010057956	6.763,90
26	800	30.6	90	350	2311	2.6	6.3	279.570	010057957	7.285,95
26	900	34.4	90	400	2405	2.3	6.3	370.322	010057958	8.537,60
26	1000	38.2	90	400	2926	2.7	6.3	553.202	010057959	10.211,05
26	1100	42.3	90	500	3070	2.5	6.3	711.213	010057960	11.555,30
26	1200	45.9	90	500	3123	2.3	6.3	854.959	010057961	12.728,20
33	560	17.2	90	350	1673	2.5	5	82.115	010057922	4.517,30
33	630	19.3	90	350	1701	2.3	5	105.507	010057923	5.031,90
33	710	21.8	90	350	2263	2.9	5	175.192	010057924	5.932,70
33	800	24.5	90	350	2311	2.6	5	226.052	010057925	6.280,60
33	900	27.6	90	400	2405	2.3	5	299.709	010057926	7.289,10
33	1000	30.6	90	400	2926	2.7	5	444.926	010057927	8.640,80
33	1100	33.3	90	500	3070	2.5	5	565.965	010057928	9.621,70
33	1200	36.7	90	500	3123	2.3	5	686.997	010057929	10.547,95

PE 100 RC Stub flanges for loose flange ISO/DIN, injected (SDR 26/17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
Stub flanges for loose flange ANSI or JIS on request

PE 100 RC inside

Art.code: PE0100——VB—LS—FG–DN-SW09500— 0121

SDR	d (mm)	e (mm)	d3 (mm)	d4 (mm)	le1 (mm)	z1 (mm)	h1 (mm)	Art. No.	€ / Stk
11	20	2.0	27	45	62	85	7	**019400116**	9,90
11	25	2.3	33	58	62	90	9	**019400117**	10,25
11	32	3.0	40	68	62	91.5	10	**019400105**	11,85
11	40	3.7	50	78	61.5	94.5	11	**019400106**	14,10
11	50	4.6	60	88	62	90	12	**019400108**	17,90
11	63	5.8	75	102	70	106	14	**019400034**	20,85
11	75	6.8	89	122	90	125	16	**019400035**	26,35
11	90	8.2	105	138	100	140	17	**019400037**	34,60
11	110	10.0	125	158	113	160	18	**019400039**	43,15
11	125	11.4	132	158	122	172	25	**019400041**	53,20
11	140	12.7	155	188	130	182	25	**019400111**	68,25
11	160	14.6	175	212	155	208	25	**019400043**	76,20
11	180	16.4	186	212	140	202	30	**019400046**	120,00
11	200	18.2	232	268	140	206	32	**019400112**	136,95
11	225	20.5	235	268	137	202	32	**019400050**	147,45
11	250	22.7	285	320	143	225	35	**019400129**	226,10
11	280	25.4	291	320	155	235	35	**019400132**	298,75
11	315	28.6	335	370	170	250	35	**019400134**	378,90
11	355	32.2	373	430	176	260	40	**019400192**	655,60
11	400	36.3	427	482	195	290	46	**019400194**	1.156,35
11	450	40.9	514	585	210	335	60	**010030433**	1.688,30
11	500	45.4	532	585	230	350	60	**010030434**	2.099,60
11	560	50.8	615	685	240	370	60	**010030435**	2.454,60
11	630	57.2	644	685	260	390	60	**010030436**	2.846,05
17	50	3.0	60	88	62	90	12	**019400107**	17,75
17	63	3.8	75	102	70	106	14	**019400119**	20,85
17	75	4.5	89	122	90	125	16	**019400109**	26,35
17	90	5.4	105	138	100	140	17	**019400121**	34,35
17	110	6.6	125	158	113	158	18	**019400122**	42,90
17	125	7.4	132	158	122	167	18	**019400123**	53,10
17	140	8.3	153	188	128	173	18	**019400110**	68,25
17	160	9.5	175	212	165	208	18	**019400042**	77,10
17	180	10.7	186	212	140	202	20	**019400045**	120,75
17	200	11.9	232	268	142	208	24	**019400126**	136,20
17	225	13.4	235	268	135	201	24	**019400049**	147,45
17	250	14.8	285	320	156	225	25	**019400128**	178,05
17	280	16.6	291	320	167	236	25	**019400131**	269,00
17	315	18.7	335	370	180	250	25	**019400133**	352,80
17	355	21.1	373	430	179	261	30	**019400191**	610,15
17	400	23.7	427	482	195	290	33	**019400193**	1.076,05

* on request
Execution in SDR 17, also for SDR 17,6 ● Dimensions d 710, d 800 and d 900 with extended pipe

PE 100 RC Stub flanges for loose flange ISO/DIN, injected (SDR 26/17/11)

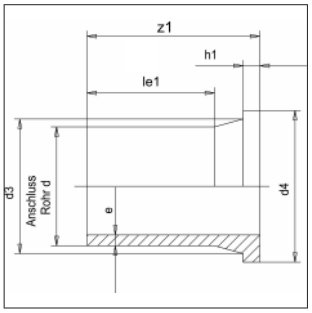
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1.2.2 Art.code: PE0100-—VB—LS—FG–DN-SW09500— 0121

SDR	d (mm)	e (mm)	d3 (mm)	d4 (mm)	le1 (mm)	z1 (mm)	h1 (mm)	Art. No.	€ / Stk
17	450	26.7	514	585	225	335	46	**010030429**	1.328,55
17	500	29.7	532	585	240	350	46	**010030430**	1.707,60
17	560	33.2	616	685	250	370	50	**010030431**	1.801,50
17	630	37.4	644	685	270	390	50	**010030432**	2.318,05
26	200	7.7	232	268	142	208	24	010052188	*
26	250	9.6	285	320	156	225	20	010042510	*
26	315	12.1	335	370	180	250	25	010052189	*
26	400	15.3	427	482	195	290	33	010052190	*
26	450	17.2	514	585	225	335	46	010052191	*
26	500	19.1	532	585	240	350	46	010052192	*
26	630	24.1	644	685	270	390	50	010052193	*

* on request
Execution in SDR 17, also for SDR 17,6 ● Dimensions d 710, d 800 and d 900 with extended pipe

PE 100 RC Stub flanges for loose flange ISO/DIN, injected, extended with pipe (SDR 33/26/17/11)



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
Stub flanges for loose flange ANSI or JIS on request

Art.code: PE0100——VB—LS—GS–DN-SW09500— **0124**

SDR	d	e	d3	d4	le1	z1	h1	Art. No.	€ / Stk
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		
11	710	64.5	737	800	300	450	70	010022570	3.429,55
17	710	42.1	737	800	300	450	50	**010022568**	2.998,60
17	800	47.4	840	905	320	470	52	010033922	3.755,00
17	900	53.3	944	1005	350	505	55	010033925	4.527,90
26	710	27.2	737	800	300	450	50	010033921	2.799,85
26	800	30.6	840	905	320	470	40	010033923	3.337,90
26	900	34.4	944	1005	350	505	43	010033926	3.972,70
33	710	21.8	737	800	300	450	50	010022569	2.517,90
33	800	24.5	840	905	320	470	36	010033924	3.080,80
33	900	27.6	944	1005	350	505	40	010033927	3.795,25

Execution in SDR 17, also for SDR 17,6

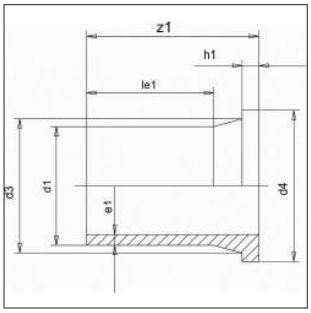
PE 100 Stub flanges for loose flange ISO/DIN, with elongated pipe (SDR 33/26/17/11)

SIMONA

1.2.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3

Remark
with elongated pipe

Art.code: PE0100——VB—LS—GS–DN-SW09500— **0124**

SDR	d (mm)	e (mm)	d3 (mm)	d4 (mm)	z1 (mm)	h1 (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	800	72.6	840	900	480	83	16	88.000	010058310	*
11	900	81.7	944	1000	540	91	16	124.000	010058311	*
11	1000	90.8	1047	1115	560	101	16	160.000	010058313	*
17	1000	59.3	1047	1115	530	72	10	104.000	010058314	*
17	1100	64.7	1245	1330	640	96	10	191.000	010058316	*
17	1200	71.1	1245	1330	590	84	10	165.000	010058320	*
26	1000	38.2	1047	1110	510	53	6.3	68.000	010058315	*
26	1100	42.3	1245	1330	610	72	6.3	134.000	010058317	*
26	1200	45.9	1245	1330	570	61	6.3	109.000	010058321	*
33	1000	30.6	1047	1110	500	46	5	55.000	010058312	*
33	1100	33.3	1245	1330	600	63	5	112.000	010058318	*
33	1200	36.7	1245	1330	400	53	5	88.000	010058319	*

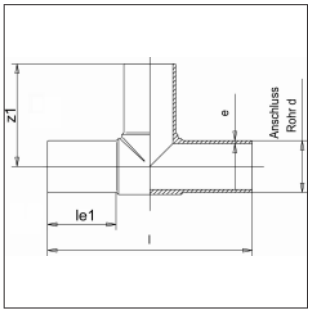
* on request
Execution in SDR 17, also for SDR 17,6

PE 100 RC Tees, injected (SDR 17/11)

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Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

PE 100 RC inside

Art.code: PE0100—TS—LS—FG—SW09500— **0121**

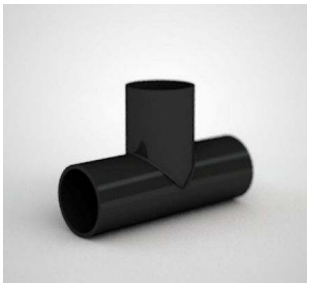
SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	20	1.9	41	54	108	0.020	**010300713**	12,75
11	25	2.3	41	60	120	0.033	**010300714**	14,60
11	32	3.0	46	67	134	0.060	**010300592**	17,35
11	40	3.7	52	82	164	0.112	**010300593**	20,80
11	50	4.6	57	92	184	0.187	**010300595**	27,60
11	63	5.8	65	105	210	0.335	**010300597**	37,45
11	75	6.8	72	122	244	0.545	**010300128**	57,05
11	90	8.2	80	137	274	0.940	**010300600**	87,60
11	110	10.0	88	161	322	1.579	**010300602**	124,30
11	125	11.4	98	175	350	2.240	**010300129**	175,35
11	140	12.7	104	200	400	3.180	**010300605**	264,75
11	160	14.6	104	206	412	4.290	**010300130**	307,25
11	180	16.4	143	260	520	6.890	**010300131**	434,40
11	200	18.2	124	250	500	8.330	**010300609**	625,30
11	225	20.5	128	277	554	11.675	**010300133**	740,75
11	250	22.7	132	291	582	13.950	**010300135**	1.051,45
11	280	25.4	139	315	630	18.860	**010300611**	1.351,95
11	315	28.6	153	345	690	26.370	**010300613**	2.019,55
11	355	32.2	167	410	820	38.100	**019300087**	2.628,60
11	400	36.3	197	457	914	52.010	**019300089**	3.928,40
11	450	40.9	198	477	954	74.585	**019300206**	5.555,35
11	500	45.4	218	525	1050	100.000	**019300208**	7.057,15
11	560	50.8	245	600	1200	142.000	**010030447**	9.144,75
11	630	57.2	265	650	1300	188.000	**010030448**	12.453,70
17	50	2.9	57	90	180	0.130	**010300594**	26,10
17	63	3.8	64	106	212	0.238	**010300596**	32,75
17	75	4.5	72	122	244	0.395	**010300598**	49,20
17	90	5.4	81	137	274	0.690	**010300599**	74,45
17	110	6.6	84	160	320	1.120	**010300601**	105,85
17	125	7.4	100	174	348	1.564	**010300603**	149,00
17	140	8.3	104	197	394	2.215	**010300604**	226,25
17	160	9.5	104	205	410	3.010	**010300606**	262,55
17	180	10.7	141	260	520	4.875	**010300607**	369,60
17	200	11.9	123	250	500	5.695	**010300608**	527,95
17	225	13.4	129	276	552	8.087	**010300725**	628,95
17	250	14.8	131	288	576	9.380	**010300726**	759,45
17	280	16.6	139	308	616	12.980	**010300610**	1.151,80
17	315	18.7	153	343	686	17.750	**010300612**	1.473,05
17	355	21.1	167	408	816	25.975	**019300086**	2.137,25
17	400	23.7	197	457	914	36.060	**019300088**	2.942,20
17	450	26.7	198	478	956	50.615	**019300205**	4.316,65
17	500	29.7	218	522	1044	68.400	**019300207**	5.557,00
17	560	33.2	245	623	1246	105.800	**010030445**	7.775,00
17	630	37.4	265	675	1350	140.800	**010030446**	9.881,15

Execution in SDR 17, also for SDR 17,6

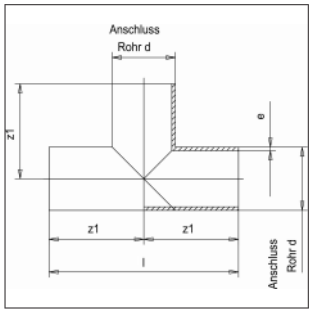
PE 100 Tees, welded, with pressure reduction factor

(SDR 33/17/11)

1.2.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
fabricated from pipe, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
segment welded tees without reinforcement, SDR 33 for pressureless operation, SDR 17 and 11 with pressure reduction: factor 0.6

Art.code: PE0100—TS—LS—GS—SW09500— **0124**

SDR	d (mm)	e (mm)	z1 (mm)	Length (mm)	kg/piece	PN (bar)	attenuation factor	Art. No.	€ / Stk
11	90	8.2	195	390	0.930	16	0.65	010300658	276,10
11	110	10.0	205	410	1.930	16	0.65	010300661	304,05
11	125	11.4	215	430	2.630	16	0.65	010300664	310,60
11	140	12.7	220	440	3.370	16	0.65	010300667	354,20
11	160	14.6	230	460	4.600	16	0.65	010300670	411,10
11	180	16.4	240	180	6.060	16	0.65	010300673	440,15
11	200	18.2	250	500	7.800	16	0.65	010300676	506,20
11	225	20.5	265	530	10.400	16	0.65	010300679	582,90
11	280	25.4	390	780	20.600	16	0.65	010300685	837,95
11	315	28.6	460	920	31.400	16	0.65	010300688	1.055,45
11	350	22.7	375	750	18.200	16	0.65	010300682	715,30
11	355	32.2	480	960	46.900	16	0.65	010300691	1.244,75
11	400	36.3	500	1000	62.100	16	0.65	010300694	1.890,40
11	450	40.9	525	1050	74.000	16	0.65	010300697	2.255,10
11	500	45.4	600	1200	135.000	16	0.65	010300700	2.799,90
11	560	50.8	630	1260	153.300	16	0.65	010300703	3.403,50
11	630	57.2	665	1330	205.500	16	0.65	010300706	4.386,45
17	90	5.4	195	390	0.610	10	0.65	010300657	239,75
17	110	6.6	205	410	1.280	10	0.65	010300660	224,25
17	125	7.4	215	430	1.720	10	0.65	010300663	255,50
17	140	8.3	220	440	2.200	10	0.65	010300666	289,25
17	160	9.5	230	460	3.010	10	0.65	010300669	320,85
17	180	10.7	240	480	3.950	10	0.65	010300672	350,20
17	200	11.9	250	500	5.100	10	0.65	010300675	396,40
17	225	13.4	265	530	6.800	10	0.65	010300678	453,00
17	250	14.8	375	750	11.900	10	0.65	010300681	560,90
17	280	16.6	390	780	15.400	10	0.65	010300684	639,75
17	315	18.7	460	920	21.000	10	0.65	010300687	778,25
17	355	21.1	480	960	30.500	10	0.65	010300690	958,95
17	400	23.7	500	1000	40.400	10	0.65	010300693	1.359,55
17	450	26.7	525	1050	53.600	10	0.65	010300696	1.693,10
17	500	29.7	600	1200	75.400	10	0.65	010300699	2.071,55
17	560	33.2	630	1260	99.200	10	0.65	010300702	2.490,10
17	630	37.4	665	1330	119.000	10	0.65	010300705	3.051,25
17	710	42.1	705	1410	178.900	10	0.65	010300708	4.245,00
17	800	47.4	750	1500	240.800	10	0.65	010300710	5.260,50
17	900	53.3	850	1700	343.300	10	0.65	010034532	6.606,10
17	1000	59.3	900	1800	460.800	10	0.65	010034533	7.993,80
33	90	2.8	195	390	0.350	10	0.65	010300656	204,30
33	110	3.4	205	410	0.740	10	0.65	010300659	250,25
33	125	3.9	215	430	0.980	10	0.65	010300662	260,50
33	140	4.3	220	440	1.270	10	0.65	010300665	288,00
33	160	4.9	230	460	1.700	10	0.65	010300668	296,10
33	180	5.5	240	480	2.250	10	0.65	010300671	314,95
33	200	6.2	250	500	2.880	10	0.65	010300674	361,10
33	225	6.9	265	530	3.850	10	0.65	010300677	408,30

PE 100 Tees, welded, with pressure reduction factor

(SDR 33/17/11)

Art.code: PE0100—TS—LS—GS—SW09500— 0124 1.2.2

SDR	d (mm)	e (mm)	z1 (mm)	Length (mm)	kg/piece	PN (bar)	attenuation factor	Art. No.	€ / Stk
33	250	7.7	375	750	6.740	10	0.65	010300680	479,15
33	280	8.6	390	780	8.740	10	0.65	010300683	525,20
33	315	9.7	460	920	13.000	10	0.65	010300686	613,30
33	355	10.9	480	960	17.400	10	0.65	010300689	726,05
33	400	12.3	500	1000	22.800	10	0.65	010300692	1.135,90
33	450	13.8	525	1050	30.200	10	0.65	010300695	1.327,85
33	500	15.3	600	1200	42.700	10	0.65	010300698	1.568,25
33	560	17.2	630	1260	56.100	10	0.65	010300701	1.855,00
33	630	19.3	665	1330	75.000	10	0.65	010300704	2.418,15
33	710	21.8	705	1410	101.500	10	0.65	010300707	2.919,95
33	800	24.5	750	1500	136.400	10	0.65	010300709	3.540,00
33	900	27.6	850	1700	161.000	10	0.65	010300711	4.444,80
33	1000	30.6	900	1800	209.000	10	0.65	010300712	5.378,45

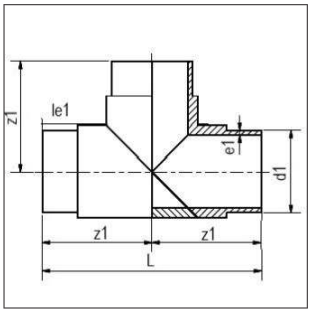
PE 100 Tee, segment welded, long spigots, reinforced, full pressure loadable (SDR 17/11)

SIMONA

1.2.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
fabricated from pipes, for butt welding and electrofusion welding, reinforced

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
reinforced for full pressure load, no pressure reduction factor

Art.code: PE0100——TS—LS—GV——SW09500— **0124**

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	560	50.8	245	725	1450	214.700	010006428	*
11	630	57.2	260	800	1600	292.800	010006429	*
11	710	64.5	345	950	1900	415.500	010033959	16.111,75
11	800	72.6	365	1050	2100	724.159	010033960	28.625,50
11	900	81.7	430	1200	2400	944.336	010033961	34.444,45
11	1000	59.3	505	1300	2600		010060954	41.143,10
11	1000	90.8	520	1375	2750		010060957	47.303,85
17	560	33.2	255	700	1400	165.200	010006430	*
17	630	37.4	275	775	1550	225.700	010006431	*
17	710	42.1	313	875	1750	350.000	010019063	13.561,75
17	800	47.4	365	1000	2000	490.000	010019064	24.266,85
17	900	53.3	435	1150	2300	640.000	010019065	29.975,15

* on request

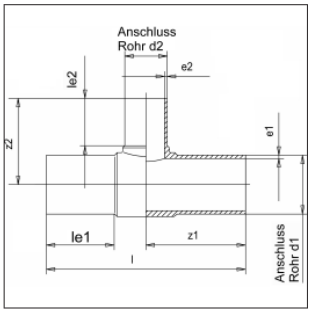
PE 100 RC Tees with reduced branch, injected

(SDR 17/11)

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Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
-

PE 100 RC inside

Art.code: PE0100—TSR–LS—FG—SW09500— 0121

SDR	d1 (mm)	d2 (mm)	e2 (mm)	Length (mm)	le1 (mm)	le2 (mm)	z1 (mm)	z2 (mm)	e (mm)	kg/piece	Art. No.	€ / Stk
11	63	32	3	218	65	47	109	86	5.8	0.280	**010025983**	41,20
11	63	40	3.7	218	65	52	109	93	5.8	0.290	**010025984**	41,20
11	63	50	4.6	218	65	59	109	100	5.8	0.313	**013500846**	41,20
11	75	32	3	248	73	46	124	98	6.8	0.455	**013500847**	64,10
11	75	50	4.6	248	73	58	124	109	6.8	0.485	**013500848**	64,10
11	75	63	5.8	248	73	65	124	118	6.8	0.520	**013500849**	65,10
11	90	50	4.6	280	81	60	140	117	8.2	0.810	013500692	84,65
11	90	63	5.8	276	81	65	138	123	8.2	0.840	**013500693**	90,75
11	90	75	6.8	286	80	75	143	132	8.2	0.800	**013500850**	91,35
11	110	63	5.8	320	88	68	160	147	10.0	1.400	**013500694**	134,45
11	110	75	6.8	324	85	74	162	155	10.0	1.382	**013500851**	143,25
11	110	90	8.2	318	87	81	159	158	10.0	1.495	**013500695**	168,90
11	125	90	8.2	352	90	82	176	165	11.4	1.997	**022300038**	185,00
11	125	110	10	350	90	85	175	167	11.4	2.097	**013500852**	186,90
11	160	63	5.8	410	105	65	205	170	14.6	3.605	**013500853**	366,40
11	160	75	6.8	410	103	73	205	180	14.6	3.295	**010033241**	369,40
11	160	90	8.2	412	104	83	206	190	14.6	3.690	**013500696**	369,40
11	160	110	10	414	104	89	207	200	14.6	3.865	**013500697**	378,60
11	180	90	8.2	476	108	82	238	200	16.4	4.857	**022300040**	477,05
11	180	110	10	480	107	84	240	202	16.4	5.174	**022300051**	496,65
11	180	160	14.6	480	110	101	240	220	16.4	5.560	**013500855**	509,70
11	200	63	5.8	506	124	65	253	197	18.2	6.830	022300053	*
11	200	90	8.2	500	124	82	250	214	18.2	6.895	022300054	708,45
11	200	110	10	500	125	86	250	215	18.2	7.060	**022300055**	724,50
11	200	160	14.6	500	123	101	250	235	18.2	7.445	**022300056**	776,25
11	225	75	6.8	560	129	73	280	219	20.5	9.750	**013500856**	822,40
11	225	90	8.2	550	129	82	275	225	20.5	9.850	**013500698**	854,85
11	225	110	10	556	130	86	278	238	20.5	10.100	**013500699**	861,40
11	225	160	14.6	554	128	107	277	255	20.5	10.485	**013500700**	864,00
11	225	180	16.4	546	132	135	273	274	20.5	10.915	013500857	867,05
11	250	110	10	576	133	85	288	242	22.7	11.685	**022300124**	1.029,95
11	250	160	14.6	584	134	102	292	266	22.7	12.180	**022300125**	1.050,00
11	315	110	10	692	155	85	346	277	28.6	22.150	**022300100**	2.491,10
11	315	160	14.6	700	155	101	350	301	28.6	22.730	**022300101**	2.511,40
11	315	200	18.2	680	155	117	340	313	28.6	21.819	**010033914**	2.541,25
11	315	225	20.5	680	153	125	340	320	28.6	22.137	**022300083**	2.541,25
11	315	250	22.7	692	154	135	346	330	28.6	24.345	**022300082**	2.551,80
17	63	50	3	213	60	56	106.5	100	3.8	0.220	013500834	38,00
17	75	50	3	260	72.5	56	130	111	4.5	0.410	013500836	57,40
17	75	63	3.8	255	70	64	127.5	117	4.5	0.440	013500837	58,00
17	90	50	3	276	80	60	138	117	5.4	0.600	**013500685**	75,85

* on request
Execution in SDR 17, also for SDR 17,6

PE 100 RC Tees with reduced branch, injected

(SDR 17/11)

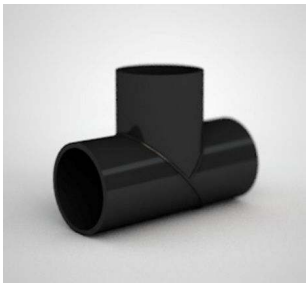
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1.2.2 Art.code: PE0100–––TSR–LS–FG–––SW09500–– 0121

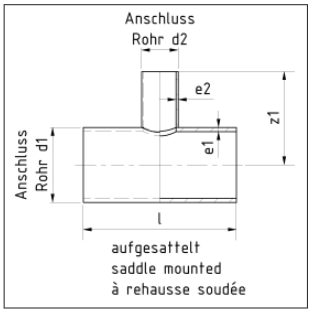
SDR	d1 (mm)	d2 (mm)	e2 (mm)	Length (mm)	le1 (mm)	le2 (mm)	z1 (mm)	z2 (mm)	e (mm)	kg/piece	Art. No.	€ / Stk
17	90	63	3.8	276	81	65	138	122	5.4	0.610	**013500686**	80,85
17	90	75	4.5	286	80	75	143	132	5.4	0.681	**013500838**	82,25
17	110	63	3.8	320	88	67	160	147	6.6	1.010	**013500687**	120,35
17	110	75	4.5	324	85	74	162	155	6.6	1.029	**013500839**	141,50
17	110	90	5.4	318	86	81	159	159	6.6	1.055	**013500688**	154,65
17	125	90	5.4	354	90	83	177	165	7.4	1.500	**022300044**	164,40
17	125	110	6.6	354	90	85	177	167	7.4	1.560	**013500840**	166,90
17	160	63	3.8	410	103	65	205	172	9.5	2.525	**013500841**	329,80
17	160	75	4.5	420	105	75	210	180	9.5	2.635	**013500842**	339,85
17	160	90	5.4	410	104	82	205	188	9.5	2.610	**013500689**	339,85
17	160	110	6.6	412	103	88	206	198	9.5	2.695	**013500690**	342,90
17	180	90	5.4	484	110	82	242	200	10.7	3.810	**022300047**	428,45
17	180	110	6.6	486	110	86	243	205	10.7	3.863	**010033911**	434,20
17	180	160	9.5	484	110	100	242	220	10.7	4.168	**013500843**	458,30
17	200	63	3.8	504	124	65	252	192	11.9	5.010	022300057	*
17	200	90	5.4	506	125	82	253	216	11.9	5.015	**022300058**	659,50
17	200	110	6.6	500	124	85	250	215	11.9	5.155	**022300059**	698,70
17	200	160	9.5	500	120	101	250	235	11.9	5.430	**022300060**	729,50
17	225	75	4.5	445	120	75	222.5	226	13.4	7.060	013500844	770,40
17	225	90	5.4	552	129	82	276	226	13.4	7.010	**013500691**	770,40
17	225	110	6.6	554	130	86	277	236	13.4	7.150	**013500110**	775,80
17	225	160	9.5	550	128	107	275	255	13.4	7.220	**013500111**	777,65
17	225	180	10.7	552	128	107	276	280	13.4	7.795	**013500845**	779,00
17	250	110	6.6	576	133	85	288	247	14.8	8.095	**022300121**	830,80
17	250	160	9.5	576	133	101	288	264	14.8	8.700	**022300122**	848,75
17	315	110	6.6	700	155	84	350	277	18.7	15.860	**022300098**	2.092,90
17	315	160	9.5	700	153	101	350	301	18.7	15.585	**022300099**	2.117,00
17	315	200	11.9	690	155	117	345	313	18.7	17.112	**010033915**	2.140,50
17	315	225	13.4	690	155	125	345	320	18.7	17.451	022300148	2.140,50
17	315	250	14.8	670	170	150	335	333	18.7	16.625	022300123	2.157,85

* on request
Execution in SDR 17, also for SDR 17,6

PE 100 Tees with reduced branch, welded, with pressure reduction factor (SDR 17/11)



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
fabricated from pipes, for butt welding and electrofusion welding, saddlemounted

Dimensions
DIN EN ISO 15494/B

Remark
Welded tees without reinforcement, pressure reduction factor SDR 17: 0.5 / SDR 11: 0.6. SDR 33 on request

Art.code: PE0100—TSR–LS—GS—SW09500— **0124**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	z1 (mm)	Length (mm)	kg/piece	attenuation factor	Art. No.	€ / Stk
11	90	40	8.2	3.7	150	240	0.560	0.6	010010494	122,70
11	90	50	8.2	4.6	150	250	0.570	0.6	013500858	127,30
11	90	63	8.2	5.8	160	270	0.590	0.6	013500859	116,50
11	110	40	10.0	3.7	160	250	0.840	0.6	010010495	125,35
11	110	50	10.0	4.6	160	260	0.860	0.6	013500860	130,05
11	110	63	10.0	5.8	170	270	0.980	0.6	013500861	135,10
11	110	75	10.0	6.8	190	280	1.010	0.6	013500862	134,60
11	125	40	11.4	3.7	170	260	1.110	0.6	010010496	127,95
11	125	50	11.4	4.6	170	270	1.090	0.6	013500863	132,80
11	125	63	11.4	5.8	180	290	1.200	0.6	013500864	138,30
11	125	75	11.4	6.8	190	300	1.300	0.6	013500865	151,95
11	140	40	12.7	3.7	170	270	1.430	0.6	010010497	130,80
11	140	50	12.7	4.6	170	280	1.500	0.6	010010498	135,90
11	140	63	12.7	5.8	190	300	1.400	0.6	013500867	141,50
11	140	75	12.7	6.8	200	310	1.580	0.6	013500868	159,40
11	140	90	12.7	8.2	220	320	1.730	0.6	013500869	169,55
11	140	110	12.7	10	220	340	1.960	0.6	013500870	214,40
11	160	50	14.6	4.6	180	300	2.090	0.6	010010499	141,35
11	160	63	14.6	5.8	200	310	1.900	0.6	013500871	146,55
11	160	75	14.6	6.8	210	320	2.020	0.6	013500872	164,70
11	160	90	14.6	8.2	230	340	2.710	0.6	013500873	175,75
11	160	110	14.6	10	230	360	2.470	0.6	013500874	191,40
11	180	50	16.4	4.6	190	320	2.790	0.6	010010500	160,45
11	180	63	16.4	5.8	210	330	2.930	0.6	010010501	170,25
11	180	75	16.4	6.8	220	340	1.950	0.6	013500875	192,70
11	180	90	16.4	8.2	240	360	2.000	0.6	013500876	212,25
11	180	110	16.4	10	240	380	2.100	0.6	013500877	228,15
11	180	125	16.4	11.4	250	390	4.060	0.6	010010578	247,95
11	180	140	16.4	12.7	260	410	2.600	0.6	013500878	341,60
11	200	63	18.2	5.8	220	350	3.800	0.6	010010502	178,40
11	200	75	18.2	6.8	230	360	3.080	0.6	013500879	201,05
11	200	90	18.2	8.2	250	370	3.340	0.6	013500880	220,05
11	200	110	18.2	10	250	390	3.690	0.6	013500881	237,80
11	200	125	18.2	11.4	260	410	5.300	0.6	010010579	258,65
11	200	140	18.2	12.7	270	420	5.600	0.6	013500882	279,00
11	200	160	18.2	14.6	280	440	6.110	0.6	013500883	370,75
11	225	63	20.5	5.8	230	370	5.050	0.6	010010503	191,95
11	225	75	20.5	6.8	240	380	4.250	0.6	013500884	214,85
11	225	90	20.5	8.2	260	390	4.400	0.6	013500885	234,10
11	225	110	20.5	10	270	410	4.580	0.6	013500886	251,05
11	225	125	20.5	11.4	270	430	6.440	0.6	010010504	272,50
11	225	140	20.5	12.7	280	440	6.860	0.6	013500887	292,90
11	225	160	20.5	14.6	290	460	8.460	0.6	013500888	329,00
11	225	180	20.5	16.4	310	480	9.340	0.6	013500889	411,65
11	250	63	22.7	5.8	240	390	6.480	0.6	010010505	206,00
11	250	75	22.7	6.8	260	400	6.720	0.6	010010506	229,30

PE 100 Tees with reduced branch, welded, with pressure reduction factor (SDR 17/11)

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1.2.2 Art.code: PE0100—TSR–LS–GS—SW09500— 0124

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	z1 (mm)	Length (mm)	kg/piece	attenuation factor	Art. No.	€ / Stk
11	250	90	22.7	8.2	270	420	5.040	0.6	013500890	250,40
11	250	110	22.7	10	280	440	5.150	0.6	013500891	271,85
11	250	125	22.7	11.4	290	450	8.050	0.6	010010507	292,20
11	250	140	22.7	12.7	300	470	6.700	0.6	013500892	314,70
11	250	160	22.7	14.6	310	490	8.500	0.6	013500893	351,40
11	250	180	22.7	16.4	320	510	7.018	0.6	013500894	376,80
11	250	200	22.7	18.2	330	530	10.440	0.6	013500895	407,85
11	280	90	25.4	8.2	290	440	9.800	0.6	013500896	276,25
11	280	110	25.4	10	290	460	10.500	0.6	013500897	294,70
11	280	125	25.4	11.4	300	480	10.500	0.6	010010580	317,55
11	280	140	25.4	12.7	310	490	9.500	0.6	013500898	338,75
11	280	160	25.4	14.6	320	510	11.900	0.6	013500899	376,15
11	280	180	25.4	16.4	330	530	12.800	0.6	013500900	402,10
11	280	200	25.4	18.2	350	550	8.758	0.6	013500901	433,65
11	280	225	25.4	20.5	360	580	15.700	0.6	013500902	471,05
11	315	90	28.6	8.2	300	470	12.440	0.6	010010508	308,95
11	315	110	28.6	10	310	490	8.620	0.6	013500903	328,45
11	315	125	28.6	11.4	320	500	13.600	0.6	010010509	349,70
11	315	140	28.6	12.7	330	520	12.630	0.6	013500904	374,00
11	315	160	28.6	14.6	340	540	13.500	0.6	013500905	412,55
11	315	180	28.6	16.4	350	560	8.990	0.6	013500906	439,50
11	315	200	28.6	18.2	290	580	15.500	0.6	013500907	471,80
11	315	225	28.6	20.5	380	600	18.000	0.6	013500908	508,85
11	315	250	28.6	22.7	400	630	13.650	0.6	013500909	593,95
11	355	90	32.2	8.2	320	510	17.040	0.6	010010510	356,45
11	355	110	32.2	10	330	530	13.500	0.6	013500910	377,50
11	355	125	32.2	11.4	340	540	18.400	0.6	010010511	399,45
11	355	140	32.2	12.7	350	560	15.500	0.6	013500911	425,30
11	355	160	32.2	14.6	360	580	16.500	0.6	013500912	464,95
11	355	180	32.2	16.4	370	600	10.208	0.6	013500913	493,30
11	355	200	32.2	18.2	380	620	11.700	0.6	013500914	526,90
11	355	225	32.2	20.5	400	640	20.500	0.6	013500915	565,00
11	355	250	32.2	22.7	420	670	22.470	0.6	013500916	620,90
11	355	280	32.2	25.4	430	700	27.000	0.6	013500917	670,15
11	400	90	36.3	8.2	350	540	22.780	0.6	010010512	415,75
11	400	110	36.3	10	350	560	23.790	0.6	010010513	438,80
11	400	125	36.3	11.4	360	580	24.170	0.6	013501035	465,85
11	400	140	36.3	12.7	370	590	19.740	0.6	013500918	489,10
11	400	160	36.3	14.6	380	610	21.540	0.6	013500919	553,20
11	400	180	36.3	16.4	390	630	22.390	0.6	013500920	583,60
11	400	200	36.3	18.2	410	650	23.820	0.6	013500921	615,20
11	400	225	36.3	20.5	420	680	25.660	0.6	013500922	668,15
11	400	250	36.3	22.7	440	700	27.630	0.6	013500923	718,30
11	400	280	36.3	25.4	460	730	30.100	0.6	013500924	769,95
11	400	315	36.3	28.6	470	770	33.170	0.6	013500925	861,00
11	450	110	40.9	10	380	600	32.110	0.6	010010514	542,25
11	450	125	40.9	11.4	390	620	33.350	0.6	010010515	572,40
11	450	140	40.9	12.7	400	630	24.710	0.6	013500926	597,05
11	450	160	40.9	14.6	410	650	26.000	0.6	013500927	649,75
11	450	180	40.9	16.4	420	670	27.880	0.6	013500928	682,65
11	450	200	40.9	18.2	430	690	29.580	0.6	013500929	716,50
11	450	225	40.9	20.5	450	720	31.760	0.6	013500930	772,90
11	450	250	40.9	22.7	460	740	34.080	0.6	013500931	825,10
11	450	280	40.9	25.4	480	770	36.980	0.6	013500932	879,70
11	450	315	40.9	28.6	500	810	40.000	0.6	013500933	982,35
11	500	110	45.4	10	400	650	42.800	0.6	010010516	910,35
11	500	125	45.4	11.4	410	670	44.290	0.6	010010517	691,75
11	500	140	45.4	12.7	420	680	45.170	0.6	010010518	717,70
11	500	160	45.4	14.6	430	700	32.040	0.6	013500934	773,15
11	500	180	45.4	16.4	440	720	33.940	0.6	013500935	808,55
11	500	200	45.4	18.2	460	740	35.940	0.6	013500936	845,05
11	500	225	45.4	20.5	470	770	38.490	0.6	013500937	905,30
11	500	250	45.4	22.7	490	790	41.290	0.6	013500938	959,95
11	500	280	45.4	25.4	510	820	44.560	0.6	013500939	1.018,00
11	500	315	45.4	28.6	520	860	48.710	0.6	013500940	1.125,20
11	500	355	45.4	32.2	550	900	53.720	0.6	013500941	1.234,40

PE 100 Tees with reduced branch, welded, with pressure reduction factor (SDR 17/11)

SIMONA

Art.code: PE0100—–TSR–LS–GS—–SW09500—

0124 1.2.2

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	z1 (mm)	Length (mm)	kg/piece	attenuation factor	Art. No.	€ / Stk
11	560	160	50.8	14.6	460	750	62.390	0.6	010010519	942,80
11	560	180	50.8	16.4	470	770	42.120	0.6	013500942	981,65
11	560	200	50.8	18.2	490	790	44.500	0.6	013500943	1.021,60
11	560	225	50.8	20.5	500	820	47.540	0.6	013500944	1.087,10
11	560	250	50.8	22.7	520	840	50.750	0.6	013500945	1.145,00
11	560	280	50.8	25.4	540	870	54.740	0.6	013500946	1.208,15
11	560	315	50.8	28.6	550	910	59.630	0.6	013500947	1.321,55
11	560	355	50.8	32.2	580	950	65.500	0.6	013500948	1.436,30
11	560	400	50.8	36.3	610	990	72.500	0.6	013500949	1.588,00
11	630	160	57.2	14.6	500	800	83.810	0.6	010010520	1.184,90
11	630	180	57.2	16.4	510	820	86.340	0.6	010010521	1.232,65
11	630	200	57.2	18.2	520	840	88.980	0.6	010010522	1.281,45
11	630	225	57.2	20.5	540	870	92.930	0.6	010010523	1.349,65
11	630	250	57.2	22.7	550	890	96.080	0.6	010010524	1.403,80
11	630	280	57.2	25.4	570	920	100.720	0.6	010010525	1.481,80
11	630	315	57.2	28.6	590	960	107.130	0.6	010010526	1.604,00
11	630	355	57.2	32.2	620	1000	114.740	0.6	010010527	1.727,10
11	630	400	57.2	36.3	640	1040	123.790	0.6	010010528	1.881,70
17	90	40	5.4	2.4	150	240	0.400	0.5	010010529	116,45
17	90	50	5.4	3	150	250	0.480	0.5	013500701	120,95
17	90	63	5.4	3.8	160	270	0.520	0.5	013500702	106,95
17	110	40	6.6	2.4	160	250	0.590	0.5	010010530	122,95
17	110	50	6.6	3	160	260	0.560	0.5	013500703	127,60
17	110	63	6.6	3.8	170	270	0.593	0.5	013500704	132,50
17	110	75	6.6	4.5	190	280	0.650	0.5	013500705	129,25
17	125	40	7.4	2.4	170	260	0.770	0.5	010010531	124,70
17	125	50	7.4	3	170	270	0.691	0.5	013500706	129,45
17	125	63	7.4	3.8	180	290	0.850	0.5	013500707	134,55
17	125	75	7.4	4.5	190	300	0.900	0.5	013500708	148,10
17	140	40	8.3	2.4	170	270	0.990	0.5	010010532	126,75
17	140	50	8.3	3	170	280	1.050	0.5	010010533	131,55
17	140	63	8.3	3.8	190	300	1.200	0.5	013500710	136,90
17	140	75	8.3	4.5	200	310	1.300	0.5	013500711	154,85
17	140	90	8.3	5.4	220	320	1.400	0.5	013500712	164,65
17	140	110	8.3	6.6	220	340	1.600	0.5	013500713	203,75
17	160	50	9.5	3	180	300	1.440	0.5	010010534	135,10
17	160	63	9.5	3.8	200	310	1.190	0.5	013500714	140,40
17	160	75	9.5	4.5	210	320	1.240	0.5	013500715	158,20
17	160	90	9.5	5.4	230	340	1.400	0.5	013500716	168,75
17	160	110	9.5	6.6	230	360	1.500	0.5	013500717	184,00
17	180	50	10.7	3	190	320	1.910	0.5	010010535	139,60
17	180	63	10.7	3.8	210	330	2.030	0.5	010010536	145,00
17	180	75	10.7	4.5	220	340	1.600	0.5	013500718	162,85
17	180	90	10.7	5.4	240	360	1.700	0.5	013500719	173,65
17	180	110	10.7	6.6	240	380	1.800	0.5	013500720	189,20
17	180	125	10.7	7.4	250	390	2.500	0.5	013501048	204,35
17	180	140	10.7	8.3	260	410	2.580	0.5	013500721	220,55
17	200	63	11.9	3.8	220	350	2.610	0.5	010010537	150,45
17	200	75	11.9	4.5	230	360	1.910	0.5	013500722	168,60
17	200	90	11.9	5.4	250	370	2.030	0.5	013500723	178,70
17	200	110	11.9	6.6	250	390	2.200	0.5	013500724	195,60
17	200	125	11.9	7.4	260	410	3.400	0.5	010010575	211,60
17	200	140	11.9	8.3	270	420	3.140	0.5	013500725	227,35
17	200	160	11.9	9.5	280	440	3.320	0.5	013500726	245,35
17	225	63	13.4	3.8	230	370	3.460	0.5	010010538	159,65
17	225	75	13.4	4.5	240	380	2.650	0.5	013500727	178,00
17	225	90	13.4	5.4	260	390	2.650	0.5	013500728	188,30
17	225	110	13.4	6.6	270	410	2.740	0.5	013500729	204,55
17	225	125	13.4	7.4	270	430	4.600	0.5	010010539	220,85
17	225	140	13.4	8.3	280	440	3.900	0.5	013500730	236,80
17	225	160	13.4	9.5	290	460	4.700	0.5	013500731	254,95
17	225	180	13.4	10.7	310	480	4.330	0.5	013500732	277,30
17	250	63	14.8	3.8	240	390	4.410	0.5	010010540	168,90
17	250	75	14.8	4.5	260	400	4.600	0.5	010010541	187,55
17	250	90	14.8	5.4	270	420	3.600	0.5	013500733	199,20
17	250	110	14.8	6.6	280	440	3.800	0.5	013500734	218,40

PE 100 Tees with reduced branch, welded, with pressure reduction factor (SDR 17/11)

SIMONA

1.2.2 Art.code: PE0100—TSR–LS–GS—SW09500— 0124

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	z1 (mm)	Length (mm)	kg/piece	attenuation factor	Art. No.	€ / Stk
17	250	125	14.8	7.9	290	450	5.660	0.5	010010542	234,05
17	250	140	14.8	8.3	300	470	5.200	0.5	013500735	251,25
17	250	160	14.8	9.5	310	490	5.300	0.5	013500736	270,10
17	250	180	14.8	10.7	320	510	5.400	0.5	013500737	292,70
17	250	200	14.8	11.9	330	530	5.500	0.5	013500738	320,30
17	280	90	16.6	5.4	290	440	6.600	0.5	013500739	217,30
17	280	110	16.6	6.6	290	460	6.900	0.5	013500740	234,50
17	280	125	16.6	7.4	300	480	4.900	0.5	013501049	251,70
17	280	140	16.6	8.3	310	490	6.500	0.5	013500741	268,05
17	280	160	16.6	9.5	320	510	7.800	0.5	013500742	287,45
17	280	180	16.6	10.7	330	530	8.500	0.5	013500743	306,35
17	280	200	16.6	11.9	350	550	6.060	0.5	013500744	334,40
17	280	225	16.6	13.4	360	580	10.000	0.5	013500745	358,15
17	315	90	18.7	5.4	300	470	8.590	0.5	010010543	239,55
17	315	110	18.7	6.6	310	490	5.600	0.5	013500746	257,50
17	315	125	18.7	7.4	320	500	9.500	0.5	010010544	273,80
17	315	140	18.7	8.3	330	520	7.230	0.5	013500747	292,10
17	315	160	18.7	9.5	340	540	8.780	0.5	013500748	295,60
17	315	180	18.7	10.7	350	560	6.032	0.5	013500749	319,20
17	315	200	18.7	11.9	360	580	6.900	0.5	013500750	343,65
17	315	225	18.7	13.4	380	600	8.063	0.5	013500751	371,55
17	315	250	18.7	14.8	400	630	9.860	0.5	013500752	402,40
17	355	90	21.1	5.4	320	510	11.690	0.5	010010545	271,65
17	355	110	21.1	6.6	330	530	12.000	0.5	013500753	290,60
17	355	125	21.1	7.4	340	540	12.730	0.5	010010546	307,30
17	355	140	21.1	8.3	350	560	9.500	0.5	013500754	326,65
17	355	160	21.1	9.5	360	580	9.520	0.5	013500755	339,35
17	355	180	21.1	10.7	370	600	6.786	0.5	013500756	363,95
17	355	200	21.1	11.9	380	620	7.800	0.5	013500757	385,10
17	355	225	21.1	13.4	400	640	11.720	0.5	013500758	413,45
17	355	250	21.1	14.8	420	670	13.060	0.5	013500759	449,50
17	355	280	21.1	16.6	430	700	14.420	0.5	013500760	481,60
17	400	90	23.7	5.4	350	540	15.540	0.5	010010547	311,60
17	400	110	23.7	6.6	350	560	16.280	0.5	010010548	331,65
17	400	125	23.7	7.4	360	580	16.820	0.5	010010576	351,85
17	400	140	23.7	8.3	370	590	11.500	0.5	013500761	369,50
17	400	160	23.7	9.5	380	610	12.000	0.5	013500762	392,95
17	400	180	23.7	10.7	390	630	12.500	0.5	013500763	419,05
17	400	200	23.7	11.9	410	650	13.100	0.5	013500764	441,60
17	400	225	23.7	13.4	420	680	10.313	0.5	013500765	482,90
17	400	250	23.7	14.8	440	700	11.765	0.5	013500766	509,40
17	400	280	23.7	16.6	460	730	13.736	0.5	013500767	543,00
17	400	315	23.7	18.7	470	770	18.304	0.5	013500768	601,75
17	450	110	26.7	6.6	380	600	21.910	0.5	010010549	401,75
17	450	125	26.7	7.4	390	620	22.810	0.5	010010550	423,95
17	450	140	26.7	8.3	400	630	6.377	0.5	013500769	442,40
17	450	160	26.7	9.5	410	650	15.200	0.5	013500770	445,80
17	450	180	26.7	10.7	420	670	15.900	0.5	013500771	469,20
17	450	200	26.7	11.9	430	690	16.400	0.5	013500772	489,15
17	450	225	26.7	13.4	450	720	17.200	0.5	013500773	485,40
17	450	250	26.7	14.8	460	740	18.000	0.5	013500774	511,25
17	450	280	26.7	16.6	480	770	30.000	0.5	013500775	548,30
17	450	315	26.7	18.7	500	810	20.000	0.5	013500776	612,40
17	500	110	29.7	6.6	400	650	29.220	0.5	010010551	481,45
17	500	125	29.7	7.4	410	670	30.290	0.5	010010552	505,45
17	500	140	29.7	8.3	420	680	30.960	0.5	010010553	524,90
17	500	160	29.7	9.5	430	700	18.700	0.5	013500777	490,75
17	500	180	29.7	10.7	440	720	19.500	0.5	013500778	514,20
17	500	200	29.7	11.9	460	740	22.811	0.5	013500779	534,25
17	500	225	29.7	13.4	470	770	24.106	0.5	013500780	569,35
17	500	250	29.7	14.8	490	790	25.410	0.5	013500781	596,75
17	500	280	29.7	16.6	510	820	27.026	0.5	013500782	635,80
17	500	315	29.7	18.7	520	860	28.943	0.5	013500783	702,75
17	500	355	29.7	21.1	550	900	31.181	0.5	013500784	764,35
17	560	160	33.2	9.5	460	750	25.894	0.5	013501050	644,95
17	560	180	33.2	10.7	470	770	27.120	0.5	013500786	622,55

PE 100 Tees with reduced branch, welded, with pressure reduction factor (SDR 17/11)

SIMONA

Art.code: PE0100—–TSR–LS–GS—–SW09500—

0124 1.2.2

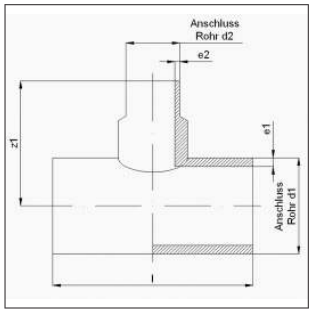
SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	z1 (mm)	Length (mm)	kg/piece	attenuation factor	Art. No.	€ / Stk
17	560	200	33.2	11.9	490	790	28.361	0.5	013500787	645,00
17	560	225	33.2	13.4	500	820	29.934	0.5	013500788	737,90
17	560	250	33.2	14.8	520	840	31.515	0.5	013500789	712,85
17	560	280	33.2	16.6	540	870	33.464	0.5	013500790	755,05
17	560	315	33.2	18.7	550	910	35.770	0.5	013500791	825,75
17	560	355	33.2	21.1	580	950	38.452	0.5	013500792	890,95
17	560	400	33.2	23.7	610	990	41.530	0.5	013500793	1.053,20
17	630	160	37.4	9.5	500	800	56.850	0.5	010010554	803,25
17	630	180	37.4	10.7	510	820	58.560	0.5	010010555	834,05
17	630	200	37.4	11.9	520	840	35.711	0.5	013500794	797,50
17	630	225	37.4	13.4	540	870	37.651	0.5	013500795	840,10
17	630	250	37.4	14.8	550	890	39.600	0.5	013500796	872,45
17	630	280	37.4	16.6	570	920	41.700	0.5	013500797	918,85
17	630	315	37.4	18.7	590	960	44.810	0.5	013500798	995,25
17	630	355	37.4	21.1	620	1000	48.080	0.5	013500799	1.049,60
17	630	400	37.4	23.7	640	1040	51.820	0.5	013500800	1.157,40
17	710	160	42.1	9.5	540	840	77.610	0.5	010010556	1.007,80
17	710	180	42.1	10.7	550	860	79.770	0.5	010010557	1.042,90
17	710	200	42.1	11.9	560	880	82.120	0.5	010010558	1.074,65
17	710	225	42.1	13.4	580	900	85.500	0.5	010010559	1.116,75
17	710	250	42.1	14.8	590	930	89.220	0.5	010010560	1.165,75
17	710	280	42.1	16.6	610	960	93.410	0.5	010010561	1.222,45
17	710	315	42.1	18.7	630	990	97.630	0.5	010010562	1.300,90
17	710	355	42.1	21.1	660	1030	104.610	0.5	010010563	1.367,55
17	710	400	42.1	23.7	680	1080	101.140	0.5	010010564	1.500,85
17	800	160	47.4	9.5	580	890	109.160	0.5	010010565	1.320,70
17	800	180	47.4	10.7	590	910	113.240	0.5	010010566	1.361,00
17	800	200	47.4	11.9	610	930	117.660	0.5	010010567	1.410,50
17	800	225	47.4	13.4	620	950	122.530	0.5	010010568	1.453,45
17	800	250	47.4	14.8	640	980	127.670	0.5	010010569	1.514,50
17	800	280	47.4	16.6	660	1010	135.770	0.5	010010570	1.595,50
17	800	315	47.4	18.7	670	1040	135.770	0.5	010010571	1.689,75
17	800	355	47.4	21.1	700	1080	135.770	0.5	010010572	1.791,60
17	800	400	47.4	23.7	730	1130	135.770	0.5	010010573	1.912,05

PE 100 Tees with reduced branch, welded, fully compressible (SDR 17/11)

1.2.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
fabricated from pipes, for butt welding and electrofusion welding, saddlemounted, reinforced

Dimensions
DIN EN ISO 15494/B

Remark
reinforced for full pressure load

Art.code: PE0100—TSR–LS–GV—SW09500— **0124**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	Length (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
11	180	50	16.4	4.6	350	190	3.500	010010329	303,20
11	180	63	16.4	5.8	370	200	4.000	010010330	359,45
11	180	75	16.4	6.8	390	220	4.600	010010331	388,50
11	180	90	16.4	8.2	390	230	5.600	010010332	447,25
11	180	110	16.4	10	420	240	6.800	010010333	496,55
11	200	75	18.2	6.8	410	230	5.600	010010334	397,80
11	200	125	18.2	11.4	460	260	8.300	010010335	598,40
11	225	63	20.5	5.8	410	230	6.300	010010336	383,25
11	225	125	20.5	11.4	480	240	9.800	010010337	612,40
11	225	140	20.5	12.7	500	290	15.100	010010338	776,60
11	250	63	22.7	5.8	430	240	8.500	010010339	407,50
11	250	75	22.7	6.8	450	260	8.600	010010340	429,05
11	250	90	22.7	8.2	470	270	9.800	010010341	489,60
11	250	125	22.7	11.4	500	290	11.500	010010342	633,25
11	250	140	22.7	12.7	520	310	16.800	010010343	795,80
11	280	90	25.4	8.2	490	290	13.400	010010344	538,35
11	280	110	25.4	10	510	300	14.100	010010345	576,45
11	280	125	25.4	11.4	530	310	19.200	010010346	767,70
11	280	140	25.4	12.7	550	320	19.500	010010347	821,85
11	280	160	25.4	14.6	570	340	20.700	010010348	933,65
11	280	180	25.4	16.4	590	350	22.200	010010349	1.014,70
11	315	90	28.6	8.2	520	310	16.700	010010350	572,35
11	315	125	28.6	11.4	550	330	22.600	010010351	802,65
11	315	140	28.6	12.7	570	340	23.600	010010352	867,00
11	315	180	28.6	16.4	620	370	25.700	010010353	1.044,45
11	315	200	28.6	18.2	640	390	33.000	010010354	1.368,10
11	355	90	32.2	8.2	560	330	21.700	010010355	624,35
11	355	110	32.2	10	590	350	22.700	010010356	676,35
11	355	125	32.2	11.4	590	350	27.900	010010357	856,80
11	355	140	32.2	12.7	610	370	29.200	010010358	927,35
11	355	160	32.2	14.6	630	380	31.200	010010359	1.046,75
11	355	180	32.2	16.4	660	400	36.700	010010360	1.214,80
11	355	200	32.2	18.2	680	410	46.000	010010361	1.579,90
11	355	225	32.2	20.5	710	430	59.000	010010362	1.885,55
11	400	90	36.3	8.2	600	360	28.400	010010363	693,70
11	400	110	36.3	10	630	370	29.500	010010364	747,60
11	400	125	36.3	11.4	650	380	34.900	010010365	929,80
11	400	140	36.3	12.7	650	390	36.400	010010366	1.001,45
11	400	160	36.3	14.6	670	410	38.600	010010367	1.138,70
11	400	180	36.3	16.4	700	420	44.200	010010368	1.305,55
11	400	200	36.3	18.2	720	440	56.300	010010369	1.719,30
11	400	225	36.3	20.5	750	460	70.800	010010370	2.052,40
11	400	250	36.3	22.7	790	540	72.100	010010371	2.155,65
11	450	110	40.9	10	670	400	38.700	010010372	833,70
11	450	125	40.9	11.4	690	410	44.300	010010373	974,45
11	450	140	40.9	12.7	710	430	46.000	010010374	1.073,95
11	450	160	40.9	14.6	740	440	48.500	010010375	1.158,45
11	450	180	40.9	16.4	740	450	54.200	010010376	1.362,45

PE 100 Tees with reduced branch, welded, fully compressible (SDR 17/11)

SIMONA

Art.code: PE0100—–TSR–LS–GV—–SW09500—– 0124 1.2.2

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	Length (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
11	450	200	40.9	18.2	760	470	66.400	010010377	1.786,30
11	450	225	40.9	20.5	790	490	80.900	010010378	2.153,20
11	450	250	40.9	22.7	830	570	82.200	010010379	2.216,35
11	450	280	40.9	25.4	870	580	88.900	010010380	2.421,40
11	500	110	45.4	10	720	430	50.200	010010381	830,95
11	500	125	45.4	11.4	740	440	56.100	010010382	955,35
11	500	140	45.4	12.7	760	450	58.100	010010383	1.043,50
11	500	160	45.4	14.6	790	470	60.900	010010384	1.119,45
11	500	180	45.4	16.4	790	480	66.900	010010385	1.299,30
11	500	200	45.4	18.2	810	500	79.400	010010386	1.667,65
11	500	225	45.4	20.5	840	510	94.100	010010387	1.985,05
11	500	250	45.4	22.7	880	600	100.900	010010388	2.118,20
11	500	280	45.4	25.4	920	620	102.100	010010389	2.212,05
11	560	160	50.8	14.6	840	500	84.500	010010390	1.282,70
11	560	180	50.8	16.4	870	520	85.100	010010391	1.331,60
11	560	200	50.8	18.2	900	540	98.000	010010392	1.713,15
11	560	225	50.8	20.5	900	550	123.800	010010393	2.356,75
11	560	250	50.8	22.7	930	630	131.900	010010394	2.543,50
11	560	280	50.8	25.4	970	650	141.200	010010395	2.736,00
11	560	315	50.8	28.6	1020	680	162.400	010010396	3.222,30
11	630	160	57.2	14.6	890	540	101.300	010010397	1.400,80
11	630	180	57.2	16.4	920	560	105.300	010010398	1.484,85
11	630	200	57.2	18.2	950	580	122.600	010010399	1.945,25
11	630	225	57.2	20.5	980	600	137.600	010010400	2.374,85
11	630	250	57.2	22.7	980	670	116.500	010010401	2.547,05
11	630	280	57.2	25.4	1020	690	124.500	010010402	2.728,35
11	630	315	57.2	28.6	1070	720	170.300	010010403	3.107,70
17	180	50	10.7	3	350	190	2.500	010010404	261,55
17	180	63	10.7	3.8	370	200	3.000	010010405	284,90
17	180	75	10.7	4.5	390	220	3.400	010010406	317,00
17	180	90	10.7	5.4	390	230	4.200	010010407	359,80
17	180	110	10.7	6.6	420	240	5.500	010010408	390,20
17	200	75	11.9	4.5	410	230	4.100	010010409	299,15
17	200	125	11.9	7.4	460	260	6.500	010010410	413,15
17	225	63	13.4	3.8	410	230	4.500	010010411	284,85
17	225	125	13.4	7.4	480	280	7.500	010010412	422,30
17	225	140	13.4	8.3	500	290	12.500	010010413	559,85
17	250	63	14.8	3.8	430	240	5.500	010010414	295,10
17	250	75	14.8	4.5	450	260	6.100	010010415	320,05
17	250	90	14.8	5.4	470	270	7.200	010010416	362,50
17	250	125	14.8	7.9	500	290	8.600	010010417	436,00
17	250	140	14.8	8.3	520	310	13.600	010010418	572,00
17	280	90	16.6	5.4	490	290	8.900	010010419	382,50
17	280	110	16.6	6.6	510	300	10.100	010010420	430,35
17	280	125	16.6	7.4	530	310	10.500	010010421	455,65
17	280	140	16.6	8.3	550	320	15.400	010010422	589,90
17	280	160	16.6	9.5	570	340	16.500	010010423	639,10
17	280	180	16.6	10.7	590	350	17.900	010010424	701,75
17	315	90	18.7	5.4	520	310	11.200	010010425	406,60
17	315	125	18.7	7.4	550	330	16.700	010010426	566,00
17	315	140	18.7	8.3	570	340	17.700	010010427	612,50
17	315	180	18.7	10.7	620	370	20.600	010010428	729,65
17	315	200	18.7	11.9	640	390	25.300	010010429	891,25
17	355	90	21.1	5.4	560	330	14.600	010010430	509,80
17	355	110	21.1	6.6	590	350	16.300	010010431	608,70
17	355	125	21.1	7.4	610	370	20.200	010010432	718,15
17	355	140	21.1	8.3	610	370	21.200	010010433	760,70
17	355	160	21.1	9.5	630	380	24.300	010010434	859,60
17	355	180	21.1	11.9	680	410	26.900	010010435	953,05
17	355	200	21.1	11.9	680	410	28.900	010010436	1.024,60
17	355	225	21.1	13.4	710	430	35.800	010010437	1.210,25
17	400	90	23.7	5.4	600	360	19.000	010010438	555,75
17	400	110	23.7	6.6	630	370	20.900	010010439	655,90
17	400	125	23.7	7.4	650	380	25.700	010010440	780,25
17	400	140	23.7	8.3	650	390	26.000	010010441	809,65
17	400	160	23.7	9.5	670	410	29.100	**010010442**	919,35
17	400	180	23.7	10.7	700	420	31.800	010010443	1.013,40

PE 100 Tees with reduced branch, welded, fully compressible (SDR 17/11)

SIMONA

1.2.2 Art.code: PE0100—TSR–LS–GV—SW09500— 0124

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	Length (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
17	400	200	23.7	11.9	720	440	33.800	010010444	1.084,25
17	400	225	23.7	13.4	750	460	40.600	010010445	1.265,85
17	400	250	23.7	14.8	790	480	47.100	010010446	1.442,40
17	450	110	26.7	6.6	670	400	27.100	010010447	733,25
17	450	125	26.7	7.4	690	410	32.000	010010448	859,40
17	450	140	26.7	8.3	710	430	33.400	010010449	904,65
17	450	160	26.7	9.5	740	440	37.200	010010450	1.014,40
17	450	180	26.7	10.7	740	450	38.400	010010451	1.084,75
17	450	200	26.7	11.9	760	470	40.500	010010452	1.155,70
17	450	225	26.7	13.4	790	490	47.400	010010453	1.337,10
17	450	250	26.7	14.8	830	505	53.700	010010454	1.569,10
17	450	280	26.7	16.6	870	530	48.600	010010455	1.494,25
17	500	110	29.7	6.6	720	430	35.000	010010456	819,55
17	500	125	29.7	7.4	740	440	40.100	010010457	947,60
17	500	140	29.7	8.3	760	450	41.600	010010458	995,10
17	500	160	29.7	9.5	790	470	45.700	010010459	1.107,70
17	500	180	29.7	10.7	790	480	46.900	010010460	1.176,95
17	500	200	29.7	11.9	810	500	49.100	010010461	1.249,65
17	500	225	29.7	13.4	840	510	56.200	010010462	1.431,70
17	500	250	29.7	14.8	880	532	54.300	010010463	1.478,85
17	500	280	29.7	16.6	920	556	58.200	010010464	1.599,35
17	500	315	29.7	18.7		522	68.100	010010465	1.858,20
17	560	160	33.2	9.5	840	500	57.300	010010466	1.233,25
17	560	180	33.2	10.7	870	520	60.700	010010467	1.336,10
17	560	200	33.2	11.9	900	530	63.900	010010468	1.419,60
17	560	225	33.2	13.4	900	550	68.800	010010469	1.356,75
17	560	250	33.2	14.8	930	570	66.600	010010470	1.393,90
17	560	280	33.2	16.6	970	600	70.800	010010471	1.743,45
17	560	315	33.2	18.7	1020	620	81.100	010010472	2.003,15
17	630	160	37.4	9.5	890	540	73.200	010010473	1.407,35
17	630	180	37.4	10.7	920	560	77.100	010010474	1.514,05
17	630	200	37.4	11.9	950	580	80.600	010010475	1.601,30
17	630	225	37.4	13.4	980	600	88.700	010010476	1.798,45
17	630	250	37.4	14.8	980	610	83.400	010010477	1.789,50
17	630	280	37.4	16.6	1020	630	88.300	010010478	1.930,70
17	630	315	37.4	18.7	1070	660	98.800	010010479	2.186,50
17	710	160	42.1	9.5	930	580	93.600	010010480	1.654,15
17	710	180	42.1	10.7	960	600	98.000	010010481	1.758,55
17	710	200	42.1	11.9	990	620	102.100	010010482	1.868,05
17	710	225	42.1	13.4	1020	640	110.800	010010483	1.785,20
17	710	250	42.1	14.8	1060	670	119.500	010010484	1.991,00
17	710	280	42.1	16.6	1060	680	111.100	010010485	1.884,85
17	710	315	42.1	18.7	1110	710	122.500	010010486	2.115,15
17	800	160	47.4	9.5	980	630	121.400	010010487	1.695,90
17	800	180	47.4	10.7	1010	650	126.600	010010488	1.792,70
17	800	200	47.4	11.9	1040	670	131.400	010010489	1.894,40
17	800	225	47.4	13.4	1070	690	140.700	010010490	2.068,20
17	800	250	47.4	14.8	1110	715	150.300	010010491	2.280,50
17	800	280	47.4	16.6	1110	726	141.900	010010492	2.176,05
17	800	315	47.4	18.7	1160	755	154.300	010010493	2.414,45

Art.code: PE0100—TSR–LS–GV—SW09500— 0124

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
11	355	250	32.2	22.7	410	51.620	010033938	1.612,85
11	355	280	32.2	25.4	410	51.255	010033939	1.913,20
11	355	315	32.2	28.6	410	51.100	010033940	2.017,10
11	400	280	36.3	25.4	457	68.890	010033941	2.367,80
11	400	315	36.3	28.6	457	69.710	010033942	2.492,35
11	400	355	36.3	32.2	457	69.810	010033943	2.876,30
11	450	315	40.9	28.6	477	91.300	010033944	3.000,60
11	450	355	40.9	32.2	477	92.100	010033945	3.179,50

PE 100 Tees with reduced branch, welded, fully compressible (SDR 17/11)

SIMONA

Art.code: PE0100—TSR–LS–GV—SW09500— 0124 1.2.2

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
11	450	400	40.9	36.3	477	93.100	010033946	3.838,55
11	500	315	45.4	28.6	525	121.800	010034000	3.039,40
11	500	355	45.4	32.2	525	122.600	010033947	3.628,70
11	500	400	45.4	36.3	525	123.600	010033948	4.411,40
11	500	450	45.4	40.9	525	125.100	010033949	4.582,85
11	560	355	50.8	32.2	600	172.100	010033950	4.025,75
11	560	400	50.8	36.3	600	173.000	010033951	5.244,80
11	560	450	50.8	40.9	600	174.400	010033952	5.722,70
11	560	500	50.8	45.4	600	176.100	010033953	6.248,20
11	630	355	57.2	32.2	650	228.000	010033954	5.105,25
11	630	400	57.2	36.3	650	229.900	010033955	5.161,20
11	630	450	57.2	40.9	650	231.100	010033956	6.952,45
11	630	500	57.2	45.4	650	232.700	010033957	7.238,85
11	630	560	57.2	50.8	650	234.800	010033958	8.048,65
17	355	250	21.1	14.8	408	33.180	010033962	1.549,55
17	355	280	21.1	16.6	408	34.980	010033963	1.838,15
17	355	315	21.1	18.7	408	35.980	010033964	1.938,00
17	400	280	23.7	16.6	457	49.560	010033965	2.274,90
17	400	315	23.7	18.7	457	49.120	010033966	2.394,60
17	400	355	23.7	21.1	457	51.060	010033967	2.763,50
17	450	315	26.7	18.7	478	62.220	010033968	2.882,90
17	450	355	26.7	21.1	478	62.520	010033969	3.054,85
17	450	400	26.7	23.7	478	63.320	010033970	3.688,00
17	500	355	29.7	21.1	522	84.100	010033971	3.486,40
17	500	400	29.7	23.7	522	84.600	010033972	3.741,80
17	500	450	29.7	26.7	522	85.400	010033973	4.403,20
17	560	355	33.2	21.1	600	160.400	010033974	3.867,90
17	560	400	33.2	23.7	600	160.700	010033975	5.039,15
17	560	450	33.2	26.7	600	161.500	010033976	5.392,50
17	560	500	33.2	29.7	600	162.400	010033977	6.003,20
17	630	355	37.4	21.1	650	214.300	010033978	4.632,65
17	630	400	37.4	23.7	650	214.700	010033979	4.958,75
17	630	450	37.4	26.7	650	215.100	010033980	6.551,35
17	630	500	37.4	29.7	650	215.800	010033981	6.955,00
17	630	560	37.4	33.2	650	216.900	010033982	7.584,25

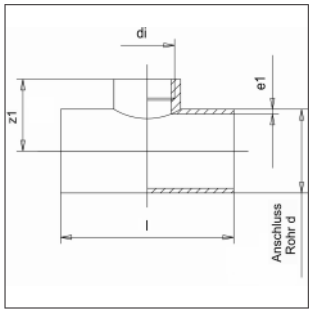
PE 100 Tees with reduced branch with internal thread

SIMONA

1.2.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
fabricated from pipe SDR 17, for butt welding and electrofusion welding, saddlemounted

Dimensions
Based on DIN EN ISO 15494/B

Remark
Welded tees without reinforcement: max. pressure load 6 bar

Art.code: PE0100—TSR–LSIG-GS—SW09500— **0124**

di (mm)	d (mm)	e (mm)	z1 (mm)	Length (mm)	kg/piece	PN (bar)	attenuation factor	Art. No.	€ / Stk
1/2 "	50	3.0	50	300	0.155	10	0.6	013600163	67,90
3/4 "	63	3.8	56	300	0.240	10	0.6	013600230	73,55
1/2 "	75	4.5	63	300	0.316	10	0.6	013600165	72,00
1 "	75	4.5	68	300	0.337	10	0.6	013600187	93,45
3/4 "	75	4.5	63	300	0.323	10	0.6	013600231	75,75
1 1/4 "	90	5.4	80	300	0.486	10	0.6	013600144	111,15
1/2 "	90	5.4	70	300	0.440	10	0.6	013600166	75,55
1 "	90	5.4	75	300	0.461	10	0.6	013600188	94,20
3/4 "	90	5.4	70	300	0.450	10	0.6	013600232	77,45
1 1/2 "	110	6.6	95	300	0.695	10	0.6	013600123	142,10
1 1/4 "	110	6.6	90	300	0.698	10	0.6	013600145	116,15
1/2 "	110	6.6	80	300	0.229	10	0.6	013600164	69,65
1/2 "	110	6.6	80	300	0.647	10	0.6	013600167	78,45
1 "	110	6.6	85	300	0.700	10	0.6	013600189	99,00
2 "	110	6.6	100	300	0.739	10	0.6	013600211	169,10
3/4 "	110	6.6	80	300	0.654	10	0.6	013600233	82,10
1 1/2 "	125	7.4	102	300	0.869	10	0.6	013600124	145,35
1 1/4 "	125	7.4	97	300	0.867	10	0.6	013600146	120,35
1/2 "	125	7.4	87	300	0.921	10	0.6	013600168	84,35
1 "	125	7.4	92	300	0.842	10	0.6	013600190	103,60
2 "	125	7.4	107	300	0.913	10	0.6	013600212	171,40
3/4 "	125	7.4	87	300	0.828	10	0.6	013600234	86,95
1 1/2 "	140	8.3	112	300	1.073	10	0.6	013600125	148,10
1 1/4 "	140	8.3	107	300	1.071	10	0.6	013600147	123,95
1/2 "	140	8.3	95	300	1.020	10	0.6	013600169	86,60
1 "	140	8.3	100	300	1.046	10	0.6	013600191	108,60
2 "	140	8.3	117	300	1.117	10	0.6	013600213	173,00
3/4 "	140	8.3	95	300	1.020	10	0.6	013600235	92,05
1 1/2 "	160	9.5	120	300	1.376	10	0.6	013600126	159,90
1 1/4 "	160	9.5	115	300	1.374	10	0.6	013600148	132,35
1/2 "	160	9.5	105	300	1.328	10	0.6	013600170	97,35
1 "	160	9.5	110	300	1.349	10	0.6	013600192	115,00
2 "	160	9.5	125	300	1.420	10	0.6	013600214	182,35
3/4 "	160	9.5	105	300	1.355	10	0.6	013600236	98,70
1 1/2 "	180	10.7	105	300	1.715	10	0.6	013600127	169,05
1 1/4 "	180	10.7	125	300	1.713	10	0.6	013600149	141,45
1/2 "	180	10.7	115	300	1.800	10	0.6	013600171	103,95
1 "	180	10.7	120	300	1.688	10	0.6	013600193	124,75
2 "	180	10.7	135	300	1.759	10	0.6	013600215	191,00
3/4 "	180	10.7	115	300	1.674	10	0.6	013600237	107,75
1 1/2 "	200	11.9	140	300	2.180	10	0.6	013600128	176,30
1 1/4 "	200	11.9	135	300	2.106	10	0.6	013600150	151,95
1/2 "	200	11.9	125	300	2.000	10	0.6	013600172	115,00
1 "	200	11.9	130	300	2.084	10	0.6	013600194	135,85
2 "	200	11.9	145	300	2.152	10	0.6	013600216	200,50
3/4 "	200	11.9	125	300	2.067	10	0.6	013600238	117,65
1 1/2 "	225	13.4	125	300	2.636	10	0.6	013600129	188,20

PE 100 Tees with reduced branch with internal thread

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Art.code: PE0100—–TSR–LSIG-GS—–SW09500—– 0124 1.2.2

di (mm)	d (mm)	e (mm)	z1 (mm)	Length (mm)	kg/piece	PN (bar)	attenuation factor	Art. No.	€ / Stk
1 1/4 "	225	13.4	147	300	2.634	10	0.6	013600151	163,90
1/2 "	225	13.4	137	300	2.588	10	0.6	013600173	126,90
1 "	225	13.4	142	300	2.634	10	0.6	013600195	147,55
2 "	225	13.4	157	300	2.680	10	0.6	013600217	213,30
3/4 "	225	13.4	137	300	2.595	10	0.6	013600239	131,60
1 1/2 "	250	14.8	165	300	3.251	10	0.6	013600130	205,20
1 1/4 "	250	14.8	160	300	3.249	10	0.6	013600152	180,10
1/2 "	250	14.8	150	300	3.203	10	0.6	013600174	141,45
1 "	250	14.8	155	300	3.249	10	0.6	013600196	161,30
2 "	250	14.8	170	300	3.295	10	0.6	013600218	229,55
3/4 "	250	14.8	150	300	3.210	10	0.6	013600240	145,90
1 1/2 "	280	16.6	175	300	4.031	10	0.6	013600131	228,15
1 1/4 "	280	16.6	170	300	4.029	10	0.6	013600153	202,55
1/2 "	280	16.6	165	300	3.983	10	0.6	013600175	163,95
1 "	280	16.6	170	300	4.004	10	0.6	013600197	185,90
2 "	280	16.6	180	300	4.075	10	0.6	013600219	252,20
3/4 "	280	16.6	165	300	3.990	10	0.6	013600241	169,05
1 1/2 "	315	18.7	197	300	5.081	10	0.6	013600132	252,95
1 1/4 "	315	18.7	192	300	5.079	10	0.6	013600154	228,40
1/2 "	315	18.7	182	300	5.033	10	0.6	013600176	189,55
1 "	315	18.7	187	300	5.054	10	0.6	013600198	211,20
2 "	315	18.7	202	300	5.125	10	0.6	013600220	274,80
3/4 "	315	18.7	182	300	5.040	10	0.6	013600242	193,95
1 1/2 "	355	21.1	217	300	6.431	10	0.6	013600133	288,45
1 1/4 "	355	21.1	212	300	6.429	10	0.6	013600155	263,30
1/2 "	355	21.1	202	300	6.383	10	0.6	013600177	225,00
1 "	355	21.1	207	300	6.404	10	0.6	013600199	245,35
2 "	355	21.1	222	300	6.475	10	0.6	013600221	312,50
3/4 "	355	21.1	202	300	6.390	10	0.6	013600243	231,00
1 1/2 "	400	23.7	240	400	10.831	10	0.6	013600134	330,10
1 1/4 "	400	23.7	235	400	10.829	10	0.6	013600156	308,90
1/2 "	400	23.7	225	400	10.783	10	0.6	013600178	292,80
1 "	400	23.7	230	400	10.804	10	0.6	013600200	302,80
2 "	400	23.7	245	400	10.875	10	0.6	013600222	349,95
3/4 "	400	23.7	225	400	10.790	10	0.6	013600244	297,65
1 1/2 "	450	26.7	265	400	13.671	10	0.6	013600135	447,60
1 1/4 "	450	26.7	260	400	13.669	10	0.6	013600157	426,65
1/2 "	450	26.7	250	400	13.623	10	0.6	013600179	410,25
1 "	450	26.7	225	400	13.644	10	0.6	013600201	420,55
2 "	450	26.7	270	400	13.715	10	0.6	013600223	467,70
3/4 "	450	26.7	250	400	13.630	10	0.6	013600245	415,30
1 1/2 "	500	29.7	290	400	16.831	10	0.6	013600136	576,35
1 1/4 "	500	29.7	285	400	16.829	10	0.6	013600158	555,10
1/2 "	500	29.7	275	400	16.783	10	0.6	013600180	538,85
1 "	500	29.7	280	400	16.804	10	0.6	013600202	549,30
2 "	500	29.7	295	400	16.875	10	0.6	013600224	595,95
3/4 "	500	29.7	275	400	16.790	10	0.6	013600246	543,75

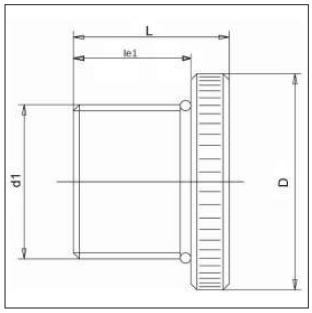
PE 100 Thread plugs

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1.2.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined

Remark
max. admissable operating overpressure for water at +20°C up to 8 bar

Art.code: PE0100——ST—AG-SP—SW09500— **0125**

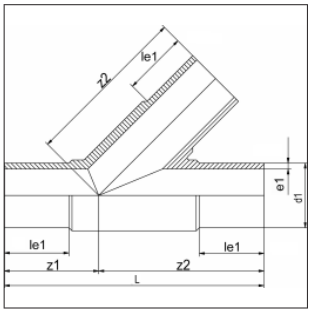
di (")	PN (bar)	D (mm)	le1 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
1 1/2	8	55	30	40	0.032	015100056	40,70
1 1/4	8	45	30.5	40	0.120	015100057	35,00
1/2	8	25	14	25	0.050	015100058	26,60
1	8	40	27	35	0.014	015100059	33,00
2 1/2	8	95	30	40	0.070	015100060	55,75
2	8	70	30	45	0.070	015100061	44,85
3/4	8	30	17.5	30	0.010	015100062	27,65

PE 100 RC Branches 45°, injected (SDR 17/11)

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Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

PE 100 RC inside

Art.code: PE0100——AS–45-LS-FG——SW09500— **0121**

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	z2 (mm)	Angle (°)	Length (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	63	5.8	69	97	162	45	259	16	0.465	**013700664**	220,70
11	75	6.8	77	109	190	45	299	16	0.775	**013700666**	333,15
11	90	8.2	85	137	230	45	367	16	1.370	**013700668**	515,40
11	110	10.0	90	137	260	45	397	16	2.130	**013700671**	731,65
11	125	11.4	108	157	290	45	447	16	3.310	010036462	1.175,65
11	160	14.6	112	183	355	45	538	16	6.260	010036464	2.044,95
11	180	16.4	120	193	387	45	580	16	8.650	010036466	2.423,10
11	200	18.2	122	224	409	45	633	16	11.700	010036468	2.851,90
11	225	20.5	132	230	470	45	700	16	16.300	010036470	4.017,65
11	250	22.7	143	252	540	45	792	16	22.500	010036472	4.971,70
11	280	25.4	146	266	586	45	852	16	31.100	010036474	7.070,00
11	315	28.6	165	303	662	45	965	16	44.400	010036476	9.168,35
17	63	3.8	70	94	162	45	256	10	0.410	**013700663**	198,80
17	75	4.5	77	109	190	45	299	10	0.695	**013700665**	300,10
17	90	5.4	85	135	230	45	365	10	1.035	**013700667**	463,90
17	110	6.6	90	139	260	45	399	10	2.025	**013700670**	658,50
17	125	7.4	108	157	290	45	447	10	2.860	010036461	1.126,65
17	160	9.5	112	183	355	45	538	10	5.620	010036463	1.512,60
17	180	10.7	120	193	387	45	580	10	7.750	010036465	1.902,45
17	200	11.9	122	224	409	45	633	10	10.200	010036467	2.504,55
17	225	13.4	132	230	470	45	700	10	14.800	010036469	2.872,50
17	250	14.8	143	252	540	45	792	10	16.900	010036471	3.858,55
17	280	16.6	146	266	586	45	852	10	23.400	010036473	6.273,40
17	315	18.7	165	303	662	45	965	10	33.400	010036475	8.688,25

Execution in SDR 17, also for SDR 17,6

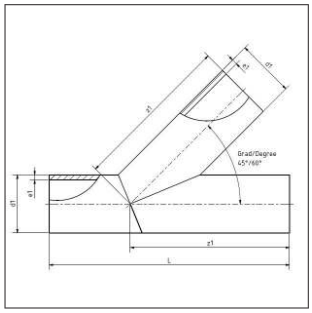
PE 100 Branches 45°, welded (SDR 17/11)

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1.2.2



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Material
PE 100

Colour
black

Execution
fabricated from pipe, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
branches without reinforcement, pressure reduction factor 45°: 0.45 and 60°: 0.5; branches with reinforcement on request, SDR 33 on request

Art.code: PE0100—AS-45-LS-GS—SW09500— **0124**

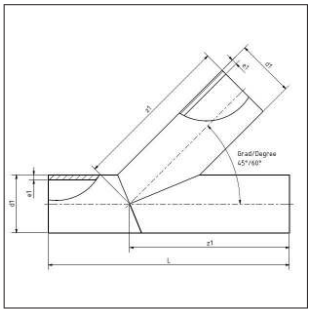
SDR	d (mm)	e (mm)	z1 (mm)	Angle (°)	Length (mm)	kg/piece	PN (bar)	attenuation factor	Art. No.	€ / Stk
11	125	11.4	450	45	650	4.000	16	0.45	013700531	324,80
11	140	12.7	470	45	700	5.000	16	0.45	013700534	410,10
11	160	14.6	500	45	740	7.800	16	0.45	013700537	457,45
11	180	16.4	530	45	780	10.000	16	0.45	013700540	577,80
11	200	18.2	550	45	830	13.200	16	0.45	013700543	718,90
11	225	20.5	580	45	880	17.600	16	0.45	013700546	907,25
11	250	22.7	610	45	940	22.600	16	0.45	013700549	1.259,20
11	280	25.4	650	45	1000	30.200	16	0.45	013700552	1.319,65
11	315	28.6	700	45	1100	42.200	16	0.45	013700555	1.653,15
11	355	32.2	850	45	1280	63.130	16	0.45	013700558	2.163,45
11	400	36.3	900	45	1350	84.750	16	0.45	013700561	2.697,00
11	450	40.9	950	45	1430	113.350	16	0.45	013700564	3.780,40
11	500	45.4	1000	45	1500	146.850	16	0.45	013700567	4.646,00
11	560	50.8	1100	45	1620	195.330	16	0.45	013700570	6.005,30
11	630	57.2	1200	45	1750	257.550	16	0.45	013700573	7.677,45
17	125	7.4	450	45	650	2.600	10	0.45	013700530	245,20
17	140	8.3	470	45	700	3.300	10	0.45	013700533	293,15
17	160	9.5	500	45	740	4.200	10	0.45	013700536	320,95
17	180	10.7	530	45	780	5.800	10	0.45	013700539	382,70
17	200	11.9	550	45	830	7.800	10	0.45	013700542	473,40
17	225	13.4	580	45	880	14.000	10	0.45	013700545	621,80
17	250	14.8	610	45	940	19.000	10	0.45	013700548	840,20
17	280	16.6	650	45	1000	25.000	10	0.45	013700551	945,80
17	315	18.7	700	45	1100	28.000	10	0.45	013700554	1.162,60
17	355	21.1	850	45	1280	41.000	10	0.45	013700557	1.587,50
17	400	23.7	900	45	1350	54.950	10	0.45	013700560	1.806,50
17	450	26.7	950	45	1430	73.530	10	0.45	013700563	2.595,20
17	500	29.7	1000	45	1500	95.300	10	0.45	013700566	3.234,30
17	560	33.2	1100	45	1620	126.500	10	0.45	013700569	4.289,40
17	630	37.4	1200	45	1750	166.300	10	0.45	013700572	5.444,65

PE 100 Branches 60°, welded (SDR 17/11)

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Material
PE 100

Colour
black

Execution
fabricated from pipe, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
branches without reinforcement, pressure reduction factor 45°: 0.45 and 60°: 0.5; branches with reinforcement on request, SDR 33 on request

Art.code: PE0100——AS–60-LS-GS—SW09500— 0124

SDR	d (mm)	e (mm)	z1 (mm)	Angle (°)	Length (mm)	kg/piece	PN (bar)	attenuation factor	Art. No.	€ / Stk
11	110	10.0	325	60	530	2.450	16	0.5	013700576	298,40
11	125	11.4	355	60	570	3.450	16	0.5	013700579	343,55
11	140	12.7	357	60	600	4.550	16	0.5	013700582	402,10
11	160	14.6	412	60	660	6.500	16	0.5	013700585	519,75
11	180	16.4	450	60	720	9.100	16	0.5	013700588	574,05
11	200	18.2	487	60	780	12.200	16	0.5	013700591	714,15
11	225	20.5	530	60	840	16.250	16	0.5	013700594	985,35
11	250	22.7	580	60	910	22.000	16	0.5	013700597	1.140,05
11	280	25.4	630	60	995	30.000	16	0.5	013700600	1.193,95
11	315	28.6	690	60	1090	41.600	16	0.5	013700603	1.484,35
11	355	32.2	730	60	1155	56.000	16	0.5	013700606	1.840,60
11	400	36.3	800	60	1270	77.200	16	0.5	013700609	2.421,05
11	450	40.9	850	60	1360	103.650	16	0.5	013700612	3.325,60
11	500	45.4	900	60	1430	135.100	16	0.5	013700615	4.141,95
11	560	50.8	950	60	1510	179.200	16	0.5	013700618	5.316,05
11	630	57.2	1000	60	1600	238.300	16	0.5	013700621	6.813,10
17	110	6.6	325	60	530	1.620	10	0.5	013700575	226,15
17	125	7.4	355	60	570	2.250	10	0.5	013700578	253,25
17	140	8.3	357	60	600	2.950	10	0.5	013700581	299,80
17	160	9.5	412	60	660	4.250	10	0.5	013700584	361,70
17	180	10.7	450	60	720	5.800	10	0.5	013700587	406,65
17	200	11.9	487	60	780	7.850	10	0.5	013700590	483,65
17	225	13.4	530	60	840	11.700	10	0.5	013700593	677,85
17	250	14.8	580	60	910	14.600	10	0.5	013700596	763,00
17	280	16.6	630	60	995	19.800	10	0.5	013700599	861,60
17	315	18.7	690	60	1090	27.000	10	0.5	013700602	1.073,15
17	355	21.1	730	60	1155	36.400	10	0.5	013700605	1.361,55
17	400	23.7	800	60	1270	50.100	10	0.5	013700608	1.563,20
17	450	26.7	850	60	1360	67.300	10	0.5	013700611	2.267,00
17	500	29.7	900	60	1430	87.700	10	0.5	013700614	2.880,75
17	560	33.2	950	60	1510	116.000	10	0.5	013700617	3.808,75
17	630	37.4	1000	60	1600	154.000	10	0.5	013700620	4.847,95

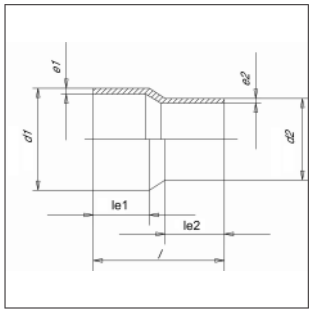
PE 100 RC Reducers concentric, injected (SDR 17/11)

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1.2.2



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

PE 100 RC inside

Art.code: PE0100—RZ—LS—FG—SW09500— **0121**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	25	20	2.3	1.9	41	41	90	0.013	**010013260**	8,00
11	32	20	3.0	2	44	41	101	0.020	**010013261**	9,20
11	32	25	3.0	2.3	44	41	100	0.023	**010013262**	9,20
11	40	25	3.7	2.3	49	41	104	0.035	**010013264**	13,00
11	40	32	3.7	3	49	44	105	0.039	**010013265**	13,00
11	50	25	4.6	2.3	56	42	130	0.061	**010013266**	15,50
11	50	32	4.6	3	57	47	132	0.065	**010013267**	15,50
11	50	40	4.6	3.7	55	51	134	0.075	**010013268**	15,50
11	63	32	5.8	3	63	44	144	0.110	**010013269**	20,85
11	63	40	5.8	3.7	63	49	147	0.118	**010013270**	20,85
11	63	50	5.8	4.6	64	58	152	0.130	**010013271**	20,85
11	75	40	6.8	3.7	70	49	150	0.160	010013272	*
11	75	50	6.8	4.6	70	55	155	0.184	**010013273**	32,20
11	75	63	6.8	5.8	70	65	171	0.215	**010013274**	32,20
11	90	50	8.2	4.6	79	57	174	0.280	**010013275**	32,20
11	90	63	8.2	5.8	79	70	182	0.318	**010013276**	43,85
11	90	75	8.2	6.8	80	73	185	0.345	**010013277**	43,85
11	110	50	10.0	4.6	82	55	170	0.000	010013278	*
11	110	63	10.0	5.8	84	69	185	0.435	**010013279**	58,30
11	110	75	10.0	6.8	84	74	185	0.480	**010013280**	58,30
11	110	90	10.0	8.2	84	81	186	0.500	**010013281**	58,30
11	125	63	11.4	5.8	91	69	200	0.635	**010013282**	70,35
11	125	75	11.4	6.8	90	75	210	0.665	010010602	70,40
11	125	90	11.4	8.2	91	80	202	0.655	**010013283**	70,35
11	125	110	11.4	10	90	90	200	0.760	**010013284**	70,35
11	140	75	12.7	6.8	114	75	231	0.900	010013285	*
11	140	90	12.7	8.2	112	86	237	0.940	**010013286**	101,05
11	140	110	12.7	10	116	90	230	1.035	**010013287**	101,05
11	140	125	12.7	11.4	117	96	235	1.120	**010013288**	101,05
11	160	90	14.6	8.2	109	84	254	1.280	**010013289**	135,30
11	160	110	14.6	10	110	89	254	1.335	**010013290**	135,30
11	160	125	14.6	11.4	110	95	254	1.420	**010013291**	135,30
11	160	140	14.6	12.7	111	104	255	1.595	**010013292**	135,30
11	180	90	16.4	8.2	106	79	245	1.495	**010013293**	151,10
11	180	110	16.4	10	124	94	275	1.795	**010013294**	151,10
11	180	125	16.4	11.4	105	87	245	1.725	**010013295**	151,10
11	180	140	16.4	12.7	120	110	277	2.005	010013296	164,40
11	180	160	16.4	14.6	126	125	279	2.100	**010013297**	164,40
11	200	140	18.2	12.7	123	114	279	2.325	**010013298**	182,25
11	200	160	18.2	14.6	125	115	280	2.420	**010013299**	182,25
11	200	180	18.2	16.4	126	118	277	2.720	**010013300**	182,25
11	225	140	20.5	12.7	133	114	290	2.904	010013301	301,25
11	225	160	20.5	14.6	132	123	295	3.075	**010013302**	301,20
11	225	180	20.5	16.4	130	118	285	3.215	**010013303**	301,20

* on request
Execution in SDR 17, also for SDR 17,6

PE 100 RC Reducers concentric, injected (SDR 17/11)

SIMONA

Art.code: PE0100—RZ—LS—FG—SW09500— 0121 1.2.2

SDR	d1	d2	e	e2	le1	le2	Length	kg/piece	Art. No.	€ / Stk
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
11	225	200	20.5	18.2	126	120	272	3.380	**010013304**	301,20
11	250	160	22.7	14.6	150	110	320	4.070	**010013305**	409,35
11	250	180	22.7	16.4	150	105	325	4.360	**010013306**	428,30
11	250	200	22.7	18.2	150	120	330	4.675	**010013307**	428,30
11	250	225	22.7	20.5	150	130	340	5.130	**010013308**	428,30
11	280	200	25.4	18.2	140	116	345	5.850	**010013309**	537,80
11	280	225	25.4	20.5	142	122	335	6.090	**010013310**	537,80
11	280	250	25.4	22.7	139	135	340	6.700	**010013311**	512,40
11	315	200	28.6	18.2	150	112	355	7.220	**010036621**	733,95
11	315	225	28.6	20.5	150	125	365	7.960	**010013312**	733,80
11	315	250	28.6	22.7	150	134	365	8.470	**010013313**	733,80
11	315	280	28.6	25.4	150	145	365	8.915	**010013314**	733,80
11	355	225	32.2	20.5	170	125	400	10.260	010060348	1.150,00
11	355	250	32.2	22.7	175	135	400	10.620	**010060350**	1.150,00
11	355	280	32.2	25.4	175	145	400	11.070	**010060351**	1.150,00
11	355	315	32.2	28.6	170	160	400	11.850	**010060352**	1.150,00
17	50	25						0.046	019700195	*
17	50	40	3.0	2.4	56	52	134	0.061	019700197	14,70
17	63	32	3.8	2.9	63	46	142	0.080	**019700198**	20,85
17	63	50	3.8	3	64	58	152	0.095	**019700200**	20,85
17	75	40							019700201	*
17	75	50	4.5	3	70	55	155	0.124	014900878	32,20
17	75	63	4.5	3.8	70	63	166	0.150	**014900879**	32,20
17	90	63	5.4	3.8	79	63	177	0.215	**014900880**	43,85
17	90	75	5.4	4.5	80	73	185	0.236	**014900881**	43,85
17	110	63	6.6	3.8	84	68	185	0.295	**014900795**	58,30
17	110	75	6.6	4.5	83	73	183	0.315	**019700273**	58,30
17	110	90	6.6	5.4	83	80	185	0.335	**014900796**	58,30
17	125	63	7.4	3.8	90	68	200	0.450	**014900797**	70,35
17	125	75	7.4	4.5	90	75	210	0.665	010010601	70,40
17	125	90	7.4	5.4	90	80	200	0.460	**014900798**	70,35
17	125	110	7.4	6.6	90	90	200	0.500	**014900799**	70,35
17	140	75	8.3	4.5	114	71	231	0.620	019700440	*
17	140	90	8.3	5.4	112	86	235	0.630	**019700432**	101,05
17	140	110	8.3	6.6	114	91	237	0.695	**019700222**	101,05
17	140	125	8.3	7.4	117	96	235	0.740	**014900882**	101,05
17	160	90	9.5	5.4	109	84	254	0.820	**014900800**	135,30
17	160	110	9.5	6.6	110	89	252	0.890	**014900211**	135,30
17	160	125	9.5	7.4	110	95	254	0.960	**014900801**	135,30
17	160	140	9.5	8.3	110	106	254	1.010	**014900802**	135,30
17	180	90	10.7	5.4	105	81	244	1.040	**019700326**	151,10
17	180	110	10.7	6.6	124	94	275	1.195	**019700441**	151,10
17	180	125	10.7	7.4	105	87	250	1.145	**014900883**	151,10
17	180	140	10.7	8.3	123	114	277	1.305	019700223	164,40
17	180	160	10.7	9.5	126	125	279	1.450	**014900884**	164,40
17	200	140	11.9	8.3	123	114	279	1.590	**019700442**	182,25
17	200	160	11.9	9.5	125	115	280	1.655	**014900212**	182,25
17	200	180	11.9	10.7	120	120	272	1.780	**019700224**	182,25
17	225	140	13.4	8.3	133	114	290	1.980	014900803	292,45
17	225	160	13.4	9.5	134	123	295	2.175	**014900213**	292,45
17	225	180	13.4	10.7	125	118	285	2.145	**014900804**	292,45
17	225	200	13.4	11.9	126	120	272	2.240	**019700443**	292,45
17	250	160	14.8	9.5	150	110	320	2.850	**014901043**	397,40
17	250	180	14.8	10.7	150	110	325	2.970	**014901044**	415,80
17	250	200	14.8	11.9	150	120	330	3.205	**014901045**	415,80
17	250	225	14.8	13.4	150	130	340	3.470	**014901046**	415,80
17	280	200	16.6	11.9	142	116	345	3.880	**019700146**	522,10
17	280	225	16.6	13.4	140	124	335	4.100	**019700140**	522,10
17	280	250	16.6	14.8	139	134	340	4.420	**019700147**	497,35
17	315	200	18.7	11.9	150	112	355	4.960	**010036620**	712,45
17	315	225	18.7	13.4	152	125	371	5.290	**019700148**	712,35
17	315	250	18.7	14.8	151	133	367	5.635	**019700134**	712,35
17	315	280	18.7	16.6	150	140	369	5.940	**019700159**	712,35
17	355	225	21.1	13.4	170	125	400	6.870	010060349	1.080,00
17	355	250	21.1	14.8	175	135	400	7.110	019700239	1.080,00

* on request
Execution in SDR 17, also for SDR 17,6

PE 100 RC Reducers concentric, injected (SDR 17/11)

SIMONA

1.2.2 Art.code: PE0100—RZ—LS—FG—SW09500— 0121

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
17	355	280	21.1	16.6	175	145	400	7.440	019700240	1.080,00
17	355	315	21.1	18.7	170	160	400	7.900	019700241	1.080,00

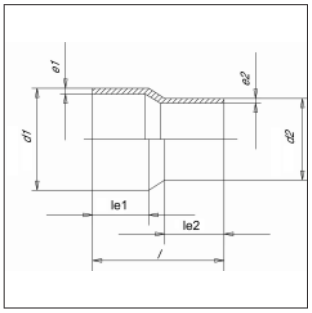
* on request
Execution in SDR 17, also for SDR 17,6

PE 100 Reducers concentric, machined (SDR 17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Art.code: PE0100——RZ—LS—SP——SW09500— **0125**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	355	250	32.2	22.7	175	130	340	10.000	16	**010013322**	522,10
11	355	280	32.2	25.4	175	140	340	13.155	16	010013323	522,30
11	355	315	32.2	28.6	175	150	340	13.000	16	**010013324**	522,30
11	400	280	36.3	25.4	190	140	370	16.880	16	010013325	763,45
11	400	315	36.3	28.6	190	150	370	17.700	16	**010013326**	566,45
11	400	355	36.3	32.2	190	165	370	17.800	16	010013327	543,75
11	450	280	40.9	25.4	205	140	390	16.200	16	010006432	1.150,95
11	450	315	40.9	28.6	205	150	390	16.700	16	010006433	1.105,70
11	450	355	40.9	32.2	205	165	400	17.500	16	010006434	802,70
11	450	400	40.9	36.3	205	180	400	18.500	16	010006435	757,20
11	500	315	45.4	28.6	225	150	430	21.900	16	010006436	1.487,45
11	500	355	45.4	32.2	225	165	430	22.600	16	010006437	1.441,90
11	500	400	45.4	36.3	225	180	430	23.600	16	010006438	1.203,65
11	500	450	45.4	40.9	225	195	430	25.100	16	010006439	1.158,05
11	560	355	50.8	32.2	240	165	460	30.100	16	010006440	2.449,75
11	560	400	50.8	36.3	240	180	470	31.000	16	010006442	2.220,85
11	560	450	50.8	40.9	240	195	470	32.400	16	010006443	2.175,35
11	560	500	50.8	45.4	240	215	470	34.100	16	010006444	1.710,70
11	630	400	57.2	36.3	260	180	510	41.900	16	010006445	2.802,85
11	630	450	57.2	40.9	260	195	510	43.100	16	010006446	2.802,85
11	630	500	57.2	45.4	260	215	510	44.700	16	010006447	2.227,95
11	630	560	57.2	50.8	260	235	520	46.800	16	010006448	2.259,75
17	355	250	21.1	14.8	175	130	340	7.200	10	**010013315**	545,05
17	355	280	21.1	16.6	175	140	340	9.000	10	010013316	522,30
17	355	315	21.1	18.7	175	150	340	10.000	10	**010013317**	522,30
17	400	280	23.7	16.6	190	140	370	13.500	10	**010013318**	763,45
17	400	315	23.7	18.7	190	150	370	13.060	10	**010013319**	566,45
17	400	355	23.7	21.1	190	165	370	15.000	10	**010013320**	543,75
17	450	280	26.7	16.6	205	140	390	11.500	10	010006449	1.150,95
17	450	315	26.7	18.7	205	150	390	11.600	10	010006450	1.105,70
17	450	355	26.7	21.1	205	165	400	11.900	10	010006451	802,70
17	450	400	26.7	23.7	205	180	400	12.700	10	010006452	757,20
17	500	315	29.7	18.7	225	150	430	15.500	10	**010006453**	1.487,45
17	500	355	29.7	21.1	225	165	430	15.700	10	010006454	1.441,90
17	500	400	29.7	23.7	225	180	430	16.200	10	010006455	1.203,65
17	500	450	29.7	26.7	225	195	430	17.000	10	**010006456**	1.158,05
17	560	355	33.2	21.1	240	165	460	21.400	10	010006457	2.449,75
17	560	400	33.2	23.7	240	180	470	21.700	10	010006458	2.220,85
17	560	450	33.2	26.7	240	195	470	22.300	10	010006459	2.175,35
17	560	500	33.2	29.7	240	215	470	23.200	10	010006460	1.710,70
17	630	400	37.4	23.7	260	180	510	29.700	10	**010006461**	2.802,85
17	630	450	37.4	26.7	260	195	510	30.100	10	010006462	2.802,85
17	630	500	37.4	29.7	260	215	510	30.800	10	010006463	2.227,95
17	630	560	37.4	33.2	260	235	520	31.900	10	010006464	2.259,75

Execution in SDR 17, also for SDR 17,6

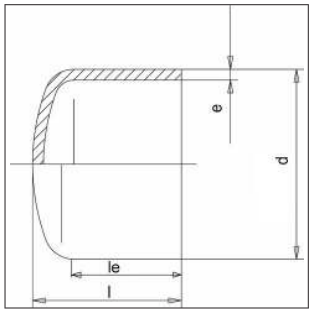
PE 100 RC End caps, injected (SDR 17/11)

SIMONA

1.2.2



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

PE 100 RC inside

Art.code: PE0100—KA—LS—FG—SW09500— **0121**

SDR	d (mm)	e (mm)	le (mm)	PN (bar)	Length (mm)	Art. No.	€ / Stk
11	20	2.0	41	16	49	013900314	10,15
11	25	2.3	41	16	50	**013900315**	11,20
11	32	3.0	46	16	56	**013900316**	13,85
11	40	3.7	49	16	61	**013900317**	16,50
11	50	4.6	59	16	70	**013900320**	21,05
11	63	5.8	66	16	84	**013900323**	28,25
11	75	6.8	73	16	94	**013900326**	51,85
11	90	8.2	82	16	104	**013900329**	63,40
11	110	10.0	92	16	117	**013900332**	80,50
11	125	11.4	93	16	128	**013900335**	92,25
11	140	12.7	97	16	136	**013900338**	116,15
11	160	14.6	108	16	156	**013900341**	121,40
11	180	16.4	113	16	167	**013900344**	166,95
11	200	18.2	117	16	180	**013900347**	208,35
11	225	20.5	127	16	203	**013900350**	248,20
11	250	22.7	138	16	217	**019600003**	285,95
11	280	25.4	151	16	239	**019600056**	402,85
11	315	28.6	158	16	256	**019600062**	551,70
11	355	32.2	175	16	291	**019600058**	897,05
11	400	36.3	193	16	316	**019600060**	1.582,75
17	50	3.0	59	10	70	013900319	18,80
17	63	3.8	66	10	83	**013900322**	27,90
17	75	4.5	72	10	94	**013900325**	52,30
17	90	5.4	84	10	106	**013900328**	63,10
17	110	6.6	92	10	114	**013900331**	80,40
17	125	7.4	92	10	127	**013900334**	92,05
17	140	8.3	97	10	136	**013900337**	115,05
17	160	9.5	107	10	155	**013900340**	121,25
17	180	10.7	114	10	166	**013900343**	166,95
17	200	11.9	117	10	179	**013900346**	207,85
17	225	13.4	127	10	203	**013900349**	248,20
17	250	14.8	140	10	216	**019600054**	285,95
17	280	16.6	149	10	238	**019600055**	402,85
17	315	18.7	158	10	258	**019600061**	551,70
17	355	21.1	175	10	281	**019600057**	897,05
17	400	23.7	195	10	310	**019600059**	1.582,75

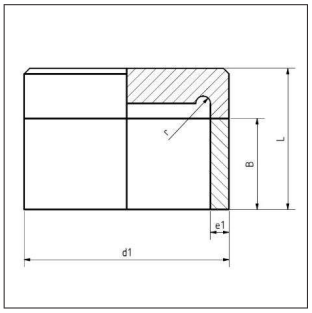
Execution in SDR 17, also for SDR 17,6

PE 100 End caps, elongated (SDR 17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, elongated with pipe, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SDR 33 on request

Art.code: PE0100—KA—LS—GS—SW09500— **0125**

SDR	d (mm)	e (mm)	b (mm)	Length (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	450	40.9	220	300	22.120	16	010006420	896,40
11	500	45.4	240	325	30.226	16	010006421	1.057,30
11	560	50.8	260	360	42.368	16	010006422	1.170,70
11	630	57.2	280	400	64.850	16	010006423	1.669,95
17	450	26.7	220	290	16.795	10	010006424	820,15
17	500	29.7	240	315	22.638	10	010006425	971,80
17	560	33.2	260	340	31.062	10	010006426	1.101,75
17	630	37.4	280	370	43.506	10	010006427	1.419,40

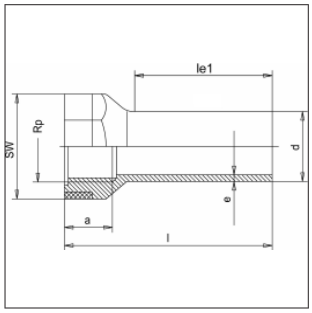
Execution in SDR 17, also for SDR 17,6

PE 100 RC Adaptors with threaded female end Rp, injected (SDR 11)

1.2.2



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
With cylindric threaded female end Rp (acc. to DIN EN 10226/1), With reinforcement-ring made of galvanised steel, max. admissable operating overpressure for water at +20°C 8 bar, Double-layer PTFE tape recommended as sealant

PE 100 RC inside

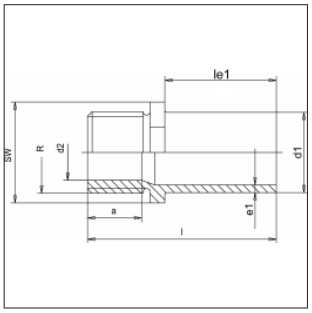
Art.code: PE0100——AD—LSIG-FG–RP—SW0950— **0121**

SDR	d (mm)	e (mm)	Length (mm)	le1 (mm)	a (mm)	RP (")	SW (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	20	2.0	65	41	16	1/2	30	0.012	8	**019900013**	18,40
11	25	2.3	65	41	18	3/4	36	0.017	8	**019900014**	20,80
11	32	3.0	71	44	21	1	46	0.032	8	**019900015**	26,95
11	40	3.7	79	49	23	1 1/4	55	0.049	8	**019900016**	30,55
11	50	4.6	88	55	24	1 1/2	60	0.070	8	**019900017**	47,40
11	63	5.8	102	63	29	2	75	0.127	8	**019900018**	54,20

PE 100 RC Adaptors with threaded male end R, injected (SDR 11)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
With conical threaded male end R (acc. to DIN EN 10226/1), max. admissable operating overpressure for water at +20 °C 8 bar, Double-layer PTFE tape recommended as sealant

PE 100 RC inside

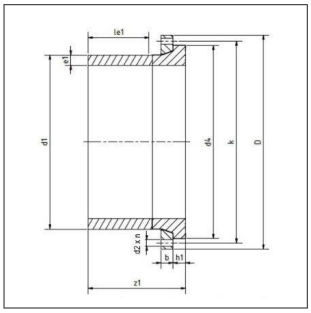
Art.code: PE0100——AD—LSAG-FG–R—SW09500— 0121

SDR	d (mm)	e (mm)	le1 (mm)	a (mm)	R (")	SW (mm)	Length (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	20	2.0	41	14	1/2	24	58	0.009	8	**020000013**	14,40
11	25	2.3	41	14	3/4	27	61	0.012	8	**020000014**	17,40
11	32	3.0	44	18	1	36	69	0.024	8	**020000015**	22,05
11	40	3.7	49	19	1 1/4	46	75	0.039	8	**020000016**	24,50
11	50	4.6	55	20	1 1/2	55	82	0.058	8	**020000017**	41,65
11	63	5.8	63	21	2	65	91	0.099	8	**020000018**	49,20

PE 100 RC Safety Intelligence Flange connections, enlongated, Rilsan (SDR 17/11)

SIMONA

1.2.2



Material
PE 100 RC

Execution
with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3; DIN EN ISO 15494/C, drilled PN 10/16 acc. to DIN EN 1092/1

Remark
Plastic coated steel flange

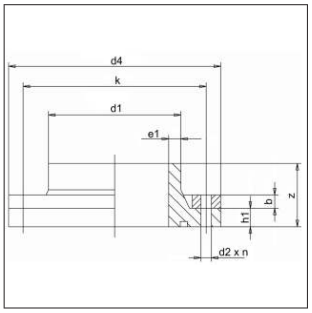
Art.code: PE0100-----SI--LS--RI--DN-SW09500-- **0124**

SDR	PN (bar)	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	Amount n	e (mm)	D (mm)	b (mm)	k (mm)	z1 (mm)	h1 (mm)	Art. No.	€ / Stk
11	16	710	700	36	800	24	64.5	910	63	840	450	70	010040336	5.685,50
11	16	800	800	39	900	24	72.6	1025	74	950	540	83	010058368	*
11	16	900	900	39	1000	28	81.8	1125	82	1050	590	91	010058367	*
11	16	1000	1000	42	1115	28	90.9	1255	90	1170	610	101	010058369	*
17	10	710	700	30	800	24	42.1	895	50	840	450	50	010040335	4.323,80
17	10	800	800	33	905	24	47.4	1015	56	950	470	54	010040337	6.710,25
17	10	900	900	33	1005	28	53.3	1115	62	1050	505	58	010040338	8.146,95
17	10	1000	1000	36	1110	28	59.3	1230	70	1160	560	72	010058364	*
17	10	1100	1200	39	1330	32	64.7	1455	83	1380	640	96	010058365	*
17	10	1200	1200	39	1330	32	71.1	1455	83	1380	640	84	010058366	*

* on request

PE 100 Special flange connections elongated, with round holes, EPDM seal and plastic coated Flange

(SDR 17/11)



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

Art.code: PE0100—SFV–LSEPDPPRL—SW09500— **0125**

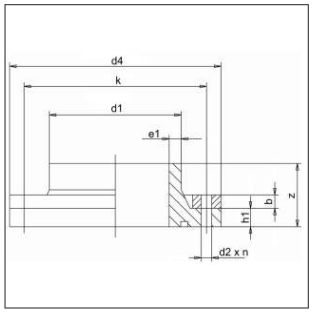
SDR	PN	d	DN	d2	d4	e	b	k	z1	h1	Amount n	Art. No.	€ / Stk
	(bar)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
11	16	90	65	18	180	8.2	22	145	255	26	8	010036878	293,55
11	16	110	80	18	200	10.0	20	160	260	30	8	010036880	311,15
11	16	140	100	18	225	12.7	20	180	260	33	8	010036907	341,95
11	16	160	125	18	250	14.6	24	210	265	35	8	010036882	396,65
11	16	180	125	18	250	16.4	24	210	315	35	8	010036884	417,65
11	16	200	150	23	285	18.2	22	240	205	35	8	010036909	444,75
11	16	250	200	22	340	22.7	24	295	245	35	12	**010036910**	573,80
11	10	250	200	22	340	22.7	24	295	245	35	8	010038883	539,90
11	16	315	250	26	400	28.6	26	355	275	45	12	**010036558**	861,35
11	10	315	250	22	400	28.6	30	350	313	35	12	010038760	800,10
11	16	355	300	26	450	32.2	28	410	275	56	12	**010036559**	954,55
11	10	355	300	22	458	32.2	34	400	270	40	12	**010038936**	862,10
11	16	400	350	26	510	36.3	30	470	320	40	16	010036913	1.406,85
11	10	400	350	22	505	36.3	39	460	320	40	16	010038942	1.298,00
11	16	450	400	30	580	40.9	32	525	335	55	16	**010036914**	1.628,95
11	10	450	400	26	565	40.9	44	515	335	55	16	010038948	1.513,30
11	16	500	400	30	580	45.4	32	525	422	55	16	**010036916**	2.498,50
11	10	500	400	26	565	45.4	44	515	416	55	16	010048938	2.384,20
11	16	560	500	33	710	50.8	36	650	370	83	20	010036917	2.681,90
11	10	560	500	26	670	50.8	44	620	370	55	20	010038960	2.121,40
11	16	630	500	33	710	57.2	36	650	500	83	20	010036918	3.767,25
11	10	630	500	26	670	57.2	44	620	500	55	20	010038966	3.206,40
11	10	710	600	30	780	64.5	34	725	627	60	20	010038972	5.200,95
17	10	90	65	18	180	5.4	22	145	255	26	8	010036877	293,55
17	10	110	80	18	200	6.6	20	160	260	30	8	010036879	311,15
17	10	140	100	18	225	8.3	20	180	260	33	8	010036906	341,95
17	10	160	125	18	250	9.5	24	210	265	35	8	010036881	396,65
17	10	180	125	18	250	10.7	24	210	379	35	8	010036883	417,65
17	10	200	150	23	285	11.9	22	240	205	35	8	010036908	444,75
17	10	250	200	22	340	14.8	24	295	245	35	8	010036885	492,60
17	10	315	250	22	400	18.7	30	350	313	35	12	**010036886**	749,85
17	10	355	300	22	458	21.1	34	400	270	40	12	**010036887**	789,40
17	10	400	350	22	505	23.7	39	460	560	40	16	010036888	1.137,90
17	10	450	400	27	565	26.7	44	515	335	55	16	**010036889**	1.323,45
17	10	500	400	26	565	29.7	44	515	439	55	16	010037620	2.053,60
17	10	560	500	26	670	33.2	44	620	370	55	20	**010036890**	1.844,65
17	10	630	500	26	670	37.4	44	620	495	55	20	010036891	2.772,30
17	10	710	600	30	780	42.1	34	725	627	60	20	010036919	4.312,00

PE 100 Special flange connections extra long, with round holes, EPDM seal and plastic coated Flange

(SDR 17/11)

SIMONA

1.2.2



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed, dismountable

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

Art.code: PE0100—SFV-XLSEPDPPRL—SW09500— **0125**

SDR	PN	d	DN	d2	d4	e	b	k	z1	h1	Amount n	Art. No.	€ / Stk
	(bar)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
11	16	180	125	18	250	16.4	24	210	380	35	8	010036942	455,60
11	16	200	150	23	285	18.2	22	240	380	35	8	010036967	578,55
11	16	250	200	22	340	22.7	24	295	410	35	12	010036968	750,70
11	10	250	200	22	340	22.7	24	295	410	35	8	010038884	706,30
11	16	315	250	26	400	28.6	26	355	430	45	12	010036969	914,85
11	10	315	250	22	400	28.6	30	350	430	35	12	010038931	849,75
11	16	355	300	26	450	32.2	28	410	560	56	12	010036970	1.137,70
11	10	355	300	22	458	32.2	34	400	540	40	12	010038937	1.027,50
11	16	400	350	26	510	36.3	30	470	560	40	16	010036971	1.560,65
11	10	400	350	22	505	36.3	39	460	560	40	16	010038943	1.439,90
11	16	450	400	30	580	40.9	32	525	625	55	16	010036972	2.119,40
11	10	450	400	27	565	40.9	44	515	625	55	16	010038949	1.968,95
11	16	500	400	30	580	45.4	32	525	740	55	16	010036974	3.085,20
11	10	500	400	26	565	45.4	44	515	740	55	16	010048939	2.944,05
11	16	560	500	33	710	50.8	36	650	775	83	20	010036975	3.178,05
11	10	560	500	26	670	50.8	44	620	710	55	20	010038961	2.513,80
11	16	630	500	33	710	57.2	36	650	870	83	20	010036976	5.116,65
11	10	630	500	26	670	57.2	44	620	865	55	20	010038967	4.354,85
11	10	710	600	30	780	64.5	34	725	910	60	20	010038973	6.761,25
17	10	180	125	18	250	10.7	24	210	444	35	8	010036941	456,75
17	10	200	150	23	285	11.9	22	240	380	35	8	010036966	566,60
17	10	250	200	22	340	14.8	24	295	410	35	8	010036943	581,20
17	10	315	250	22	400	18.7	30	350	430	35	12	010036944	840,75
17	10	355	300	22	458	21.1	34	400	540	40	12	010036945	935,90
17	10	400	350	22	505	23.7	39	460	560	40	16	010036946	1.287,30
17	10	450	400	27	565	26.7	44	515	625	55	16	010036947	1.757,20
17	10	500	400	26	565	29.7	44	515	740	55	16	010037621	2.520,55
17	10	560	500	26	710	33.2	44	620	710	55	20	010036948	2.911,45
17	10	630	500	26	670	37.4	44	620	865	55	20	010036949	3.236,75
17	10	710	600	30	780	42.1	34	725	910	60	20	010036977	5.306,95

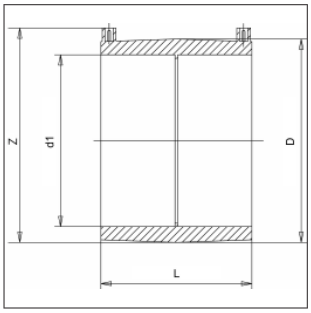
PE 100 Electrofusion sockets d25 - 400 - pressure PN 16 128
PE 100 Electrofusion sockets d450 - 800 - pressure PN 16 129
PE 100 Electrofusion sockets d90-355 - sewer and pressure up to PN 10 130
PE 100 Electrofusion sockets d450-900 - sewer and pressure up to PN 10 131
PE 100 Tapping saddle 132
PE 100 Shaft Connections SIMOFUSE® 134
PE 100 Shaft connections 135
PE 100 External saddle with elongated spigot 136
PE 100 External saddle with socket 137
PE 100 External saddle with articulated electrofusion socket 138
EPDM Pipe collar wall seals 139

PE 100 Electrofusion sockets d25 - 400 - pressure PN 16

1.3



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
suitable for pipes SDR 17 up to SDR 11

Dimensions
DVGW GW 335/B2, DIN EN 12201/3, DIN EN 1555/3

Remark
Gas up to PN 10, water up to PN 16, > d 450 separate welding zones, connection contact: 4.0 mm

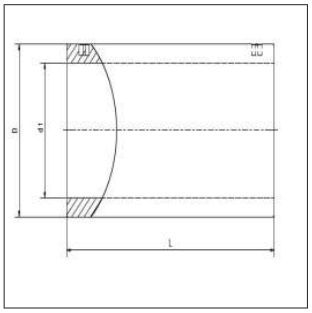
Art.code: PE0100——MU—EM—FG——SW09500— **0126**

d (mm)	PN (bar)	Z (mm)	D (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
25	16	54	36	82	0.060	014300104	8,15
32	16	64	44	88	0.070	**014300105**	8,45
40	16	73	56	97	0.108	**014300106**	9,45
50	16	84	68	102	0.154	**014300107**	16,55
63	16	98	82	117	0.232	**014300108**	13,70
75	16	111	98	127	0.340	**014300109**	21,20
90	16	127	112	148	0.405	**014300110**	19,80
110	16	150	135	163	0.720	**014300111**	26,35
125	16	168	157	173	0.880	**014300112**	36,00
140	16	184	174	183	1.120	**014300113**	66,70
160	16	203	194	195	1.550	**014300114**	71,45
180	16	225	218	212	2.112	**014300115**	85,80
200	16	247	242	223	2.785	**014300116**	139,25
225	16	274	272	240	3.900	**014300117**	147,40
250	16	301	301	246	4.461	**014300118**	182,55
280	16	343	342	275	6.440	**014300134**	355,80
315	16	387	387	282	8.845	**014300119**	419,05
355	16	431	431	277	10.200	**014300180**	667,05
400	16	485	485	293	13.800	**014300181**	915,60

PE 100 Electrofusion sockets d450 - 800 - pressure PN 16



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
for pipes SDR 17 up to SDR 11; d 205 - 315 Type SIMONA

Remark
gas up to PN 10, water up to PN 16, >d 450 separate welding zones, connection contact: 4.0 mm

Art.code: PE0100—MU— EMDR-FG—SW09500— **0126**

d (mm)	PN (bar)	D (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
450	16	539	306	16.000	014300129	2.098,20
500	16	603	340	20.200	014300130	2.263,65
560	16	674	376	28.000	010017953	4.725,80
630	16	759	418	39.200	010017954	5.410,40
710	16	853	472	55.700	010019047	7.861,55
800	16	955	500	57.300	010019048	10.312,85

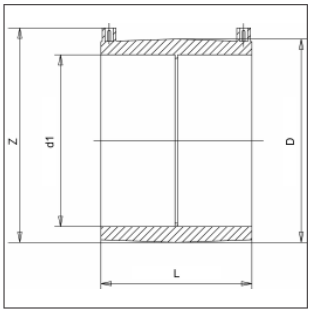
PE 100 Electrofusion sockets d90-355 - sewer and pressure up to PN 10

SIMONA

1.3



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
usable for pipes: SDR 33 up to SDR 17

Remark
> d 500 separate welding zones, Connection contact: 4.0 mm

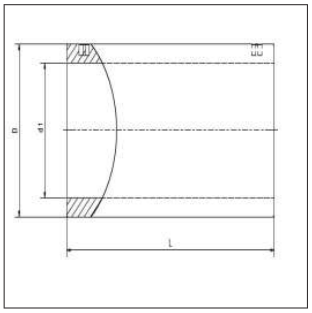
Art.code: PE0100——MU—EMKANFG——SW09500— **0127**

d (mm)	PN (bar)	Z (mm)	D (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
90	10	123	108	148	0.522	014300125	21,95
110	10	145	131	163	0.640	**014300012**	26,90
125	10	161	149	173	0.540	014300013	36,60
140	10	177	167	182	0.800	014300065	41,90
160	10	202	193	198	1.100	**014300014**	44,75
180	10	200	193	198	1.740	014300015	63,20
200	10	245	235	232	2.120	**014300016**	78,25
225	10	273	264	240	2.860	**014300017**	91,55
250	10	302	293	256	3.700	014300018	130,70
280	10	332	332	275	5.400	**014300019**	166,75
315	10	380	374	284	7.040	**014300020**	188,00
355	10	434	421	280	5.950	**014300021**	270,80
400	10	494	474	296	7.500	014300022	349,00

PE 100 Electrofusion sockets d450-900 - sewer and pressure up to PN 10



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
usable for pipes: SDR 33 up to SDR 17

Remark
> d 500 separate welding zones, Connection contact: 4.0 mm

Art.code: PE0100—MU—EMKANFG—SW09500— **0127**

d (mm)	PN (bar)	D (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
450	10	518	310	8.800	**014300023**	492,55
500	10	576	340	11.850	014300024	791,45
560	10	628	376	18.100	**014300140**	986,25
630	10	706	400	34.000	010006673	1.707,30
710	10	797	440	48.600	010017951	2.751,60
800	10	897	470	65.900	010017952	3.398,25
900	10	1031	500	91.500	010019102	5.374,60

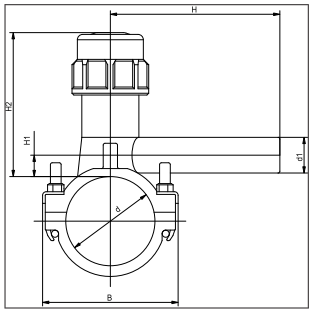
PE 100 Tapping saddle

SIMONA

1.3



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
injected

Remark
Gas up to 10 bar, water up to 16 bar A: with mono block B: with banding, Required tapping tool (1/2" square wrench) not included

Art.code: PE0100—DAS–EM———SW09500— **0126**

d (mm)	d2 (mm)	H (mm)	H1 (mm)	H2 (mm)	PN (bar)	B (mm)	kg/piece	Art. No.	€ / Stk
40	20	105	7	94	16	66	0.350	015700042	64,75
40	32	120	12	94	16	66	0.400	015700043	64,75
50	20	110	7	94	16	76	0.330	015700044	80,20
50	32	120	12	98	16	76	0.360	015700045	80,20
63	20	116	7	98	16	92	0.436	015700046	88,75
63	32	125	12	98	16	92	0.455	015700047	88,75
63	40	148	65	98	16	103	1.070	015700048	88,75
63	50	141	65	177	16	103	1.085	015700049	88,75
63	63	178	65	177	16	103	1.100	015700050	88,75
75	32	127	65	177	16	117	1.000	015700051	96,30
75	40	148	65	177	16	117	1.130	015700052	96,30
75	50	141	65	177	16	117	1.140	015700053	96,30
75	63	178	65	177	16	117	1.150	015700054	96,30
90	32	125	18	177	16	124	1.010	015700055	97,05
90	40	133	21	116	16	124	1.000	015700056	97,05
90	50	141	65	116	16	124	1.680	015700057	97,05
90	63	178	65	177	16	124	1.270	015700058	97,05
110	32	127	18	177	16	145	0.920	015700059	111,40
110	40	137	21	116	16	145	1.060	015700060	111,40
110	50	141	65	116	16	145	1.760	015700061	111,40
110	63	178	65	177	16	145	1.220	015700062	111,40
125	32	130	18	177	16	162	1.020	015700063	128,60
125	40	140	21	116	16	162	1.280	015700064	128,60
125	50	141	65	116	16	162	1.290	015700065	128,60
125	63	178	65	177	16	162	1.310	015700066	128,60
140	32	127	65	177	16	178	1.350	015700067	167,60
140	40	148	65	177	16	178	1.360	015700068	167,60
140	50	141	65	177	16	178	1.370	015700069	167,60
140	63	178	65	177	16	178	1.410	015700070	167,60
160	32	143	18	177	16	199	1.130	015700071	181,30
160	40	156	21	137	16	199	1.360	015700072	181,30
160	50	169	25	137	16	199	1.375	015700073	181,30
160	63	195	20	137	16	199	1.390	015700074	181,30
180	32	143	18	137	16	219	1.565	015700075	205,75
180	40	156	21	137	16	219	1.580	015700076	205,75
180	50	169	25	137	16	219	1.595	015700077	205,75
180	63	195	20	137	16	219	1.605	015700078	205,75
200	32	127	47	126	16	202	1.200	015700079	228,75
200	40	148	47	135	16	202	1.760	015700080	228,75
200	50	141	52	150	16	202	1.770	015700081	228,75
200	63	178	52	183	16	202	1.780	015700082	228,75
225	32	127	47	126	16	229	1.810	015700083	298,80
225	40	148	47	135	16	229	1.820	015700084	298,80
225	50	141	52	150	16	229	1.820	015700085	298,80
225	63	178	52	183	16	229	1.840	015700086	298,80
250	32	127	47	126	16	259	1.200	015700087	325,40
250	40	148	47	135	16	259	1.140	015700088	325,40
250	50	141	52	150	16	259	1.589	015700089	325,40

PE 100 Tapping saddle

SIMONA

Art.code: PE0100—DAS–EM———SW09500— 0126 1.3

d (mm)	d2 (mm)	H (mm)	H1 (mm)	H2 (mm)	PN (bar)	B (mm)	kg/piece	Art. No.	€ / Stk
250	63	178	52	183	16	259	1.629	015700090	325,40

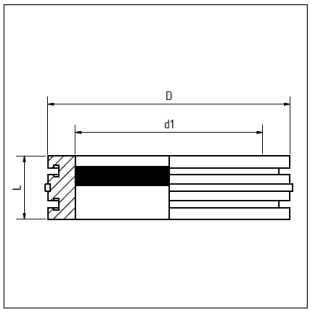
PE 100 Shaft Connections SIMOFUSE® (SDR 26/17.6)

SIMONA

1.3



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined with integral electrofusion joints, Length 135 mm, Other lengths on request

Remark
Suitable for the connection of PE sewer pipes in SDR classes 26 und 17.6 to precast concrete shafts*

Art.code: PE0100——SF——IHW——EM-SW09500—— **0127**

SDR	D (mm)	d1 (mm)	Length (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
17.6	200	161.5	135	1.800	6	016500079	397,35
17.6	225	181.7	135	2.300	6	016500080	422,20
17.6	250	201.8	135	2.600	6	016500081	436,20
17.6	280	227.1	135	3.300	6	016500082	445,20
17.6	315	252.3	135	4.300	6	016500083	477,10
17.6	355	282.6	135	5.900	6	**016500085**	498,90
17.6	400	317.9	135	7.400	6	016500087	536,05
17.6	450	358.2	135	9.400	6	**016500090**	661,45
17.6	500	403.6	135	10.000	6	016500093	709,95
17.6	560	453.8	135	13.700	6	**016500096**	833,40
17.6	630	505	135	12.000	6	016500099	1.023,30
17.6	710	564.3	135	19.900	6	**016500102**	1.115,55
17.6	800	634.6	135	22.300	6	**016500105**	1.283,55
26	355	282.6	135	5.400	4	016500084	492,30
26	400	317.9	135	6.800	4	016500086	529,65
26	450	358.2	135	8.600	4	016500089	652,55
26	500	403.6	135	8.900	4	016500092	697,85
26	560	453.8	135	12.400	4	016500095	827,05
26	630	505	135	13.000	4	016500098	1.015,35
26	710	564.3	135	17.500	4	016500101	1.105,90
26	800	634.6	135	20.900	4	016500104	1.271,40

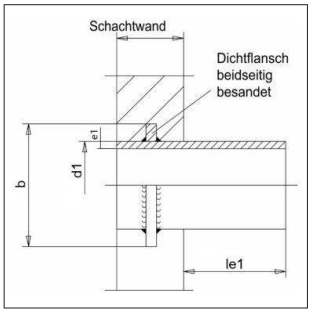
*Can be subjected to test pressure of up to 0.5 bar. Supplied with pipe piece for shaft base adaption. Dimensioning for integration into the shafts or brickwork. Assembly instructions to be observed.

PE 100 Shaft connections (SDR 33/17/11)

SIMONA



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
for butt welding, with sanded seal flange for concreting

Remark
On request deliverable in SDR 26, Please specify the shaft wall thickness

Art.code: PE0100—SA—EB——SW09500— **0125**

SDR	d (mm)	e (mm)	le1 (mm)	B (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	160	14.6	300	260	3.960	10	016400046	220,75
11	180	16.4	300	280	5.220	10	016400047	251,60
11	200	18.2	300	300	5.700	10	016400048	285,30
11	225	20.5	300	325	7.540	10	016400049	306,05
11	250	22.7	300	350	8.700	10	016400007	344,55
11	280	25.4	300	380	10.800	10	016400050	389,20
11	315	28.6	300	415	15.000	10	016400011	442,95
11	355	32.2	400	455	16.500	10	016400051	537,80
11	400	36.3	400	500	25.500	10	016400052	615,75
11	450	40.9	400	550	31.800	10	016400053	707,90
11	500	45.4	400	610	32.000	10	016400054	860,65
11	560	50.8	400	660	50.000	10	016400055	1.021,55
11	630	57.2	400	730	61.800	10	016400056	1.219,75
17	160	9.5	300	260	3.400	6	016400003	208,75
17	180	10.7	300	280	4.143	6	016400030	237,60
17	200	11.9	300	300	4.800	6	016400031	263,80
17	225	13.4	300	325	6.133	6	016400006	279,65
17	250	14.8	300	350	7.000	6	016400032	319,25
17	280	16.6	300	380	7.481	6	016400009	351,30
17	315	18.7	300	415	13.127	6	016400033	394,45
17	355	21.1	400	455	11.200	6	016400034	477,10
17	400	23.7	400	500	15.000	6	016400035	546,05
17	450	26.7	400	550	17.800	6	016400012	596,90
17	500	29.7	400	610	25.000	6	016400036	719,15
17	560	33.2	400	660	27.400	6	016400037	843,30
17	630	37.4	400	730	40.200	6	016400038	995,50
17	710	42.1	500	830	49.000	6	016400039	1.339,35
17	800	47.4	500	920	59.000	6	016400040	1.603,95
17	900	53.3	500	1020	80.000	6	016400041	1.923,05
17	1000	59.3	500	1140	98.000	6	016400042	2.408,75
33	160	4.9	300	260	3.200	3.2	016400002	199,70
33	180	5.5	300	280	3.700	3.2	016400016	221,65
33	200	6.2	300	300	4.500	3.2	016400004	246,60
33	225	6.9	300	325	5.100	3.2	016400005	260,75
33	250	7.7	300	350	5.860	3.2	016400017	288,45
33	280	8.6	300	380	6.800	3.2	016400008	322,30
33	315	9.7	300	415	9.000	3.2	016400010	353,55
33	355	10.9	400	455	11.000	3.2	016400018	407,50
33	400	12.3	400	500	14.000	3.2	016400019	449,50
33	450	13.8	400	550	15.500	3.2	016400020	504,85
33	500	15.3	400	610	17.000	3.2	016400021	600,05
33	560	17.2	400	660	19.800	3.2	016400022	694,10
33	630	19.3	400	730	24.000	3.2	016400023	806,35
33	710	21.8	500	830	34.000	3.2	016400024	1.054,80
33	800	24.5	500	920	44.500	3.2	016400025	1.242,55
33	900	27.6	500	1020	54.600	3.2	016400026	1.464,35
33	1000	30.6	500	1140	66.900	3.2	016400027	1.849,85

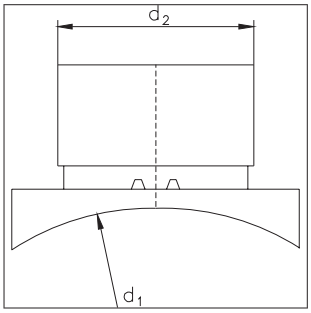
PE 100 External saddle with elongated spigot

SIMONA

1.3



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, for electrofusion welding, d 280 - 560 type LF, > d 560 model SIMOFUSE®

Remark
suitable for electrofusion connection of service pipes to PE sewer pipes as part of open-trench installation*

Art.code: PE0100—HA—EMAS-LS—SW09500— **0127**

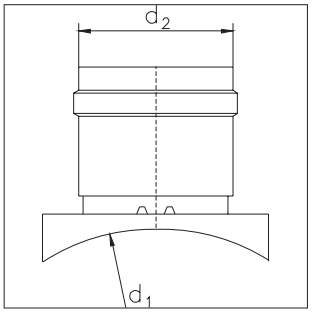
d1 (mm)	d2 (mm)	Art. No.	€ / Stk
280	160	024100023	432,40
315	160	024100024	432,40
355	160	024100025	457,40
400	160	024100026	457,40
450	160	024100027	457,40
500	160	024100028	457,40
560	160	024100029	457,40
630	160	024100030	543,10
710	160	024100031	580,80

*Can be subjected to test pressure of up to 0.5 bar. Required fixing/gripping devices available on request. Assembly instructions to be observed.

PE 100 External saddle with socket



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, for electrofusion welding, d 280 - 560 type LF, > d 560 model SIMOFUSE®

Remark
suitable for electrofusion connection of service pipes to PE sewer pipes as part of open-trench installation*

Art.code: PE0100—HA—EMAS-ST—SW 09500— **0127**

d1 (mm)	d2 (mm)	Art. No.	€ / Stk
280	150	024100008	616,55
315	150	024100009	616,55
355	150	024100010	652,25
400	150	024100011	652,25
450	150	024100012	652,25
500	150	024100013	652,25
560	150	024100014	652,25
630	160	024100015	591,20
710	160	024100016	628,55

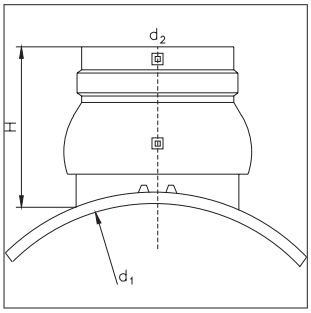
*Can be subjected to test pressure of up to 0.5 bar. Required fixing/gripping devices available on request. Assembly instructions to be oberserved.

PE 100 External saddle with articulated electrofusion socket

1.3



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
injected, for electrofusion welding, Model LF

Remark
suitable for electrofusion connection of service pipes to PE sewer pipes as part of open-trench installation*

Art.code: PE0100—HA—EMAS-LF—SW09500— **0127**

d1 (mm)	d2 (mm)	Art. No.	€ / Stk
200	160	010013651	477,90
225	160	024100035	479,25
250	160	024100036	479,25
280	160	024100037	508,70
315	160	024100038	508,70
355	160	024100039	539,25
400	160	024100040	539,25
450	160	010006407	539,25
500	160	010006408	539,25
560	160	010006409	539,25
630	160	010022173	571,85
710	160	010022174	571,85

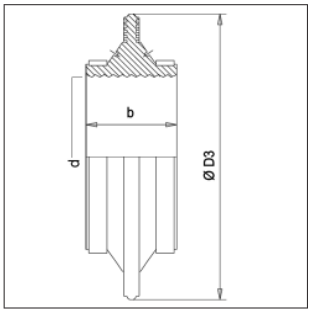
*Can be subjected to test pressure of up to 0.5 bar. Required fixing/gripping devices available on request. Assembly instructions to be observed.

EPDM Pipe collar wall seals

SIMONA



Product image for illustration purposes only.



Material
EPDM

Colour
black

Execution
with 2 stainless steel bandings and locks

Remark
The secure sealing against water migrating into the soil up to 8 bars. The elastic pipe collar wall seal must not be used as a load bearing point.

Art.code: EPDM——MK————SW09500— **0950**

d (mm)	b (mm)	D3 (mm)	kg/piece	Art. No.	€ / Stk
32	60	127	0.200	018600007	74,30
40	60	136	0.250	018600024	74,30
50	60	146	0.270	018600008	74,30
63	60	158	0.310	018600001	77,10
75	60	169	0.340	018600009	84,00
90	60	182	0.460	018600010	87,85
105	70	203	0.464	018600002	94,90
125	60	218	0.720	018600011	101,75
140	60	218	0.540	018600012	103,95
154	70	252	0.880	018600003	104,50
175	70	273	1.100	018600014	110,20
180	60	273	0.980	018600013	107,90
225	60	315	0.880	018600015	113,40
245	70	343	0.900	018600016	116,15
280	60	373	1.440	018600017	121,60
310	70	408	1.150	018600004	134,60
355	75	435	1.750	018600018	181,00
395	75	480	2.020	018600019	196,95
442	70	540	2.120	018600005	207,45
490	70	588	2.260	018600020	232,90
560	75	640	2.950	018600006	259,75
613	70	711	3.040	018600021	279,00
710			3.500	018600025	*
775	70	873	3.895	018600022	*
900			2.555	018600026	*
965	70	1063	4.420	018600023	*
1155	70	1253	5.700	010049230	*

* on request

1.4.1 PE 100 FM-Line Pipes

PE 100 FM-Line Pressure pipes 142

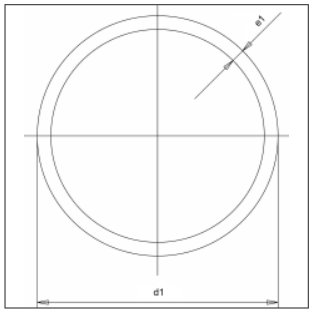
PE 100 RC FM-Line Pressure pipes 143

PE 100 FM-Line Pressure pipes (SDR 11)

SIMONA

1.4.1





Product image for illustration purposes only.

Material
PE 100

Colour
black

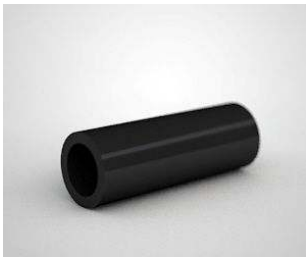
Dimensions
DIN 8074, DIN EN ISO 15494, DIN EN 12201, other lengths on request

Remark
FM Approval 1613 15 bar / 218 psi

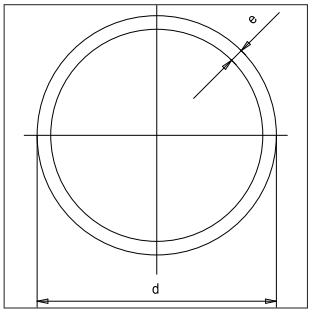
Art.code: PE0100-FM—RO—EX———SW09500— **0101**

SDR	d (mm)	e (mm)	PN (bar)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	90	8.2	16	6	2.14	010024789	12,60
11	90	8.2	16	12	2.14	010024805	12,60
11	110	10.0	16	6	3.18	010024790	17,20
11	110	10.0	16	12	3.18	010024806	17,20
11	125	11.4	16	6	4.12	010024791	23,15
11	125	11.4	16	12	4.12	010024807	23,15
11	140	12.7	16	6	5.13	010024792	31,65
11	140	12.7	16	12	5.13	010024808	31,65
11	160	14.6	16	6	6.74	**010024793**	37,80
11	160	14.6	16	12	6.74	010024809	37,80
11	180	16.4	16	6	8.51	010024794	50,75
11	180	16.4	16	12	8.51	010024810	50,75
11	200	18.2	16	6	10.5	010024795	66,80
11	200	18.2	16	12	10.5	010024811	66,80
11	225	20.5	16	6	13.3	010024796	80,00
11	225	20.5	16	12	13.3	010024812	80,00
11	250	22.7	16	6	16.3	010024797	98,95
11	250	22.7	16	12	16.3	010024813	98,95
11	280	25.4	16	6	20.5	010024798	123,65
11	280	25.4	16	12	20.5	010024814	123,65
11	315	28.6	16	6	25.9	010024775	156,85
11	315	28.6	16	12	25.9	**010024776**	156,85
11	355	32.2	16	6	32.9	010024799	198,90
11	355	32.2	16	12	32.9	**010024815**	198,90
11	400	36.3	16	6	41.7	010024800	252,50
11	400	36.3	16	12	41.7	010024816	252,50
11	450	40.9	16	6	52.8	010024801	312,35
11	450	40.9	16	12	52.8	010024818	312,35
11	500	45.4	16	6	65.2	010024802	395,45
11	500	45.4	16	12	65.2	010024819	395,45
11	560	50.8	16	6	81.7	010024803	496,45
11	560	50.8	16	12	81.7	010024820	496,45
11	630	57.2	16	6	103	010024804	627,40
11	630	57.2	16	12	103	010024822	627,40

PE 100 RC FM-Line Pressure pipes (SDR 11)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Dimensions
DIN 8074, DIN EN ISO 15494, DIN EN 12201, other lengths on request

Remark
FM Approval 1613 15 bar / 218 psi

SDR	d (mm)	e (mm)	Length/m (m)	Weight (kg/m)	PN (bar)	Art. No.	€/m
11	90	8.2	6	2.14	16	010038977	13,25
11	90	8.2	12	2.14	16	010039010	13,25
11	110	10.0	6	3.18	16	010038978	18,05
11	110	10.0	12	3.18	16	010039011	18,05
11	125	11.4	6	4.12	16	010036317	24,30
11	125	11.4	12	4.12	16	010039012	24,30
11	140	12.7	6	5.13	16	010038979	33,25
11	140	12.7	12	5.13	16	010039013	33,25
11	160	14.6	6	6.74	16	010036318	39,70
11	160	14.6	12	6.74	16	010039014	39,70
11	180	16.4	6	8.51	16	010038980	53,30
11	180	16.4	12	8.51	16	010039015	53,30
11	200	18.2	6	10.5	16	010039001	70,15
11	200	18.2	12	10.5	16	010039016	70,15
11	225	20.5	6	13.3	16	010039002	84,00
11	225	20.5	12	13.3	16	010039017	84,00
11	250	22.7	6	16.3	16	010039003	103,90
11	250	22.7	12	16.3	16	010039018	103,90
11	280	25.4	6	20.5	16	010039004	129,85
11	280	25.4	12	20.5	16	010039019	129,85
11	315	28.6	6	25.9	16	010039005	164,70
11	315	28.6	12	25.9	16	010039020	164,70
11	355	32.2	6	32.9	16	010036319	208,85
11	355	32.2	12	32.9	16	010039021	208,85
11	400	36.3	6	41.7	16	010039007	265,15
11	400	36.3	12	41.7	16	010039022	265,15
11	450	40.9	6	52.8	16	010039006	327,95
11	450	40.9	12	52.8	16	010039023	327,95
11	500	45.4	6	65.2	16	010036320	415,20
11	500	45.4	12	65.2	16	010039024	415,20
11	560	50.8	6	81.7	16	010039008	521,25
11	560	50.8	12	81.7	16	010039025	521,25
11	630	57.2	6	103	16	010039009	658,75
11	630	57.2	12	103	16	010039026	658,75

1.4.2 PE 100 FM-Line Fittings with short spigots

PE 100 RC FM-Line Reducers concentric, injected 146

PE 100 FM-Line Reducers concentric, machined 147

PE 100 FM-Line End caps, machined 148

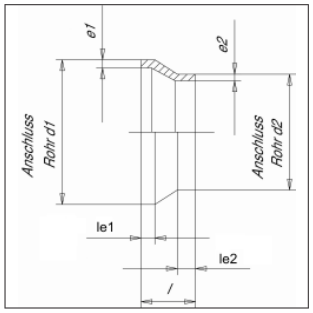
PE 100 RC FM-Line Reducers concentric, injected

(SDR 11)

1.4.2



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—RZ—KS—FG—-SW09500— **0120**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	110	90	10.0	8.2	40	41	104	0.285	010024859	27,95
11	125	90	11.4	8.2	42	41	110	0.370	010024860	36,00
11	125	110	11.4	10	40	40	100	0.395	010024861	36,00
11	140	90	12.7	8.2	53	42	131	0.540	010024862	43,80
11	140	110	12.7	10	50	40	120	0.540	010024863	43,80
11	140	125	12.7	11.4	51	40	120	0.590	010024864	43,80
11	160	90	14.6	8.2	48	34	141	0.710	010024865	50,85
11	160	110	14.6	10	40	34	129	0.670	010024866	50,85
11	160	125	14.6	11.4	40	32	122	0.720	010024867	50,85
11	160	140	14.6	12.7	49	38	125	0.745	010024868	50,85
11	180	90	16.4	8.2	50	40	145	0.925	010024869	76,40
11	180	110	16.4	10	55	42	150	1.020	010024870	76,40
11	180	125	16.4	11.4	52	40	143	1.020	010024871	72,40
11	200	140	18.2	12.7	62	42	145	1.315	010024872	221,35
11	200	160	18.2	14.6	60	50	150	1.340	010024873	171,85
11	200	180	18.2	16.4	62	54	145	1.475	010024874	153,25
11	225	160	20.5	14.6	65	53	160	1.795	010024875	220,00
11	225	180	20.5	16.4	64	59	160	1.800	010024876	209,85
11	225	200	20.5	18.2	63	53	148	1.805	010024877	185,40
11	250	160	22.7	14.6	65	53	177	2.305	010024878	294,35
11	250	180	22.7	16.4	65	58	175	2.540	010024879	272,25
11	250	200	22.7	18.2	64	64	180	2.810	010024880	250,20
11	250	225	22.7	20.5	65	65	180	2.960	010024881	237,70
11	280	200	25.4	18.2	75	54	214	3.780	010024882	326,90
11	280	225	25.4	20.5	75	58	210	3.860	010024883	306,10
11	280	250	25.4	22.7	75	60	206	4.155	010024884	293,75
11	315	225	28.6	20.5	84	57	237	5.260	010024885	355,40
11	315	250	28.6	22.7	86	64	236	5.710	010024886	336,60
11	315	280	28.6	25.4	86	72	231	5.600	010024887	315,30

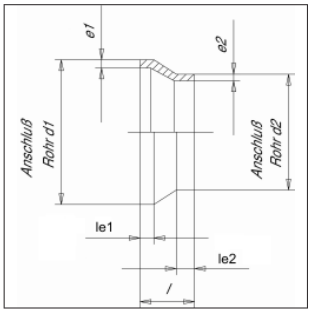
PE 100 FM-Line Reducers concentric, machined

(SDR 11)

SIMONA



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—RZ—KS—SP—SW09500— **0125**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	355	225	32.2	20.5	57	40	140	4.700	010025110	312,70
11	355	250	32.2	22.7	54	40	130	4.400	010025111	314,95
11	355	280	32.2	25.4	53	40	120	4.100	010025112	293,75
11	355	315	32.2	28.6	53	40	110	3.700	010025113	285,10
11	400	225	36.3	20.5	64	40	160	6.800	010025114	537,85
11	400	250	36.3	22.7	61	40	150	6.500	010025115	518,30
11	400	280	36.3	25.4	60	40	140	6.200	010025116	410,10
11	400	315	36.3	28.6	50	40	120	5.300	010025117	305,80
11	400	355	36.3	32.2	51	40	110	4.800	010025118	284,30
11	450	280	40.9	25.4	65	40	160	9.000	010025119	648,20
11	450	315	40.9	28.6	55	40	140	8.000	010025120	567,55
11	450	355	40.9	32.2	57	40	130	7.400	010025121	406,50
11	450	400	40.9	36.3	60	40	120	6.600	010025122	368,05
11	500	315	45.4	28.6	71	40	170	12.000	010025123	793,50
11	500	355	45.4	32.2	62	40	150	10.800	010025124	714,70
11	500	400	45.4	36.3	65	40	140	10.000	010025125	580,15
11	500	450	45.4	40.9	60	40	120	8.300	010025126	512,35
11	560	400	50.8	36.3	68	40	160	14.700	010025127	1.023,50
11	560	450	50.8	40.9	62	40	140	12.000	010025128	915,20
11	560	500	50.8	45.4	67	40	130	11.400	010025129	848,25
11	630	400	57.2	36.3	78	40	190	22.300	010025130	1.393,65
11	630	450	57.2	40.9	72	40	170	20.200	010025131	1.298,95
11	630	500	57.2	45.4	67	40	150	17.800	010025132	1.172,90
11	630	560	57.2	50.8	64	40	130	14.800	010025133	913,00

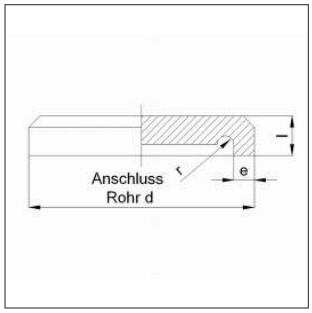
PE 100 FM-Line End caps, machined (SDR 11)

SIMONA

1.4.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, for butt welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—KA—KS—SP—-SW09500— **0125**

SDR	d (mm)	e (mm)	Length (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	315	28.6	65	4.500	16	010025103	288,60
11	355	32.2	75	5.300	16	010025104	344,65
11	400	36.3	80	7.420	16	010025105	415,50
11	450	40.9	90	10.600	16	010025106	601,75
11	500	45.4	95	14.600	16	010025107	721,90
11	560	50.8	100	21.000	16	010025108	1.112,50
11	630	57.2	110	33.900	16	010025109	1.682,80

1.4.3 PE 100 FM-Line Fittings with elongated spigots

PE 100 RC FM-Line Elbows 45°, injected 150
PE 100 RC FM-Line Elbows 90°, injected 151
PE 100 RC FM Bends, injected, elongated 152
PE 100 RC FM-Line Bends 11°, seamless 153
PE 100 RC FM-Line Bends 22°, seamless 154
PE 100 RC FM-Line Bends 30°, seamless 155
PE 100 RC FM-Line Bends 45°, seamless 156
PE 100 RC FM-Line Bends 60°, seamless 157
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PE 100 RC FM-Line Tees, injected 159
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PE 100 RC FM-Line Stub flanges for loose flange ISO/DIN, injected 163
PE 100 RC FM-Line Reducers concentric, injected 164
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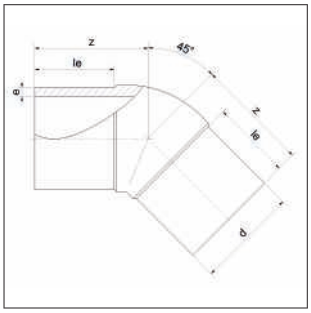
PE 100 RC FM-Line Elbows 45°, injected (SDR 11)

SIMONA

1.4.3



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 1555/3, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—WI–45-LS-FG—SW09500— **0121**

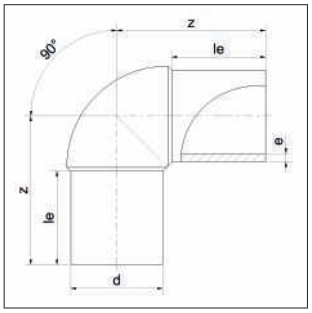
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	90	8.2	45	83	105	16	0.480	010024835	67,15
11	110	10.0	45	93	121	16	0.848	010024836	108,60
11	125	11.4	45	99	133	16	1.200	010024837	156,90
11	140	12.7	45	120	158	16	2.723	010024838	175,20
11	160	14.6	45	142	180	16	3.450	010024839	229,75
11	180	16.4	45	141	185	16	4.755	010024840	260,65
11	200	18.2	45	153	203	16	6.145	010024841	354,85
11	225	20.5	45	153	205	16	8.330	010024842	422,70
11	250	22.7	45	134	215	16	10.640	010024843	732,65
11	280	25.4	45	143	227	16	14.670	010024844	1.105,15
11	315	28.6	45	155	245	16	14.800	010024845	1.341,85

PE 100 RC FM-Line Elbows 90°, injected (SDR 11)

SIMONA



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 1555/3, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

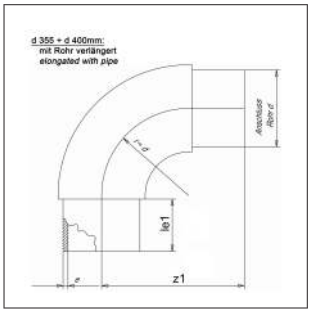
Art.code: PE0100-FM—WI–90-LS-FG—SW09500— **0121**

SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	90	8.2	90	91	142	16	0.645	010024824	67,15
11	110	10.0	90	99	162	16	1.081	010024825	123,40
11	125	11.4	90	103	169	16	1.500	010024826	156,90
11	140	12.7	90	120	200	16	2.292	010024827	175,20
11	160	14.6	90	142	233	16	3.363	010024828	229,75
11	180	16.4	90	142	247	16	4.440	010024829	258,15
11	200	18.2	90	153	262	16	6.075	010024830	353,25
11	225	20.5	90	154	281	16	8.030	010024831	420,45
11	250	22.7	90	134	290	16	10.560	010024832	700,20
11	280	25.4	90	144	330	16	15.030	010024833	1.179,15
11	315	28.6	90	153	370	16	21.217	010024834	1.457,60

PE 100 RC FM Bends, injected, elongated (SDR 11)

SIMONA

1.4.3



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—BO–90-LS-FG—-SW09500— **0121**

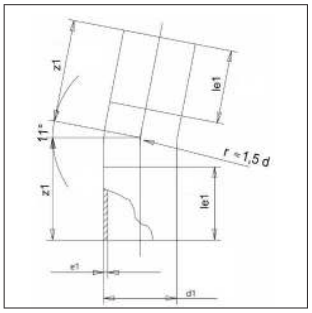
SDR	d (mm)	e (mm)	z1 (mm)	le1 (mm)	Art. No.	€ / Stk
11	355	32.2	524	174	010039362	3.092,95
11	400	36.3	585	188	010039363	4.082,50
11	450	40.9	645	195	010039364	5.089,85
11	500	45.4	710	212	010039365	6.881,50

* Extension of approval currently in process

PE 100 RC FM-Line Bends 11°, seamless (SDR 11)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—BO–11-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	Art. No.	€ / Stk
11	90	8.2	80	210	11	0.973	010026155	125,45
11	110	10.0	90	220	11	1.620	010026156	162,25
11	125	11.4	120	225	11	2.180	010026157	180,75
11	140	12.7	120	231	11	2.510	010026161	203,30
11	160	14.6	120	239	11	3.620	010026158	238,55
11	180	16.4	120	247	11	4.700	010026159	406,65
11	200	18.2	120	255	11	6.070	010026162	492,45
11	225	20.5	120	266	11	7.750	010026160	587,55
11	250	22.7	220	385	11	14.000	010026163	684,90
11	280	25.4	220	400	11	19.200	010026164	814,30
11	315	28.6	220	460	11	26.000	010026165	1.006,00
11	355	32.2	260	540	11	37.000	010026166	1.840,20
11	400	36.3	260	560	11	45.900	010026167	2.023,75
11	450	40.9	260	580	11	60.200	010026168	2.487,05
11	500	45.4	300	650	11	83.300	010026169	3.482,95
11	560	50.8	300	680	11	108.600	010026170	4.491,30
11	630	57.2	300	730	11	164.000	010026171	5.771,65

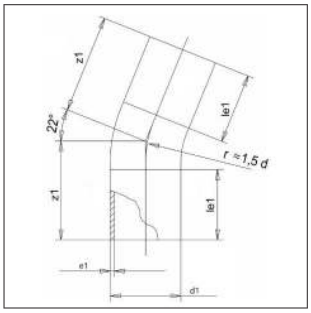
PE 100 RC FM-Line Bends 22°, seamless (SDR 11)

SIMONA

1.4.3



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—BO–22-LS-NH—SW09500— **0123**

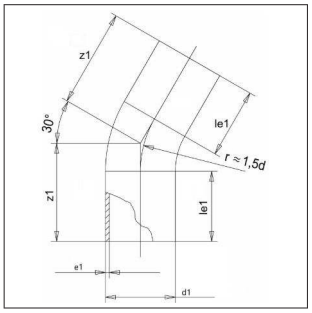
SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	Art. No.	€ / Stk
11	90	8.2	80	210	22	0.973	010026172	125,45
11	110	10.0	90	220	22	1.620	010026173	162,25
11	125	11.4	120	225	22	2.180	010026174	180,75
11	140	12.7	120	231	22	2.510	010026180	203,30
11	160	14.6	120	239	22	3.620	010026175	238,55
11	180	16.4	120	247	22	4.700	010026176	406,65
11	200	18.2	120	255	22	6.070	010026181	492,45
11	225	20.5	120	266	22	7.750	010026177	587,55
11	250	22.7	220	385	22	14.000	010026178	684,90
11	280	25.4	220	400	22	19.200	010026182	814,30
11	315	28.6	220	460	22	26.000	010026179	1.006,00
11	355	32.2	260	540	22	37.000	010026183	1.840,20
11	400	36.3	260	560	22	45.900	010026184	2.023,75
11	450	40.9	260	580	22	60.200	010026185	2.487,05
11	500	45.4	300	650	22	83.300	010026186	3.482,95
11	560	50.8	300	680	22	108.600	010026187	4.491,30
11	630	57.2	300	730	22	164.000	010026188	5.771,65

PE 100 RC FM-Line Bends 30°, seamless (SDR 11)

SIMONA



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—BO–30-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	Art. No.	€ / Stk
11	90	8.2	80	210	30	0.973	010026189	125,45
11	110	10.0	90	220	30	1.620	010026190	162,25
11	125	11.4	120	225	30	2.180	010026191	180,75
11	140	12.7	120	231	30	2.510	010026192	203,30
11	160	14.6	120	239	30	3.620	010026193	238,55
11	180	16.4	120	247	30	4.700	010026194	406,65
11	200	18.2	120	255	30	6.070	010026195	492,45
11	225	20.5	120	266	30	7.750	010026196	587,55
11	250	22.7	220	385	30	14.000	010026197	684,90
11	280	25.4	220	400	30	19.200	010026198	814,30
11	315	28.6	220	460	30	26.000	010026199	1.006,00
11	355	32.2	260	540	30	37.000	010026200	1.840,20
11	400	36.3	260	560	30	45.900	010026201	2.023,75
11	450	40.9	260	580	30	60.200	010026202	2.487,05
11	500	45.4	300	650	30	83.300	010026203	3.482,95
11	560	50.8	300	680	30	108.600	010026204	4.491,30
11	630	57.2	300	730	30	164.000	010026205	5.771,65

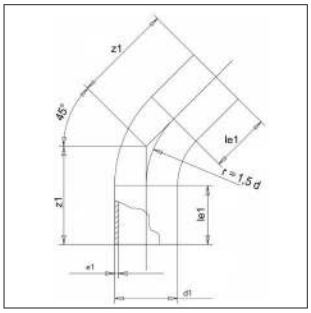
PE 100 RC FM-Line Bends 45°, seamless (SDR 11)

SIMONA

1.4.3



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

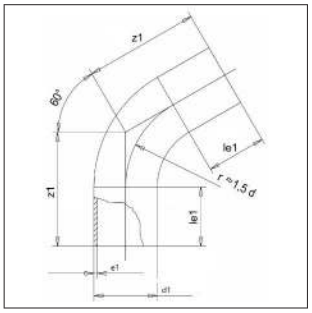
Art.code: PE0100-FM—BO–45-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	Art. No.	€ / Stk
11	90	8.2	80	227	45	1.050	010026206	126,70
11	110	10.0	90	255	45	1.720	010026207	164,40
11	125	11.4	120	253	45	2.460	010026208	183,90
11	140	12.7	120	262	45	2.850	010026209	207,90
11	160	14.6	120	274	45	4.030	010026210	245,15
11	180	16.4	120	287	45	5.500	010026211	414,10
11	200	18.2	120	299	45	6.600	010026212	500,80
11	225	20.5	120	315	45	9.200	010026213	597,25
11	250	22.7	220	440	45	14.800	010026214	709,50
11	280	25.4	220	460	45	20.050	010026215	848,60
11	315	28.6	220	535	45	29.280	010026216	1.053,85
11	355	32.2	260	620	45	42.200	010026217	1.840,20
11	400	36.3	260	650	45	56.000	010026218	2.023,75
11	450	40.9	260	680	45	69.800	010026219	2.487,05
11	500	45.4	300	760	45	102.400	010026220	3.482,95
11	560	50.8	300	800	45	116.000	010026221	4.491,30
11	630	57.2	300	870	45	186.000	010026222	5.771,65

PE 100 RC FM-Line Bends 60°, seamless (SDR 11)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—BO–60-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	Art. No.	€ / Stk
11	90	8.2	80	243	60	1.200	010026223	128,05
11	110	10.0	90	270	60	1.770	010026224	166,75
11	125	11.4	120	283	60	2.640	010026225	188,45
11	140	12.7	120	296	60	3.340	010026226	213,30
11	160	14.6	120	313	60	4.390	010026227	252,65
11	180	16.4	120	330	60	6.260	010026228	424,20
11	200	18.2	120	348	60	7.700	010026229	513,80
11	225	20.5	120	370	60	10.120	010026230	609,60
11	250	22.7	220	500	60	17.040	010026231	734,45
11	280	25.4	220	530	60	23.000	010026232	882,25
11	315	28.6	220	612	60	32.800	010026233	1.105,55
11	355	32.2	260	690	60	48.000	010026234	1.878,00
11	400	36.3	260	730	60	63.000	010026235	2.071,95
11	450	40.9	260	780	60	76.000	010026236	2.547,50
11	500	45.4	300	880	60	116.500	010026237	3.831,70
11	560	50.8	300	930	60	141.000	010026238	4.940,20
11	630	57.2	300	1000	60	198.000	010026239	6.348,90

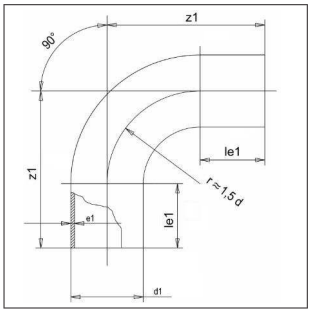
PE 100 RC FM-Line Bends 90°, seamless (SDR 11)

SIMONA

1.4.3



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
seamless, for butt welding and electrofusion welding (r ~ 1.5 d), made from pipe SDR 11

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

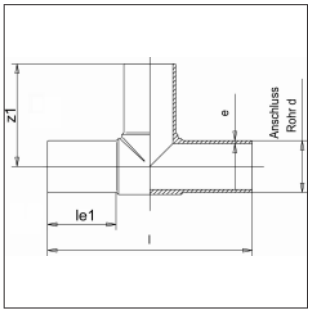
Art.code: PE0100-FM—BO–90-LS-NH—SW09500— **0123**

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	Art. No.	€ / Stk
11	90	8.2	80	310	90	1.310	010026240	130,35
11	110	10.0	90	315	90	1.870	010026241	168,90
11	125	11.4	120	363	90	2.920	010026242	193,75
11	140	12.7	120	385	90	3.720	010026243	222,70
11	160	14.6	120	415	90	5.320	010026244	266,55
11	180	16.4	120	445	90	7.100	010026245	448,20
11	200	18.2	120	475	90	9.120	010026246	543,95
11	225	20.5	120	513	90	11.430	010026247	645,70
11	250	22.7	220	650	90	18.700	010026248	781,20
11	280	25.4	220	695	90	24.300	010026249	950,25
11	315	28.6	220	803	90	36.800	010026250	1.201,35
11	355	32.2	260	900	90	50.700	010026251	1.729,75
11	400	36.3	260	980	90	75.000	010026252	1.983,20
11	450	40.9	260	1070	90	97.000	010026253	2.802,25
11	500	45.4	300	1200	90	131.000	010026254	4.214,50
11	560	50.8	300	1290	90	176.000	010026255	5.434,20
11	630	57.2	300	1400	90	239.000	010026256	6.983,60

PE 100 RC FM-Line Tees, injected (SDR 11)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—TS—LS—FG—SW09500— **0121**

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	PN (bar)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	90	8.2	80	137	16	274	0.940	010024918	98,05
11	110	10.0	88	161	16	322	1.579	010024919	139,25
11	125	11.4	98	175	16	350	2.220	010024920	196,30
11	140	12.7	104	200	16	400	3.180	010024921	296,50
11	160	14.6	104	206	16	412	4.290	010024922	344,05
11	180	16.4	143	260	16	520	6.900	010024923	486,50
11	200	18.2	124	250	16	500	8.330	010024924	700,40
11	225	20.5	128	277	16	554	11.675	010024925	829,65
11	250	22.7	132	291	16	582	13.950	010024926	1.177,55
11	280	25.4	139	312	16	624	18.860	010024927	1.514,20
11	315	28.6	153	345	16	690	26.460	010024928	2.261,90
11	355	32.2	167	410	16	820	38.100	010024929	2.944,05
11	400	36.3	198	457	16	914	52.010	010024930	4.399,85
11	450	40.9	198	477	16	954	74.585	010024931	6.221,95
11	500	45.4	218	525	16	1050	100.000	010024932	7.904,00
11	560	50.8	245	600	16	1200	142.000	010039356	10.243,85

* Extension of approval currently in process

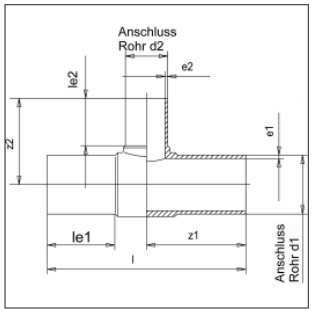
PE 100 RC FM-Line Tees with reduced branch, injected (SDR 11)

SIMONA

1.4.3



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—TSR–LS—FG—SW09500— **0121**

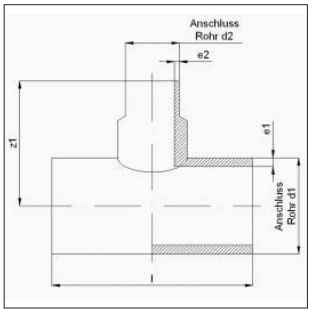
SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	z1 (mm)	z2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	110	90	10.0	8.2	88	82	159	158	318	1.495	010024933	189,20
11	125	90	11.4	8.2	90	82	176	165	352	1.997	010039288	209,35
11	125	110	11.4	10	90	85	175	167	350	2.097	010039286	209,35
11	160	90	14.6	8.2	104	83	206	190	412	3.690	010026344	413,85
11	160	110	14.6	10	104	89	207	200	414	3.865	010024934	424,00
11	180	90	16.4	8.2	108	82	238	200	476	4.857	010039289	534,35
11	180	110	16.4	10	107	84	240	202	480	5.174	010039290	556,35
11	180	160	16.4	14.6	110	101	240	220	480	5.560	010039287	570,95
11	200	90	18.2	8.2	124	82	250	214	500	6.895	010039351	793,65
11	200	110	18.2	10	125	86	250	219	500	7.060	010024935	811,45
11	200	160	18.2	14.6	123	101	250	235	500	7.445	010024936	869,35
11	225	90	20.5	8.2	129	82	275	225	550	9.850	010024937	957,50
11	225	110	20.5	10	130	86	278	238	556	10.100	010024938	964,80
11	225	160	20.5	14.6	128	107	277	255	554	10.485	010024939	967,70
11	250	110	22.7	10	133	85	288	242	576	11.685	010024940	1.153,60
11	250	160	22.7	14.6	134	102	292	266	584	12.180	010024941	1.176,05
11	315	110	28.6	10	155	85	346	277	692	22.110	010024942	2.790,05
11	315	160	28.6	14.6	155	101	350	301	700	22.730	010024943	2.812,80
11	315	225	28.6	20.5	153	125	340	320	680	22.137	010039353	2.846,70
11	315	250	28.6	22.7	154	135	346	330	692	24.345	010039352	2.858,55

PE 100 FM-Line Tees with reduced branch, welded, fully compressible (SDR 11)

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Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
fabricated from pipes, for butt welding and electrofusion welding, saddlemounted, reinforced

Dimensions
DIN EN ISO 15494/B

Remark
reinforced for full pressure load, no pressure reduction factor FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM--TSR--LS--GV---SW09500-- **0124**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	Length (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
11	180	90	16.4	8.2	390	230	5.600	010025134	500,90
11	180	110	16.4	10	420	240	6.800	010025135	556,05
11	200	125	18.2	11.4	460	260	8.300	010025136	670,25
11	225	125	20.5	11.4	480	240	9.800	010039346	768,30
11	225	140	20.5	12.7	500	290	15.100	010025137	869,85
11	250	90	22.7	8.2	470	270	9.800	010025138	548,35
11	250	125	22.7	11.4	500	290	11.500	010025139	709,25
11	250	140	22.7	12.7	520	310	16.800	010025140	891,35
11	280	90	25.4	8.2	490	290	13.400	010025141	602,90
11	280	110	25.4	10	510	300	14.100	010025142	645,65
11	280	125	25.4	11.4	530	310	19.200	010025143	859,90
11	280	140	25.4	12.7	550	320	19.500	010025144	920,45
11	280	160	25.4	14.6	570	340	20.700	010025145	1.045,70
11	280	180	25.4	16.4	590	350	22.200	010025146	1.136,45
11	315	90	28.6	8.2	520	310	16.700	010025147	641,00
11	315	125	28.6	11.4	550	330	22.600	010025148	898,95
11	315	140	28.6	12.7	570	340	23.600	010025149	971,05
11	315	180	28.6	16.4	620	370	25.700	010025150	1.169,85
11	315	200	28.6	18.2	640	390	33.000	010025151	1.532,30
11	355	90	32.2	8.2	560	330	21.700	010025152	699,30
11	355	110	32.2	10	590	350	22.700	010025153	757,50
11	355	125	32.2	11.4	590	350	27.900	010025154	959,65
11	355	140	32.2	12.7	610	370	29.200	010025155	1.038,70
11	355	160	32.2	14.6	630	380	31.200	010025156	1.172,35
11	355	180	32.2	16.4	660	400	36.700	010025157	1.360,55
11	355	200	32.2	18.2	680	410	46.000	010025158	1.769,50
11	355	225	32.2	20.5	710	430	59.000	010025159	2.111,75
11	355	250	32.2	22.7	820	410	51.620	010039324	1.806,40
11	355	280	32.2	25.4	820	410	51.255	010039325	2.142,80
11	355	315	32.2	28.6	820	410	51.100	010039326	2.259,20
11	400	90	36.3	8.2	600	360	28.400	010025160	776,90
11	400	110	36.3	10	630	370	29.500	010025161	837,35
11	400	125	36.3	11.4	650	380	34.900	010025162	1.041,40
11	400	140	36.3	12.7	650	390	36.400	010025163	1.121,60
11	400	160	36.3	14.6	670	410	38.600	010025164	1.275,35
11	400	180	36.3	16.4	700	420	44.200	010025165	1.462,25
11	400	200	36.3	18.2	720	440	56.300	010025166	1.925,60
11	400	225	36.3	20.5	750	460	70.800	010025167	2.298,70
11	400	250	36.3	22.7	790	540	72.100	010025168	2.414,40
11	400	280	36.3	25.4	914	457	68.890	010039327	2.651,90
11	400	315	36.3	28.6	914	457	69.710	010039328	2.791,40
11	400	355	36.3	32.2	914	457	69.810	010039329	3.221,45
11	450	110	40.9	10	670	400	38.700	010025169	933,75
11	450	125	40.9	11.4	690	410	44.300	010025170	1.091,35
11	450	140	40.9	12.7	710	430	46.000	010025171	1.202,85
11	450	160	40.9	14.6	740	440	48.500	010025172	1.297,40

* Extension of approval currently in process

PE 100 FM-Line Tees with reduced branch, welded, fully compressible (SDR 11)

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1.4.3 Art.code: PE0100-FM—TSR–LS—GV—-SW09500— 0124

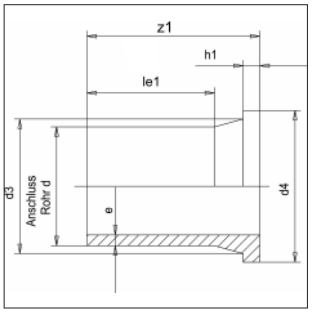
SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	Length (mm)	z1 (mm)	kg/piece	Art. No.	€ / Stk
11	450	180	40.9	16.4	740	450	54.200	010025173	1.525,90
11	450	200	40.9	18.2	760	470	66.400	010025174	2.000,65
11	450	225	40.9	20.5	790	490	80.900	010025175	2.411,55
11	450	250	40.9	22.7	830	570	82.200	010025176	2.482,35
11	450	280	40.9	25.4	870	580	88.900	010025177	2.712,00
11	450	315	40.9	28.6	954	477	91.300	010039330	3.360,70
11	450	355	40.9	32.2	954	477	92.100	010039331	3.561,05
11	450	400	40.9	36.3	954	477	93.100	010039332	4.299,15
11	500	110	45.4	10	720	430	50.200	010025178	1.075,40
11	500	125	45.4	11.4	740	440	56.100	010025179	1.236,45
11	500	140	45.4	12.7	760	450	58.100	010025180	1.350,50
11	500	160	45.4	14.6	790	470	60.900	010025181	1.448,90
11	500	180	45.4	16.4	790	480	66.900	010025182	1.681,55
11	500	200	45.4	18.2	810	500	79.400	010025183	2.158,30
11	500	225	45.4	20.5	840	510	94.100	010025184	2.569,10
11	500	250	45.4	22.7	880	600	100.900	010025185	2.741,40
11	500	280	45.4	25.4	920	620	102.100	010025186	2.862,90
11	500	315	45.4	28.6	1050	525	121.800	010039345	3.404,10
11	500	355	45.4	32.2	1050	525	122.600	010039333	4.064,15
11	500	400	45.4	36.3	1050	525	123.600	010039334	4.940,70
11	500	450	45.4	40.9	1050	525	125.100	010039335	5.132,85
11	560	160	50.8	14.6	840	500	84.500	010025187	1.660,00
11	560	180	50.8	16.4	870	520	85.100	010025188	1.723,35
11	560	200	50.8	18.2	900	540	98.000	010025189	2.217,25
11	560	225	50.8	20.5	900	550	123.800	010025190	3.050,20
11	560	250	50.8	22.7	930	630	131.900	010025191	3.291,90
11	560	280	50.8	25.4	970	650	141.200	010025192	3.541,00
11	560	315	50.8	28.6	1020	680	162.400	010025193	4.170,35
11	560	355	50.8	32.2	1200	600	172.100	010039336	4.508,90
11	560	400	50.8	36.3	1200	600	173.000	010039337	5.874,15
11	560	450	50.8	40.9	1200	600	174.400	010039338	6.409,50
11	560	500	50.8	45.4	1200	600	176.100	010039339	6.998,00
11	630	160	57.2	14.6	890	540	101.300	010025194	1.812,95
11	630	180	57.2	16.4	920	560	105.300	010025195	1.921,80
11	630	200	57.2	18.2	950	580	122.600	010025196	2.517,60
11	630	225	57.2	20.5	980	600	137.600	010025197	3.073,55
11	630	250	57.2	22.7	980	670	116.500	010025198	3.296,40
11	630	280	57.2	25.4	1020	690	124.500	010025199	3.531,05
11	630	315	57.2	28.6	1070	720	170.300	010025200	4.022,05
11	630	355	57.2	32.2	1300	650	228.000	010039340	5.717,80
11	630	400	57.2	36.3	1300	650	229.900	010039341	5.780,50
11	630	450	57.2	40.9	1300	650	231.100	010039342	7.786,80
11	630	500	57.2	45.4	1300	650	232.700	010039343	8.107,60
11	630	560	57.2	50.8	1300	650	234.800	010039344	9.014,45

* Extension of approval currently in process

PE 100 RC FM-Line Stub flanges for loose flange ISO/ DIN, injected (SDR 11)



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—VB—LS—FG–DN-SW09500— **0121**

SDR	d (mm)	d3 (mm)	d4 (mm)	e (mm)	le1 (mm)	z1 (mm)	h1 (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	90	105	138	8.2	100	140	17	16	0.460	010024944	38,70
11	110	125	158	10.0	113	160	18	16	0.715	010024945	48,35
11	125	132	158	11.4	134	183	25	16	0.970	010024946	59,65
11	140	155	188	12.7	130	182	25	16	1.280	010024947	76,45
11	160	175	212	14.6	155	208	25	16	1.835	010024948	85,35
11	180	186	212	16.4	168	202	30	16	1.960	010024949	134,45
11	200	232	268	18.2	128	200	32	16	3.130	010024950	153,40
11	225	235	268	20.5	135	201	32	16	3.260	010024951	165,15
11	250	285	320	22.7	138	219	35	16	5.240	010024952	253,20
11	280	291	320	25.4	152	231	35	16	5.520	010024953	334,65
11	315	335	370	28.6	158	239	35	16	7.575	010024954	424,45
11	355	373	430	32.2	176	260	40	16	10.710	010024955	734,30
11	400	427	482	36.3	195	290	46	16	15.335	010024956	1.295,15
11	450	514	585	40.9	210	335	60	16	25.690	010043671	1.890,95
11	500	532	585	45.4	230	350	60	16	28.200	010035541	2.351,55
11	560	615	685	50.8	240	370	60	16	39.260	010043672	2.749,15
11	630	644	685	57.2	215	390	60	16	44.260	010034659	3.187,55

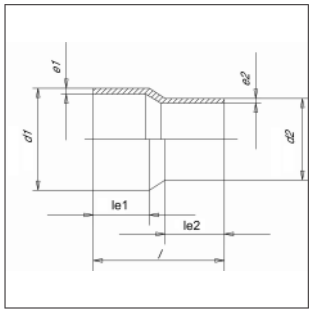
PE 100 RC FM-Line Reducers concentric, injected

(SDR 11)

1.4.3



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

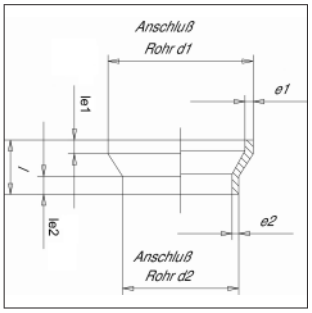
Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—RZ—LS—FG—-SW09500— **0121**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	110	90	10.0	8.2	84	81	186	0.500	010024888	65,30
11	125	90	11.4	8.2	91	80	202	0.655	010024889	78,80
11	125	110	11.4	10	90	90	200	0.760	010024890	78,80
11	140	90	12.7	8.2	112	86	237	0.940	010024891	113,20
11	140	110	12.7	10	116	90	230	1.035	010024892	113,20
11	140	125	12.7	11.4	117	96	235	1.120	010024893	113,20
11	160	90	14.6	8.2	109	84	254	1.280	010024894	151,60
11	160	110	14.6	10	110	89	254	1.335	010024895	151,60
11	160	125	14.6	11.4	110	95	254	1.420	010024896	151,60
11	160	140	14.6	12.7	111	104	255	1.595	010024897	151,60
11	180	90	16.4	8.2	106	79	245	1.495	010024898	169,35
11	180	110	16.4	10	124	93	275	1.795	010024899	169,35
11	180	125	16.4	11.4	105	87	245	1.725	010024900	169,35
11	180	160	16.4	14.6	126	125	279	2.100	010024901	184,10
11	200	140	18.2	12.7	123	114	279	2.325	010024902	204,05
11	200	160	18.2	14.6	125	115	280	2.420	010024903	204,05
11	200	180	18.2	16.4	126	120	279	2.720	010024904	204,05
11	225	160	20.5	14.6	132	123	295	3.075	010024905	337,35
11	225	180	20.5	16.4	130	118	285	3.215	010024906	337,35
11	225	200	20.5	18.2	126	120	272	3.380	010024907	337,35
11	250	160	22.7	14.6	150	110	320	4.070	010024908	458,55
11	250	180	22.7	16.4	151	105	315	4.360	010024909	479,60
11	250	200	22.7	18.2	151	116	324	4.675	010024910	479,60
11	250	225	22.7	20.5	155	122	330	5.130	010024911	479,60
11	280	200	25.4	18.2	140	116	345	5.850	010024912	602,35
11	280	225	25.4	20.5	142	122	335	6.090	010024913	602,35
11	280	250	25.4	22.7	139	135	340	6.700	010024914	573,85
11	315	225	28.6	20.5	150	125	365	7.960	010024915	821,85
11	315	250	28.6	22.7	150	134	365	8.125	010024916	821,85
11	315	280	28.6	25.4	150	145	365	8.915	010024917	821,85

PE 100 FM Reducers concentric, machined. Elongated (SDR 11)

SIMONA



Material
PE 100

Colour
black

Execution
machined, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—RZ—LS—SP—-SW09500— **0125**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Art. No.	€ / Stk
11	355	250	32.2	22.7	175	130	010025546	585,10
11	355	280	32.2	25.4	175	140	010025547	585,10
11	355	315	32.2	28.6	175	150	010025548	585,10
11	400	280	36.3	25.4	190	140	010025549	855,25
11	400	315	36.3	25.4	190	150	010025550	634,50
11	400	355	36.3	32.2	190	165	010025551	609,10
11	450	280	40.9	25.4	205	140	010025552	1.289,30
11	450	315	40.9	28.6	205	150	010025553	1.238,65
11	450	355	40.9	32.2	205	165	010025554	899,20
11	450	400	40.9	36.3	205	180	010025555	848,25
11	500	315	45.4	28.6	225	150	010025556	1.669,45
11	500	355	45.4	32.2	225	165	010025557	1.615,25
11	500	400	45.4	36.3	225	180	010025558	1.348,30
11	500	450	45.4	40.9	225	195	010025559	1.297,25
11	560	355	50.8	32.2	240	165	010025560	2.744,15
11	560	400	50.8	36.3	240	180	010025561	2.487,80
11	560	450	50.8	40.9	240	195	010025562	2.436,75
11	560	500	50.8	45.4	240	215	010025563	1.916,35
11	630	400	57.2	36.3	260	180	010025564	3.139,70
11	630	450	57.2	40.9	260	195	010025565	3.139,70
11	630	500	57.2	45.4	260	215	010025566	2.495,70
11	630	560	57.2	50.8	260	235	010025567	2.531,35

* Extension of approval currently in process

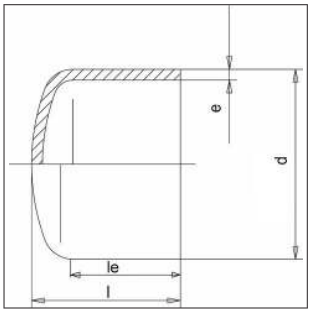
PE 100 RC FM-Line End caps, injected (SDR 11)

SIMONA

1.4.3



Product image for illustration purposes only.



Material
PE 100 RC

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3

Remark
FM Approval 1613 15 bar / 218 psi

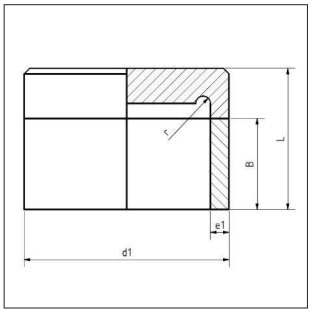
Art.code: PE0100-FM—KA—LS—FG—SW09500— **0121**

SDR	d (mm)	e (mm)	le (mm)	Length (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	90	8.2	82	109	0.226	16	010024846	70,95
11	110	10.0	92	1117	0.380	16	010024847	90,25
11	125	11.4	93	128	0.530	16	010024848	103,30
11	140	12.7	97	136	0.715	16	010024849	130,15
11	160	14.6	108	156	1.085	16	010024850	135,95
11	180	16.4	113	167	1.430	16	010024851	187,00
11	200	18.2	117	180	1.930	16	010024852	233,40
11	225	20.5	127	203	2.730	16	010024853	277,95
11	250	22.7	138	217	3.645	16	010024854	320,25
11	280	25.4	151	239	4.975	16	010024855	451,20
11	315	28.6	158	256	6.865	16	010024856	617,90
11	355	32.2	175	291	9.710	16	010024857	1.004,75
11	400	36.3	193	316	13.680	16	010024858	1.772,75

PE 100 FM-Line End caps, elongated (SDR 11)



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
machined, elongated with pipe, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—KA—LS—GS—-SW09500— **0125**

SDR	d (mm)	e (mm)	kg/piece	PN (bar)	b (mm)	Length (mm)	Art. No.	€ / Stk
11	450	40.9	23.000	16	220	300	010025099	1.004,00
11	500	45.4	30.800	16	240	325	010025100	1.184,20
11	560	50.8	42.200	16	270	360	010025101	1.311,20
11	630	57.2	60.300	16	300	400	010025102	1.870,35

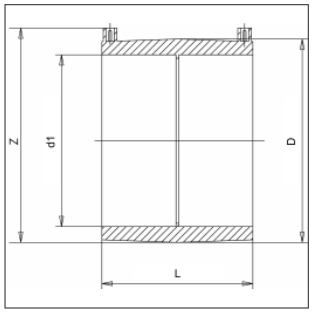
1.4.4 PE 100 FM-line Electrofusion sockets d90-315 - pressure PN 16 170

PE 100 FM-line Electrofusion sockets d355-630 - pressure PN 16 171

PE 100 FM-line Electrofusion sockets d90-315 - pressure PN 16

SIMONA

1.4.4



Material
PE 100

Execution
injected

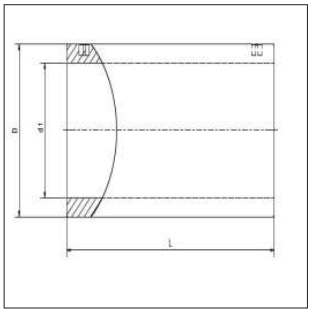
Dimensions
DVGW GW 335/B2, DIN EN 12201/3, DIN EN 1555/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—MU—EM—FG—SW09500— **0126**

PN (bar)	d (mm)	Z (mm)	D (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
16	90	133	113	125	0.405	010026321	22,20
16	110	158	138	145	0.720	010026322	29,45
16	125	174	154	156	0.880	010026323	40,30
16	140	192	172	166	1.120	010026324	74,75
16	160	216	196	180	1.450	010026325	80,00
16	180	239	219	192	2.440	010026326	96,15
16	200	264	244	208	3.380	010026327	155,95
16	225	293	273	225	4.320	010026328	165,10
16	250	324	304	248	4.800	010026329	204,50
16	280	360	340	252	5.760	010026331	398,55
16	315	402	382	267	8.660	010026330	469,30

PE 100 FM-line Electrofusion sockets d355-630 - pressure PN 16



Material
PE 100

Execution
injected

Dimensions
DVGW GW 335/B2, DIN EN 12201/3, DIN EN 1555/3

Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PE0100-FM—MU—EM—FG—SW09500— **0126**

PN (bar)	d (mm)	D (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
16	355	438	291	10.000	010026332	747,10
16	400	493	295	14.000	010026333	1.025,50
16	450	554	327	15.900	010026334	2.349,95
16	500	616	358	21.820	010026335	2.535,25
16	560	689	396	30.600	010026336	5.292,85
16	630	775	440	36.800	010026337	5.832,20

1.4.5 FM-Line Fittings for flange assemblies

FM-Line PP/Steel Loose flanges, ISO/DIN drilled 174

FM-Line PP/Steel Profiled loose flanges, ISO/DIN drilled 175

FM-Line PP/Steel Blind flanges, ISO/DIN drilled 176

PE 100 FM Special flange connections, with round holes, EPDM seal and plastic coated Flange 177

PE 100 FM Special flange connections elongated, with round holes, EPDM seal and plastic coated Flange 178

PE 100 FM Special flange connections extra long, with round holes, EPDM seal and plastic coated Flange 179

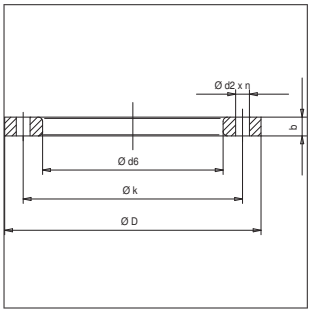
FM-Line PP/Steel Loose flanges, ISO/DIN drilled

SIMONA

1.4.5



Product image for illustration purposes only.



Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Colour
black

Dimensions
DIN EN ISO 15494/C, drilled PN 10/16 acc. to DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
FM Approval 1613 15 bar / 218 psi

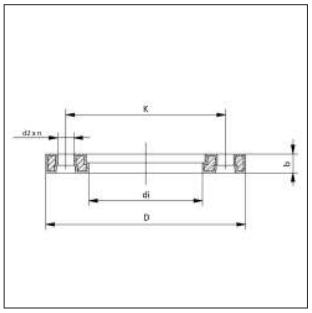
Art.code: PP-FM——LF—FLA—DN-SW09500— **0330**

d (mm)	DN (mm)	d2 (mm)	d6 (mm)	D (mm)	b (mm)	k (mm)	Drilled PN	Amount n	M	kg/piece	Art. No.	€ / Stk
90	80	18	108	200	20	160	10/16	8	M16	1.298	**010024957**	65,35
110	100	18	128	223	20	180	10/16	8	M16	1.509	**010024958**	89,25
125	100	18	134.5	223	20	180	10/16	8	M16	1.578	010024959	89,25
140	125	18	157.5	250	24	210	10/16	8	M16	2.362	010024960	111,90
160	150	22	178	285	24	240	10/16	8	M20	3.630	**010024961**	137,65
180	150	22	187.5	285	24	240	10/16	8	M20	3.184	010024962	137,65

FM-Line PP/Steel Profiled loose flanges, ISO/DIN drilled



Product image for illustration purposes only.



Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Colour
black

Dimensions
DIN EN ISO 15494/C, drilled PN 10/16 acc. to DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
flat side = connection with bolts, shaped side = connection for stub flange, FM Approval 1613 15 bar / 218 psi

Art.code: PP-FM——LF—PRO—DN-SW09500— **0331**

d (mm)	DN (mm)	D (mm)	di (mm)	b (mm)	k (mm)	Drilled PN	Amount n	kg/piece	Art. No.	€ / Stk
200	200	344	235	28	295	16	12	3.922	010024963	209,15
225	200	344	238	28	295	16	12	3.666	010024964	209,15
250	250	410	288	33	355	16	12	5.696	010024965	254,05
280	250	410	294	33	355	16	12	5.719	010024966	254,05
315	300	467	338	40	410	16	12	9.718	010024967	388,20
355	350	531	376	50	470	16	16	14.998	010024968	734,25
400	400	595	430	54	525	16	16	18.278	010024969	835,70
450	500	692	517	54	620	10	20	23.550	010024970	1.113,00
450	450	731	517	59	650	16	20	23.550	010039358	1.224,20
500	500	685	533	54	620	10	20	24.650	010024971	1.113,00
500	500	731	533	59	650	16	20	23.568	010039359	1.224,20
560	600	810	618	65	725	10	20	34.753	010024972	1.996,65
560	600	858	618	68	770	16	20	34.753	010039360	2.196,35
630	600	810	645	66	725	10	20	29.567	010024973	1.996,65
630	600	858	645	68	770	16	20	29.124	010039361	2.196,35

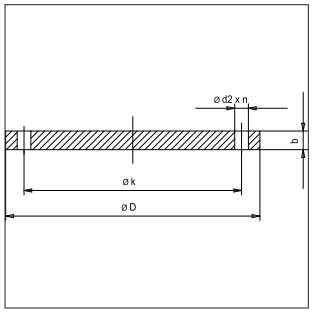
FM-Line PP/Steel Blind flanges, ISO/DIN drilled

SIMONA

1.4.5



Product image for illustration purposes only.



Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Colour
black, grey on request

Dimensions
DIN EN ISO 15494/C, drilled PN 10, DIN EN 1092/1 (replaces ISO/DIN 2501)

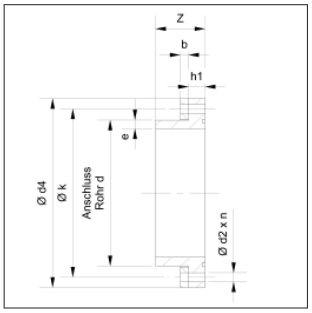
Remark
FM Approval 1613 15 bar / 218 psi

Art.code: PP-FM——BF——FG–DN-SW09500— **0332**

d (mm)	DN (mm)	d2 (mm)	D (mm)	b (mm)	k (mm)	Drilled PN	Amount n	kg/piece	Art. No.	€ / Stk
90	80	18	200	20	160	16	8	2.222	010024974	209,75
110	100	18	220	20	180	16	8	2.807	010024975	265,15
125	100	18	220	20	180	16	8	2.903	010024976	265,15
160	150	22	285	22	240	16	8	7.330	010024977	434,75
180	150	22	285	24	240	16	8	7.241	010024978	434,75
200	200	22	340	24	295	10	8	10.939	010024979	484,65
225	200	22	340	24	295	10	8	10.899	010024980	484,65

PE 100 FM Special flange connections, with round holes, EPDM seal and plastic coated Flange (SDR 11)

SIMONA



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, for butt welding, interior weld bead removed

Dimensions
Based on DIN EN 12201/3, connecting dimensions of flange, based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series, FM Approval 1613

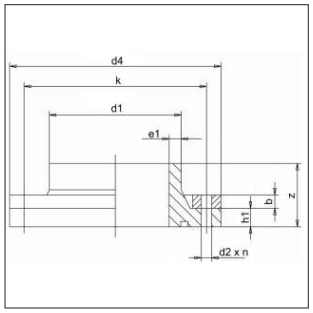
Art.code: PE0100-FM—SFV–KSEPDPPRL—SW09500— **0125**

SDR	PN (bar)	d (mm)	d2 (mm)	d4 (mm)	DN (mm)	e (mm)	b (mm)	k (mm)	z1 (mm)	h1 (mm)	Amount n	Art. No.	€ / Stk
11	16	90	18	180	65	8.2	22	145	90	26	8	010039027	272,10
11	16	110	18	200	80	10.0	20	160	90	30	8	010039028	288,35
11	16	140	18	225	100	12.7	20	180	90	33	8	010039314	316,95
11	16	160	18	250	125	14.6	24	210	90	35	8	010039029	367,65
11	16	180	18	250	125	16.4	24	210	150	35	8	010039030	387,10
11	16	200	23	285	150	18.2	22	240	110	35	8	010039315	376,90
11	16	250	22	340	200	22.7	24	295	120	35	12	010039316	531,80
11	16	315	26	400	250	28.6	26	355	200	45	12	010039317	798,40
11	16	355	26	450	300	32.2	28	410	135	56	12	010039318	884,75
11	16	400	26	510	350	36.3	30	470	160	40	16	010039319	1.304,00
11	16	450	30	580	400	40.9	32	525	180	55	16	010039320	1.509,85
11	10	450	27	565	400	40.9	44	515	180	55	16	010042815	1.402,70
11	16	500	30	580	400	45.4	32	525	234	55	16	010039321	2.315,85
11	10	500	26	565	400	45.4	515	515	234	55	16	010048943	2.145,55
11	16	560	33	710	500	50.8	36	650	195	83	20	010039322	2.485,80
11	10	560	26	670	500	50.8	44	620	185	55	20	010042818	1.966,25
11	16	630	33	710	500	57.2	36	650	305	83	20	010039323	3.491,85
11	10	630	26	670	500	57.2	44	620	305	55	20	010042821	2.972,00

PE 100 FM Special flange connections elongated, with round holes, EPDM seal and plastic coated Flange (SDR 11)

SIMONA

1.4.5



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed

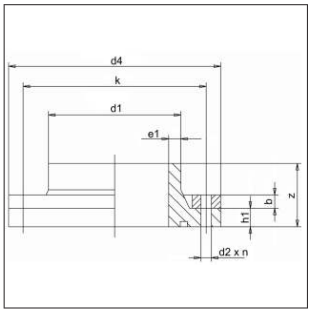
Dimensions
Based on DIN EN 12201/3, connecting dimensions of flange, based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series, FM Approval 1613

Art.code: PE0100-FM—SFV–LSEPDPPRL—SW09500— **0125**

SDR	PN (bar)	d (mm)	d2 (mm)	d4 (mm)	DN (mm)	e (mm)	b (mm)	k (mm)	z1 (mm)	h1 (mm)	Amount n	Art. No.	€ / Stk
11	16	90	18	180	65	8.2	22	145	255	26	8	010039291	328,75
11	16	110	18	200	80	10.0	20	160	260	30	8	010039283	348,50
11	16	140	18	225	100	12.7	20	180	260	33	8	010039294	383,00
11	16	160	18	250	125	14.6	24	210	265	35	8	010039292	444,30
11	16	180	18	250	125	16.4	24	210	315	35	8	010039293	467,75
11	16	200	23	285	150	18.2	22	240	205	35	8	010039295	498,10
11	16	250	22	340	200	22.7	24	295	245	35	12	010039296	642,60
11	16	315	26	400	250	28.6	26	355	275	45	12	010039297	964,70
11	16	355	26	450	300	32.2	28	410	275	56	12	010039298	1.069,10
11	16	400	26	510	350	36.3	30	470	320	40	16	010039299	1.575,65
11	16	450	30	580	400	40.9	32	525	335	55	16	010039300	1.824,45
11	10	450	27	565	400	40.9	44	515	335	55	16	010042816	1.694,90
11	16	500	30	580	400	45.4	32	525	422	55	16	010039301	2.798,30
11	10	500	26	565	400	45.4	515	515	416	55	16	010048944	2.592,50
11	16	560	33	710	500	50.8	36	650	370	83	20	010039302	3.003,75
11	10	560	26	670	500	50.8	44	620	370	55	20	010042819	2.376,00
11	16	630	33	710	500	57.2	36	650	500	83	20	010039303	4.219,40
11	10	630	26	670	500	57.2	44	620	500	55	20	010042822	3.591,15

PE 100 FM Special flange connections extra long, with round holes, EPDM seal and plastic coated Flange (SDR 11)



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed, dismountable

Dimensions
Based on DIN EN 12201/3, connecting dimensions of flange, based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series, FM Approval 1613

Art.code: PE0100-FM—SFV-XLSEPDPPRL—SW09500— **0125**

SDR	PN	d	d2	d4	DN	e	b	k	z1	h1	Amount n	Art. No.	€ / Stk
	(bar)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
11	16	180	18	250	125	16.4	24	210	380	35	8	010039304	510,30
11	16	200	23	285	150	18.2	22	240	380	35	8	010039305	648,00
11	16	250	22	340	200	22.7	24	295	410	35	12	010039306	840,70
11	16	315	26	400	250	28.6	26	355	430	45	12	010039307	1.024,60
11	16	355	26	450	300	32.2	28	410	560	56	12	010039308	1.274,20
11	16	400	26	510	350	36.3	30	470	560	40	16	010039309	1.747,90
11	16	450	30	580	400	40.9	32	525	625	55	16	010039310	2.373,75
11	10	450	27	565	400	40.9	44	515	625	55	16	010042817	2.205,25
11	16	500	30	580	400	45.4	32	525	740	55	16	010039311	3.455,40
11	10	500	26	565	400	45.4	515	515	740	55	16	010048945	3.201,25
11	16	560	33	710	500	50.8	36	650	775	83	20	010039312	3.559,40
11	10	560	26	670	500	50.8	44	620	710	55	20	010042820	2.815,55
11	16	630	33	710	500	57.2	36	650	870	83	20	010039313	5.731,75
11	10	630	26	670	500	57.2	44	620	865	55	20	010042823	4.877,45

SIMONA

2 PE-EL

2.1 PE-EL Pipes

PE Electrically conductive pressure pipes 184

2.2 PE-EL Fittings

PE-EL Bends 90°, injected 186

PE-EL Stub flanges for loose flange ISO/DIN, injected 187

PE-EL Tees, injected 188

PE-EL Reducers concentric 189

2.3 PP-EL Flange

PP-EL/Steel Loose flanges, ISO/DIN drilled 192

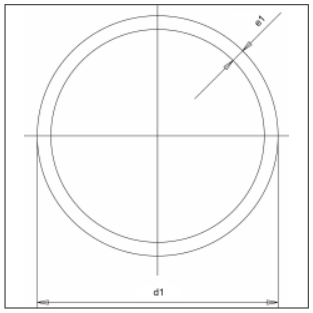
2 PE-EL 2.1 PE-EL Pipes 2.1

PE Electrically conductive pressure pipes 184

PE Electrically conductive pressure pipes (SDR 17.6/11)

SIMONA

2.1



Material
PE 80 electrically conductive

Colour
black

Dimensions
DIN 8074, standard length 5 m

Remark

Art.code: PE0080-EL—RO—EX———SW09500— **0201**

SDR	d (mm)	e (mm)	Length/m (m)	Weight (kg/m)	PN (bar)	Art. No.	€/m
11	20	2.0	6	0.13	10	010000348	*
11	32	3.0	5	0.31	10	**010001692**	7,25
11	40	3.7	5	0.47	10	**010000350**	11,40
11	50	4.6	5	0.74	10	**010000351**	17,65
11	63	5.8	5	1.16	10	**010000353**	28,00
11	75	6.8	5	1.62	10	**010001693**	38,85
11	90	8.2	5	2.35	10	**010000356**	56,15
11	110	10.0	5	3.48	10	**010000358**	83,25
11	125	11.4	5	4.51	10	**010000360**	107,90
11	140	12.7	5	5.62	10	010001694	134,25
11	160	14.6	5	7.37	10	**010000364**	176,35
11	180	16.4	5	9.31	10	010000366	222,80
11	200	18.2	5	11.5	10	010000368	274,00
11	225	20.5	5	14.5	10	**010000370**	347,55
11	250	22.7	5	17.9	10	**010001695**	426,25
11	280	25.4	5	22.4	10	010001696	535,35
11	315	28.6	5	28.3	10	010001697	677,40
11	355	32.2	5	36	10	010000379	860,10
11	400	36.3	5	45.6	10	010001124	1.090,90
17.6	63	3.6	5	0.76	6	010000352	17,85
17.6	75	4.3	5	1.08	6	010001121	25,50
17.6	90	5.1	5	1.53	6	**010000355**	36,25
17.6	110	6.3	5	2.3	6	**010000357**	54,20
17.6	125	7.1	5	2.94	6	010000359	69,45
17.6	140	8.0	5	3.69	6	010000361	86,90
17.6	160	9.1	5	4.81	6	**010000363**	113,05
17.6	180	10.2	5	6.05	6	010000365	142,55
17.6	200	11.4	5	7.5	6	010000367	176,45
17.6	225	12.8	5	9.45	6	**010000369**	222,35
17.6	250	14.2	5	11.7	6	**010000372**	274,50
17.6	280	15.9	5	14.6	6	010000374	344,40
17.6	315	17.9	5	18.5	6	**010000376**	434,20
17.6	355	20.1	5	23.4	6	**010000378**	551,40
17.6	400	22.7	5	29.7	6	010000380	698,70
17.6	450	25.5	5	37.5	6	010000381	883,25
17.6	500	28.4	5	46.4	6	010001698	1.092,90
17.6	560	31.7	5	58	6	010001122	1.364,90
17.6	630	35.7	5	73.5	6	010001123	1.729,10

* on request

PE-EL Bends 90°, injected 186

PE-EL Stub flanges for loose flange ISO/DIN, injected 187

PE-EL Tees, injected 188

PE-EL Reducers concentric 189

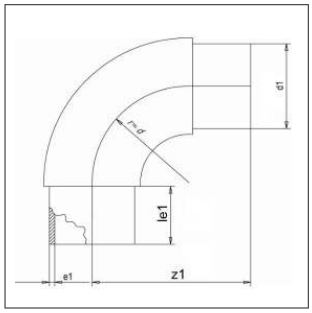
PE-EL Bends 90°, injected (SDR 17.6/17/11)

SIMONA

2.2



Product image for illustration purposes only.



Material
PE 80 electrically conductive

Colour
black

Execution
injected (r ~ d), for butt welding

Dimensions
Based on DIN EN ISO 15494/B

Remark
Other dimensions on request

Art.code: PE0080-EL—BO–90-KS-FG—SW09500— **0220**

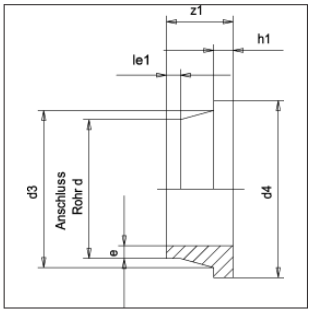
SDR	d (mm)	e (mm)	Angle (°)	le1 (mm)	z1 (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	20	2.0	90	18	38	16	0.003	010102038	7,60
11	25	2.3	90	18	43	16	0.006	010102039	7,75
11	32	3.0	90	22	54	16	0.036	**010100272**	8,30
11	40	3.7	90	52	92.5	16	0.031	**010102040**	10,35
11	50	4.6	90	22	72	16	0.105	**010100273**	12,70
11	63	5.8	90	22	86	16	0.199	**010100275**	17,70
11	75	6.8	90	22	98	16	0.322	**010100276**	24,00
11	90	8.2	90	25	113	16	0.540	**010100278**	33,90
11	110	10.0	90	28	138	16	0.965	**010100280**	63,25
11	125	11.4	90	32	157	16	1.410	**010100282**	88,90
11	140	12.7	90	35	175	16	1.325	010102044	118,75
11	160	14.6	90	40	200	16	2.730	**010100284**	144,65
11	180	16.4	90	20	200	16	2.585	010100286	171,10
11	200	18.2	90	20	220	16	3.840	010102045	254,30
11	225	20.5	90	18	243	16	5.170	010102046	304,60
11	250	22.7	90	25	290	16	7.240	**010102048**	582,15
11	280	25.4	90	10	290	16	9.880	010102049	763,75
11	315	28.6	90	15	325	16	11.540	010102051	1.051,70
11	355	32.2	90	90	432	16	21.420	010102052	1.770,95
11	400	36.3	90	35	430	16	29.120	010102054	2.429,90
17	225	13.4	90	20	245	10	3.710	**010102031**	236,65
17.6	50	2.9	90	22	72	10	0.042	010102041	12,20
17.6	63	3.6	90	22	86	10	0.086	010100274	16,50
17.6	75	4.3	90	75	150	10	0.135	010102042	23,75
17.6	90	5.1	90	25	113	10	0.220	**010100277**	29,75
17.6	110	6.3	90	28	138	10	0.740	**010100279**	61,95
17.6	125	7.1	90	32	157	10	0.580	010100281	78,10
17.6	140	8.0	90	35	175	10	0.875	010102043	113,60
17.6	160	9.1	90	40	200	10	1.985	**010100283**	124,85
17.6	180	10.7	90	20	200	10	1.785	010100285	154,00
17.6	200	11.9	90	20	220	10	2.560	010100287	191,35
17.6	250	14.2	90	10	255	10	4.780	**010102047**	383,15
17.6	280	15.9	90	10	290	10	6.540	010100288	500,15
17.6	315	18.7	90	40	340	10	7.250	**010102050**	689,35
17.6	355	20.1	90	30	380	10	13.260	**010100289**	1.308,00
17.6	400	22.7	90	35	430	10	20.380	010102053	1.819,75

PE-EL Stub flanges for loose flange ISO/DIN, injected

(SDR 17.6/11)



Product image for illustration purposes only.



Material
PE 80 electrically conductive

Colour
black

Execution
injected, for butt welding

Dimensions
Based on DIN EN ISO 15494/B

Remark
Other dimensions on request

Art.code: PE0080-EL—VB—KS—FS–DN-SW09500— **0220**

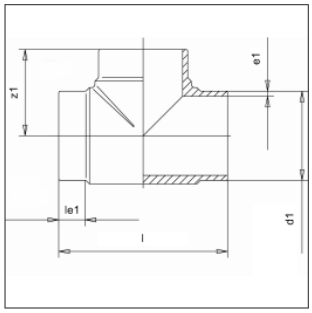
SDR	d (mm)	e (mm)	d3 (mm)	d4 (mm)	le1 (mm)	z1 (mm)	h1 (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	20	1.9	27	45	20	50	7	16	0.017	010600650	7,20
11	25	2.3	33	58	20	50	9	16	0.030	010600651	7,45
11	32	3.0	41	68	25	54	10	16	0.053	**010600115**	8,30
11	40	3.7	50	78	20	50	11	16	0.054	**010600116**	9,60
11	50	4.6	61	88	27	57	12	16	0.102	**010600117**	11,45
11	63	5.8	75	102	23	56	14	16	0.142	**010600119**	13,90
11	75	6.8	89	122	21	56	16	16	0.220	**010600120**	16,50
11	90	8.2	105	138	43	80	17	16	0.350	**010600122**	23,15
11	110	10.0	125	158	37	80	18	16	0.482	**010600124**	28,50
11	125	11.4	132	158	40	90	25	16	0.615	**010600126**	34,30
11	140	12.7	155	188	35	80	25	16	0.820	010600128	40,00
11	160	14.6	175	212	52	105	25	16	1.010	**010600130**	50,70
11	180	16.4	183	212	43	127	30	16	1.120	010600132	77,65
11	200	18.2	232	268	40	140	32	16	2.120	010600134	85,10
11	225	20.5	235	268	52	127	32	16	2.280	**010600136**	95,10
11	250	22.7	285	320	66	145	35	16	3.260	**010600138**	144,15
11	280	25.4	291	320	70	100	35	16	3.355	010600140	157,15
11	315	28.6	335	370	65	168	35	16	4.645	010600142	185,05
11	355	32.2	373	430	90	120	40	16	6.175	010600144	328,90
11	400	36.3	427	482	95	120	46	16	9.350	010600552	678,35
17.6	50	2.9	61	88	20	54	12	10	0.073	010600550	10,45
17.6	63	3.6	75	102	23	56	14	16	0.136	010600118	12,50
17.6	75	4.3	89	122	19	55	16	16	0.210	010600551	15,30
17.6	90	5.1	105	138	43	80	17	10	0.304	**010600121**	20,60
17.6	110	6.3	125	158	37	80	18	10	0.417	**010600123**	26,55
17.6	125	7.1	132	158	46	89	18	10	0.410	010600125	32,15
17.6	140	8.0	155	188	35	83	18	10	0.640	010600127	37,00
17.6	160	9.1	175	212	52	105	18	10	0.800	**010600129**	45,45
17.6	180	10.2	186	212	75	127	20	10	0.710	010600131	66,00
17.6	200	11.9	232	268	46	140	24	10	1.725	010600133	81,95
17.6	225	12.8	237	268	76	143	24	10	1.650	**010600135**	92,80
17.6	250	14.2	286	320	71	140	25	10	2.740	**010600137**	131,10
17.6	280	15.9	291	320	90	150	25	10	2.540	010600139	145,05
17.6	315	17.9	335	370	93	164	25	10	4.135	**010600141**	175,70
17.6	355	20.1	373	430	108	181	30	10	4.330	**010600143**	300,40
17.6	400	22.7	427	482	95	195	33	10	6.165	010600145	630,35
17.6	450	25.5	514	585	65	180	46	10	8.140	010600146	743,95
17.6	560	31.7	615	685	60	120	50	10	12.064	010600965	940,50
17.6	630	35.7	642	685	60	120	50	10	12.925	010600966	1.120,40

PE-EL Tees, injected (SDR 17.6/11)

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2.2





Product image for illustration purposes only.

Material
PE 80 electrically conductive

Colour
black

Execution
injected, for butt welding

Dimensions
Based on DIN EN ISO 15494/B

Remark
Other dimensions on request

Art.code: PE0080-EL—TS—KS—FG—SW09500— **0220**

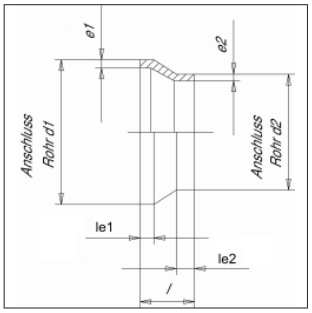
SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Length (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	20	1.9	20	38	78	0.004	16	010300855	6,25
11	25	2.3	11	40	80	0.030	16	010300856	6,80
11	32	3.0	11	42	84	0.046	16	**010300186**	7,60
11	40	3.7	20.5	50	100	0.060	16	**010300857**	11,45
11	50	4.6	23	60	120	0.126	16	**010300187**	15,25
11	63	5.8	16	67	134	0.259	16	**010300188**	23,40
11	75	6.8	15	75	152	0.443	16	**010301004**	45,95
11	90	8.2	42	98	196	0.735	16	**010300190**	66,95
11	110	10.0	55	127	254	1.310	16	**010300805**	97,50
11	125	11.4	52	125	250	1.700	16	**010300192**	134,60
11	160	14.6	57	160	320	3.500	16	**010300807**	283,85
11	180	16.4	57	182.5	365	6.260	16	010300808	364,70
11	200	18.2	57	200	400	6.920	16	010300995	521,20
11	225	20.5	57	220	440	8.840	16	010300907	619,20
11	250	22.7	72	235	466	9.900	16	**010300852**	796,40
11	315	28.6	80	275	540	22.050	16	010300853	2.052,05
17.6	50	2.9	13	50	100	0.080	10	010300858	13,80
17.6	63	3.6	19	63	128	0.185	10	010300835	18,45
17.6	75	4.3	19	75	150	0.294	10	010300859	36,00
17.6	90	5.1	42	100	205	0.550	10	**010300189**	50,70
17.6	110	6.3	55	127	254	0.914	10	**010300191**	83,10
17.6	125	7.1	32	127	250	1.197	10	010300865	114,70
17.6	140	8.0	62	157	314	2.020	10	010300866	135,25
17.6	160	9.1	57	160	320	2.500	10	**010300830**	254,25
17.6	180	10.2	45	212	430	4.420	10	010300935	311,15
17.6	200	11.9	57	200	400	5.410	10	010300867	425,05
17.6	225	13.4	57	220	440	6.080	10	**010300991**	499,10
17.6	250	14.2	67	225	450	7.650	10	**010300992**	661,00
17.6	315	17.9	87	282	564	14.975	10	**010300860**	1.006,00
17.6	355	20.1	103	348	696	22.360	10	**010300994**	1.527,25

PE-EL Reducers concentric (SDR 17.6/11)

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Material
PE 80 electrically conductive

Colour
black

Execution
machined, for butt welding

Dimensions
Based on DIN EN ISO 15494/B

Remark
Other dimensions on request

Art.code: PE0080-EL—RZ—KS—FS—-SW09500— **0220**

SDR	d1 (mm)	d2 (mm)	e (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	50	32	4.6	3	30	25	60	0.030	**014901123**	11,95
11	50	40	4.6	3.7	30	25	60	0.050	**014901124**	11,95
11	63	32	5.8	3	30	25	80	0.060	**014900207**	13,90
11	63	50	5.8	4.6	40	25	80	0.150	**014901302**	13,90
11	75	63	6.8	5.8	40	25	80	0.050	**014901455**	18,00
11	90	63	8.2	5.8	35	25	80	0.300	014900208	19,55
11	90	75	8.2	6.8	35	30	80	0.150	014901426	19,55
11	110	32	10.0	3	30	20	80	0.350	014901220	24,05
11	110	50	10.0	4.6	30	25	80	0.200	014901428	24,05
11	110	63	10.0	5.8	30	25	80	0.260	**014900209**	24,05
11	110	75	10.0	6.8	30	25	80	0.250	**014901223**	24,05
11	110	90	10.0	8.2	35	30	80	0.190	014901125	24,05
11	125	63	11.4	5.8	35	25	80	0.350	014901424	31,00
11	125	90	11.4	8.2	35	30	80	1.500	014901425	31,00
11	125	110	11.4	10	45	30	80	1.400	010019043	31,00
11	160	110	14.6	10	35	30	80	0.550	010019045	43,70
11	160	125	14.6	11.4	35	30	80	2.000	010019046	43,70
17.6	110	90	6.3	5.1	30	30	80	0.114	014901298	24,05
17.6	160	110	9.1	6.3	35	30	80	0.300	014901252	43,70
17.6	225	110	12.8	6.3	30	15	80	1.400	010019044	273,00
17.6	250	160	14.2	9.1	30	20	80	8.000	014901446	245,90
17.6	315	250	17.9	14.2	35	25	80	1.680	014901447	281,80

PP-EL/Steel Loose flanges, ISO/DIN drilled 192

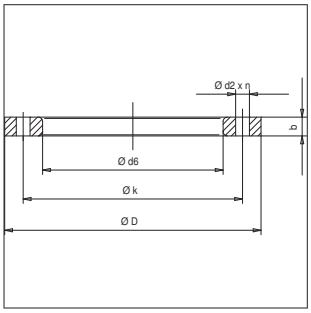
PP-EL/Steel Loose flanges, ISO/DIN drilled

SIMONA

2.3



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Material
PP-EL electrically conductive, with steel insert

Colour
black

Dimensions
DIN EN ISO 15494/C

Remark
Drilled PN 10/16 up to d 180 mm, > 180 mm drilled PN 10

Art.code: PP—EL—LF—FLA—DN-SW09500— **0333**

d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	d6 (mm)	Drilled PN	Load PN	kg/piece	Art. No.	€ / Stk
32	25	14	4	16	115	85	42	10/16	16	0.473	**013000081**	40,90
40	32	18	4	18	140	100	50.5	10/16	16	0.705	**013000082**	48,15
50	40	18	4	18	150	110	61.5	10/16	16	0.811	**013000083**	58,85
63	50	18	4	17	165	125	77.5	10/16	16	0.923	**013000084**	72,70
75	65	18	4	18	185	145	91.5	10/16	16	1.282	**013000085**	82,65
90	80	18	8	20	200	160	108	10/16	16	1.343	**013000086**	98,85
110	100	18	8	20	223	180	128	10/16	16	1.630	**013000087**	135,10
125	100	18	8	20	220	180	134.5	10/16	16	1.592	**013000088**	135,10
140	125	18	8	24	250	210	157.5	10/16	16	2.403	013000089	169,35
160	150	22	8	24	285	240	178	10/16	16	3.664	**013000090**	209,00
180	150	22	8	24	285	240	187.5	10/16	16	3.192	013000091	209,00
200	200	22	8	24	340	295	236.5	10	10	4.775	013000092	301,65
225	200	22	8	24	340	295	239.5	10	10	4.235	**013000093**	301,65
250	250	22	12	30	409	350	288	10	10	7.270	**013000094**	366,25
315	300	23	12	34	463	400	338	10	10	9.947	013000096	560,45
355	350	22	16	39	505	460	375.5	10	10	15.581	013000097	1.060,00
400	400	26	16	44	567	515	429.5	10	10	20.445	013000240	1.207,05
450	450	26	20	44	670	620	516.5	10	10	25.150	013000350	1.687,85
500	500	26	20	44	670	620	532.5	10	10	25.970	013000351	1.687,85

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3 PE 100 UV AP-Line

3.1 PE 100 UV AP-Line Pipes

PE 100 UV AP-Line pipes 196

3.2 PE 100 UV AP-Line Fittings

PE 100 AP-Line Bend, segment welded 198

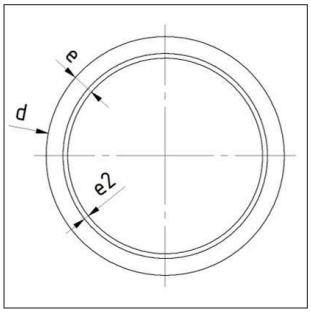
PE 100 UV AP-Line F-piece 200

PE 100 UV AP-Line pipes 196

PE 100 UV AP-Line pipes (SDR 17/11)

SIMONA

3.1



Material
Base pipe: PE 100; Inner layer: modified PO-compound, highly abrasion resistant

Colour
Outer layer: white, UV-stable, heat-reflecting; Inner layer: bright

Remark
SIMONA® PE co-extruded pipe with higher abrasion resistance, thickness of inner layer depends on pipe diameter (approx. 3.0 to 5.0 mm)

Art.code: PE0100-UV—RO–3CX—–AP–WS01840— **1001**

SDR	d (mm)	e (mm)	e2 (mm)	Length/m (m)	Weight (kg/m)	Art. No.	€/m
11	160	14.6	3	5	6.74	010030056	67,40
11	180	16.4	3	5	8.51	010030057	85,10
11	200	18.2	3	5	10.5	010030058	105,00
11	225	20.5	3	5	13.3	010030059	133,00
11	250	22.7	3	5	16.3	010030060	163,00
11	280	25.4	3	5	20.5	010030061	205,00
11	315	28.6	3	5	25.9	010030062	259,00
11	355	32.2	5	5	32.9	010030063	329,00
11	400	36.3	5	5	41.7	010030064	417,00
11	450	40.9	5	5	52.8	010030065	528,00
11	500	45.4	5	5	65.2	010030066	652,00
11	560	50.8	5	5	81.7	010030067	817,00
11	630	57.2	5	5	103	010030068	1.030,00
17	160	9.5	3	5	4.57	010030069	45,70
17	180	10.7	3	5	5.77	010030070	57,70
17	200	11.9	3	5	7.12	010030071	71,20
17	225	13.4	3	5	9.03	010030072	90,30
17	250	14.8	3	5	11.1	010030073	111,00
17	280	16.6	3	5	13.9	010030074	139,00
17	315	18.7	3	5	17.6	010030075	176,00
17	355	21.1	5	5	22.4	010030076	224,00
17	400	23.7	5	5	28.3	010030077	283,00
17	450	26.7	5	5	35.8	010030078	358,00
17	500	29.7	5	5	44.2	010030079	442,00
17	560	33.2	5	5	55.4	010030080	554,00
17	630	37.4	5	5	70.2	010030081	702,00

Please contact our Sales/Applications Technology department prior to placing your order for further information.

PE 100 AP-Line Bend, segment welded 198
PE 100 UV AP-Line F-piece 200

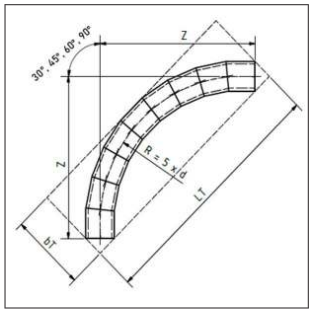
PE 100 AP-Line Bend, segment welded (SDR 17/11)

SIMONA

3.2



Product image for illustration purposes only.



Material
Base pipe: PE 100; Inner layer: modified PO-compound, highly abrasion resistant

Colour
Outer layer: white, UV-stable, heat-reflecting; Inner layer: bright

Dimensions
In accordance with DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SIMONA® PE coextruded Bends with pipe wall-integrated, abrasion resistant inner layer; Segment welded, for butt welding and electrofusion welding (r ~ 5.0 d), made from pipe SDR 17/ SDR 11

Art.code: PE0100-UV—BO–30-LS-GS-AP–WS01840— 1002

SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	Art. No.	€ / Stk
11	160	14.6	99	339	30	2.850	010029566	1.074,20
11	160	14.6	99	470	45	3.270	010029540	1.525,80
11	160	14.6	99	592	60	3.710	010029514	1.537,15
11	160	14.6	99	921	90	4.600	010029488	1.996,50
11	180	16.4	105	368	30	3.740	010029567	1.388,40
11	180	16.4	105	514	45	4.310	010029541	1.976,30
11	180	16.4	105	651	60	4.960	010029515	1.993,00
11	180	16.4	105	1021	90	6.200	010029489	2.593,10
11	200	18.2	112	397	30	4.780	010029568	1.487,20
11	200	18.2	112	559	45	5.560	010029542	2.121,90
11	200	18.2	112	711	60	6.440	010029516	2.143,85
11	200	18.2	112	1122	90	8.200	010029490	2.794,05
11	225	20.5	120	433	30	6.310	010029569	1.667,60
11	225	20.5	120	614	45	7.420	010029543	2.390,35
11	225	20.5	120	784	60	8.680	010029517	2.420,85
11	225	20.5	120	1246	90	11.200	010029491	3.167,30
11	250	22.7	129	470	30	11.400	010029570	1.710,90
11	250	22.7	129	670	45	12.900	010029544	2.452,05
11	250	22.7	129	858	60	14.600	010029518	2.493,00
11	250	22.7	129	1372	90	17.600	010029492	3.270,65
11	280	25.4	139	513	30	14.400	010029571	1.801,75
11	280	25.4	139	737	45	17.260	010029545	2.571,00
11	280	25.4	139	947	60	19.300	010029519	2.626,90
11	280	25.4	139	1522	90	23.800	010029493	3.443,95
11	315	28.6	150	563	30	21.900	010029572	2.307,15
11	315	28.6	150	813	45	25.000	010029546	3.323,30
11	315	28.6	150	1049	60	28.400	010029520	3.401,90
11	315	28.6	150	1697	90	34.900	010029494	4.482,30
11	355	32.2	164	622	30	28.600	010029573	2.667,00
11	355	32.2	164	902	45	33.200	010029547	3.809,20
11	355	32.2	164	1167	60	38.100	010029521	3.922,95
11	355	32.2	164	1898	90	47.400	010029495	5.161,85
11	400	36.3	179	687	30	38.100	010029574	2.770,75
11	400	36.3	179	1002	45	44.000	010029548	3.976,80
11	400	36.3	179	1300	60	51.400	010029522	4.135,40
11	400	36.3	179	2123	90	64.700	010029496	5.485,45
11	450	40.9	195	758	30	50.300	010029575	3.331,55
11	450	40.9	195	1111	45	59.200	010029549	4.816,05
11	450	40.9	195	1446	60	69.300	010029523	5.039,50
11	450	40.9	195	2372	90	88.200	010029497	6.717,05
11	500	45.4	212	831	30	71.100	010029576	4.117,00
11	500	45.4	212	1222	45	83.300	010029550	5.974,35
11	500	45.4	212	1594	60	97.000	010029524	6.276,30
11	500	45.4	212	2623	90	123.000	010029498	8.414,30

Please contact our Sales/Applications Technology department prior to placing your order for further information.

PE 100 AP-Line Bend, segment welded (SDR 17/11)

SIMONA

Art.code: PE0100-UV—BO–30-LS-GS-AP–WS01840—

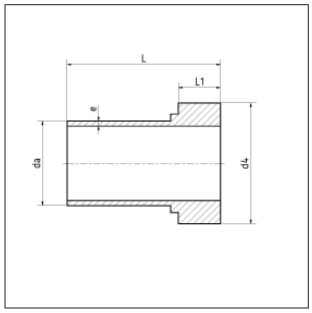
SDR	d (mm)	e (mm)	le1 (mm)	z1 (mm)	Angle (°)	kg/piece	Art. No.	€ / Stk
11	560	50.8	232	921	30	93.100	010029577	6.709,00
11	560	50.8	232	1359	45	110.000	010029551	9.534,35
11	560	50.8	232	1774	60	126.000	010029525	9.954,60
11	560	50.8	232	2927	90	167.000	010029499	13.167,95
11	630	57.2	255	1018	30	110.000	010029578	7.469,60
11	630	57.2	255	1503	45	153.000	010029552	10.633,65
11	630	57.2	255	1976	60	176.000	010029526	11.234,20
11	630	57.2	255	3273	90	229.000	010029500	14.959,45
17	160	9.5	99	339	30	1.900	010029579	765,95
17	160	9.5	99	470	45	2.130	010029553	1.064,65
17	160	9.5	99	592	60	2.420	010029527	1.073,05
17	160	9.5	99	921	90	2.980	010029501	1.377,45
17	180	10.7	105	368	30	2.430	010029580	1.015,35
17	180	10.7	105	514	45	2.800	010029554	1.418,55
17	180	10.7	105	621	60	3.220	010029528	1.431,00
17	180	10.7	105	1021	90	4.000	010029502	1.843,20
17	200	11.9	112	397	30	3.120	010029581	1.106,10
17	200	11.9	112	559	45	3.630	010029555	1.552,10
17	200	11.9	112	711	60	4.210	010029529	1.568,10
17	200	11.9	112	1122	90	5.300	010029503	2.025,50
17	225	13.4	120	433	30	4.110	010029582	1.228,55
17	225	13.4	120	614	45	4.830	010029556	1.734,10
17	225	13.4	120	784	60	5.650	010029530	1.756,55
17	225	13.4	120	1246	90	7.200	010029504	2.279,55
17	250	14.8	129	470	30	7.400	010029583	1.261,35
17	250	14.8	129	670	45	8.390	010029557	1.780,85
17	250	14.8	129	858	60	9.250	010029531	1.811,20
17	250	14.8	129	1372	90	11.600	010029505	2.358,75
17	280	16.6	139	513	30	13.200	010029584	1.334,60
17	280	16.6	139	737	45	10.900	010029558	1.873,85
17	280	16.6	139	947	60	13.000	010029532	1.914,90
17	280	16.6	139	1522	90	15.700	010029506	2.490,20
17	315	18.7	150	563	30	14.200	010029585	1.490,05
17	315	18.7	150	813	45	18.300	010029559	2.104,25
17	315	18.7	150	1049	60	18.400	010029533	2.161,35
17	315	18.7	150	1697	90	22.600	010029507	2.821,15
17	355	21.1	164	622	30	18.700	010029586	1.914,00
17	355	21.1	164	902	45	21.500	010029560	2.687,25
17	355	21.1	164	1167	60	24.700	010029534	2.770,05
17	355	21.1	164	1898	90	30.700	010029508	3.614,10
17	400	23.7	179	687	30	24.800	010029587	1.971,30
17	400	23.7	179	1002	45	28.800	010029561	2.787,60
17	400	23.7	179	1300	60	33.400	010029535	2.901,35
17	400	23.7	179	2123	90	42.000	010029509	3.822,40
17	450	26.7	195	758	30	32.600	010029588	2.347,90
17	450	26.7	195	1111	45	38.300	010029562	3.353,05
17	450	26.7	195	1446	60	45.000	010029536	3.511,25
17	450	26.7	195	2372	90	57.100	010029510	4.652,75
17	500	29.7	212	831	30	46.100	010029589	2.987,65
17	500	29.7	212	1222	45	54.000	010029563	4.295,35
17	500	29.7	212	1594	60	62.900	010029537	4.509,10
17	500	29.7	212	2623	90	80.000	010029511	6.016,75
17	560	33.2	232	921	30	60.300	010029590	4.508,40
17	560	33.2	232	1359	45	71.400	010029564	6.252,90
17	560	33.2	232	1776	60	83.900	010029538	6.546,75
17	560	33.2	232	2927	90	118.000	010029512	8.562,55
17	630	37.4	255	1018	30	80.200	010029591	5.346,20
17	630	37.4	255	1503	45	102.400	010029565	7.473,60
17	630	37.4	255	1976	60	113.000	010029539	7.897,60
17	630	37.4	255	3273	90	148.000	010029513	10.423,95

Please contact our Sales/Applications Technology department prior to placing your order for further information.

PE 100 UV AP-Line F-piece (SDR 17/11)

SIMONA

3.2



Material
Base pipe: PE 100; Inner layer: modified PO-compound, highly abrasion resistant

Colour
Outer layer: white, UV-stable, heat-reflecting; Inner layer: bright

Dimensions
In accordance with DIN EN ISO 15494/B, DIN EN 12201/3

Remark
SIMONA® PE Flange piece for pipes with abrasion resistant inner layer, for butt welding and electrofusion welding, machined

Art.code: PE0100-UV—VB-F-LS——AP3LWS01840— **1002**

SDR	d	d2	d3	d4	e	b	k	le1	z1	h1	kg/piece	Art. No.	€ / Stk
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
11	160	22	175	212	14.6	24	240	105	300	60	2.455	010037290	538,65
11	180	22	180	212	16.4	24	240	150	300	61	3.231	010037356	560,30
11	200	22	232	268	18.2	24	295	112	300	68	4.117	010037291	600,35
11	225	22	235	268	20.5	24	295	179	300	71	5.257	010037358	633,00
11	250	22	285	320	22.7	30	350	212	400	78	7.406	010037360	685,25
11	280	22	291	320	25.4	30	350	255	400	85	7.834	010037362	732,50
11	315	22	335	370	28.6	34	400	105	400	89	10.499	010037364	857,05
11	355	22	373	430	32.2	39	460	120	400	92	14.317	010037366	949,60
11	400	26	427	482	36.3	44	515	99	500	107	41.000	010036391	1.094,85
11	450	26	514	585	40.9	44	620	150	500	111	28.150	010037369	1.318,70
11	500	26	530	585	45.4	44	620	179	500	116	28.122	010037371	1.367,55
11	560	30	615	685	50.8	64	725	212	500	131	40.609	010037373	1.556,75
11	630	30	642	685	57.2	58	725	255	500	137	38.852	010037375	1.641,05
17	160	22	175	212	9.5	24	240	120	300	60	1.740	010037292	534,25
17	180	22	180	212	10.7	24	240	139	300	61	2.409	010037355	553,25
17	200	22	232	268	11.9	24	295	129	300	68	2.889	010037293	587,30
17	225	22	235	268	13.4	24	295	164	300	71	3.976	010037357	622,20
17	250	22	285	320	14.8	30	350	195	400	78	5.846	010037359	661,05
17	280	22	291	320	16.6	30	350	232	400	85	5.854	010037361	711,75
17	315	22	335	370	18.7	34	400	99	400	89	8.009	010037363	816,25
17	355	22	373	430	21.1	39	460	112	400	92	11.167	010037365	1.038,45
17	400	26	427	482	23.7	44	515	129	500	107	14.725	010037367	1.056,55
17	450	26	514	585	26.7	44	620	139	500	111	23.050	010037368	1.247,75
17	500	26	530	585	29.7	44	620	164	500	116	21.822	010037370	1.279,35
17	560	30	615	685	33.2	64	725	195	500	131	32.719	010037372	1.449,50
17	630	30	642	685	37.4	58	725	232	500	137	29.012	010037374	1.554,00

Please contact our Sales/Applications Technology department prior to placing your order for further information.

SIMONA

4 SIMODUAL²

4.1 PE/PE Pipes

SIMODUAL² Pipe modules PE/PE 204

4.2 PE/PE Fittings

4.2.1 PE/PE Fittings with short spigots

SIMODUAL² Bends 45° PE/PE 206

SIMODUAL² Bends 90° PE/PE 207

SIMODUAL² Tees PE/PE 208

SIMODUAL² Reducers concentric PE/PE 209

SIMODUAL² Transition fitting PE/PE 210

SIMODUAL² Spacer 211

SIMODUAL² Fixing point 212

SIMODUAL² Leak adaptor piece PE/PE 213

SIMODUAL² Fixing Points for Pipe Clamp PE/PE 214

4.2.2 PE/PE Fittings with elongated spigots

SIMODUAL² Bends 45°, extended PE/PE 216

SIMODUAL² Bends 90°, extended PE/PE 217

SIMODUAL² Tees, extended PE/PE 218

SIMODUAL² Electrofusion socket, extended 219

4.3 PP/PE Pipes

SIMODUAL² Pipe modules PP/PE 222

4.4 PP/PE Fittings

4.4.1 PP/PE Fittings with short spigots

SIMODUAL² Bends 45° PP/PE 224

SIMODUAL² Bends 90° PP/PE 225

SIMODUAL² Tees PP/PE 226

SIMODUAL² Reducers concentric PP/PE 227

SIMODUAL² Transition fitting PP/PE 228

SIMODUAL² Fixing Points for Pipe Clamp 229

4.4.2 PP/PE Fittings with elongated spigots

SIMODUAL² Bends 45°, extended PP/PE 232

SIMODUAL² Bends 90°, extended PP/PE 233

SIMODUAL² Tees, extended PP/PE 234

SIMODUAL² Leak adaptor piece PP/PE 235

4.5 PVDF/PE Pipes

4 SIMODUAL²

SIMODUAL² Pipe Module PVDF/PE 238

4.6 PVDF/PE Fittings

SIMODUAL² PVDF/PE Bend 240

SIMODUAL² PVDF/PE Bend, elongated on one side 241

SIMODUAL² PVDF/PE Transition fitting, short 242

SIMODUAL² Fixing Points for Pipe Clamp PVDF/PE 243

SIMODUAL² PVDF/PE Tee 244

SIMODUAL² PVDF/PE Tee, elongated on one side 245

SIMODUAL² PVDF/PE Reducer concentric 246

SIMODUAL² PVDF/PE Adapter with leakage control, short 247

4 SIMODUAL² 4.1 PE/PE Pipes 4.1

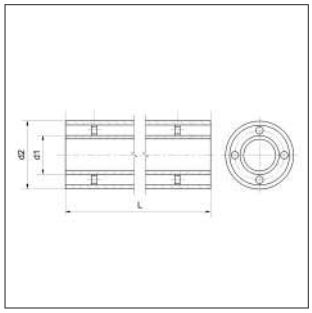
SIMODUAL² Pipe modules PE/PE 204

SIMODUAL² Pipe modules PE/PE

SIMONA

4.1





Product image for illustration purposes only.

Material
PE/PE

Colour
black/black

Dimensions
Individual components in accordance with DIN EN ISO 15494, standard length 6m (PE/PE)

Remark
Cascade welding; Inner pipe: Heated-tool butt welding; Outer pipe: Electrofusion socket welding; Including spacer

Art.code: PE/PE——DORO——IND—SW09500— **0801**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	Length (mm)	Weight (kg/m)	kg/piece	Art. No.	€/m
11	17	32	90	3	5.4	6000	1.92	11.544	010025240	55,25
11	17	63	110	5.8	6.6	6000	3.4	20.400	010025241	71,20
11	17	90	160	8.2	9.5	6000	7.02	42.100	010025242	113,05
11	17	110	180	10	10.7	6000	9.35	56.105	010025243	142,00
11	17	160	250	14.6	14.8	6000	18.86	113.132	010025244	308,35
11	17	200	315	18.2	18.7	6000	29.44	176.658	010025245	349,10
11	17	225	355	20.5	21.1	6000	37.53	225.171	010025246	396,70

4.2.1 PE/PE Fittings with short spigots

SIMODUAL² Bends 45° PE/PE 206
SIMODUAL² Bends 90° PE/PE 207
SIMODUAL² Tees PE/PE 208
SIMODUAL² Reducers concentric PE/PE 209
SIMODUAL² Transition fitting PE/PE 210
SIMODUAL² Spacer 211
SIMODUAL² Fixing point 212
SIMODUAL² Leak adaptor piece PE/PE 213
SIMODUAL² Fixing Points for Pipe Clamp PE/PE 214

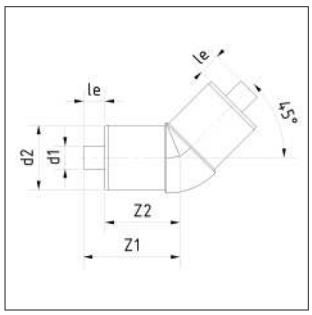
SIMODUAL² Bends 45° PE/PE

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4.2.1



Product image for illustration purposes only.



Material
PE/PE

Colour
black/black

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

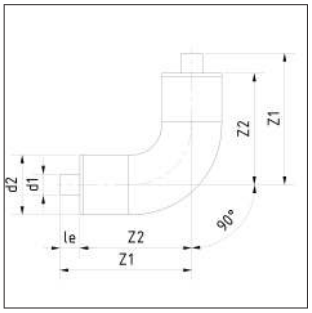
Art.code: PE/PE——DOB045KKKSIND—SW09500— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le (mm)	z1 (mm)	z2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	105	90	0.563	010025268	173,70
11	17	63	110	5.8	6.6	30	121	88	1.250	010025269	322,50
11	17	90	160	8.2	9.5	40	180	105	3.591	010025270	579,25
11	17	110	180	10	10.7	40	185	121	5.332	010025271	703,90
11	17	160	250	14.6	14.8	40	215	190	13.353	010025272	1.353,25
11	17	200	315	18.2	18.7	40	245	207	26.540	010025273	1.963,85
11	17	225	355	20.5	21.1	50	105	90	45.020	010025274	2.838,40

SIMODUAL² Bends 90° PE/PE



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Material
PE/PE

Colour
black/black

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Including spacer; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PE/PE——DOB090KKKSIND—SW09500—— **0802**

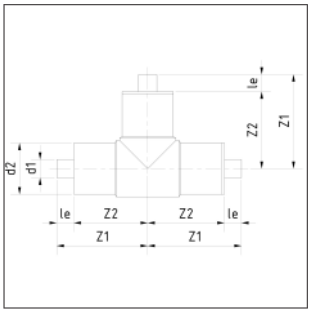
SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le (mm)	z1 (mm)	z2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	198	168	0.710	010025254	176,40
11	17	63	110	5.8	6.6	30	223	193	1.654	010025255	299,20
11	17	90	160	8.2	9.5	40	298	258	4.457	010025256	526,60
11	17	110	180	10	10.7	40	330	290	6.799	010025257	675,75
11	17	160	250	14.6	14.8	40	420	380	17.216	010025258	1.206,80
11	17	200	315	18.2	18.7	40	510	471	32.980	010025259	1.963,85
11	17	225	355	20.5	21.1	50	612	562	55.840	010025260	2.839,15

SIMODUAL² Tees PE/PE

SIMONA

4.2.1





Product image for illustration purposes only.

Material
PE/PE

Colour
black/black

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

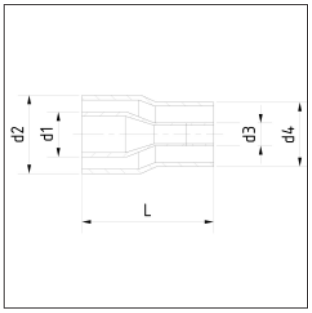
Art.code: PE/PE——DOTS–KKKSIND—SW09500— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	172	142	1.105	010025282	276,55
11	17	63	110	5.8	6.6	30	196	166	2.417	010025283	449,35
11	17	90	160	8.2	9.5	40	256	216	6.173	010025284	712,65
11	17	110	180	10	10.7	40	310	270	9.735	010025285	969,90
11	17	160	250	14.6	14.8	40	343	303	20.584	010025286	1.803,80
11	17	200	315	18.2	18.7	40	401	361	41.054	010025287	2.698,00
11	17	225	355	20.5	21.1	50	473	423	55.682	010025288	3.788,95

SIMODUAL² Reducers concentric PE/PE



Product image for illustration purposes only.



Material
PE/PE

Colour
black/black

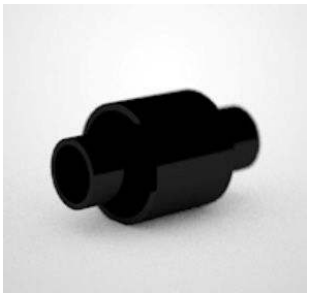
Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PE/PE——DORZ-KK—IND—SW09500— **0802**

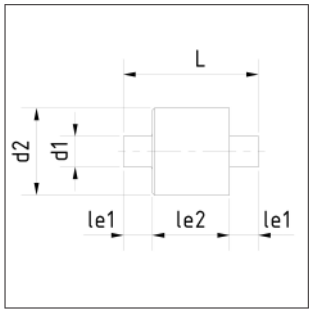
SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	e1 (mm)	e2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	17	63	110	32	90	5.8	6.6	185	0.668	010025296	237,65
11	17	90	160	63	110	8.2	9.5	254	0.668	010025297	278,60
11	17	110	180	63	110	10	10.7	275	2.359	010025298	341,70
11	17	110	180	90	160	10	10.7	279	0.668	010025299	387,30
11	17	160	250	90	160	14.6	14.8	308	0.668	010025300	465,60
11	17	160	250	110	180	14.6	14.8	316	6.119	010025301	561,10
11	17	200	315	110	180	18.2	18.7	322	46.497	010025302	969,55
11	17	200	315	160	250	18.2	18.7	367	11.661	010025303	694,30
11	17	225	355	160	250	20.5	21.1	390	32.680	010025304	1.285,45
11	17	225	355	200	315	20.5	21.1	340	34.192	010025305	1.333,25

SIMODUAL² Transition fitting PE/PE

4.2.1



Product image for illustration purposes only.



Material
PE/PE

Colour
black/black

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

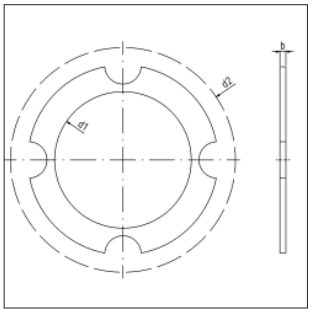
Art.code: PE/PE——DOUS-KKKS-IND—SW09500— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	80	140	0.380	010025316	134,60
11	17	63	110	5.8	6.6	30	85	145	0.590	010025317	152,10
11	17	90	160	8.2	9.5	40	105	185	1.580	010025318	192,75
11	17	110	180	10	10.7	40	110	190	2.060	010025319	288,90
11	17	160	250	14.6	14.8	40	130	210	4.620	010025320	375,05
11	17	200	315	18.2	18.7	40	150	230	8.430	010025321	559,20
11	17	225	355	20.5	21.1	50	165	265	12.020	010025322	554,10

SIMODUAL² Spacer



Product image for illustration purposes only.



Material
PE 100

Colour
black

Remark
Available separately as spare parts, Integrated in SIMODUAL² pipe module as standard

Art.code: PE0100——D0AH——IND—SW09500— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	b (mm)	kg/piece	Art. No.	€ / Stk
11	17	32.3	74.2	15	0.050	010025226	28,50
11	17	63.4	91.8	15	0.060	010025227	31,70
11	17	90.6	134	20	0.180	010025228	37,05
11	17	110.7	151.6	20	0.200	010025229	46,85
11	17	161	213.4	25	0.650	010025230	66,35
11	17	201.2	267.6	30	1.100	010025231	94,45
11	17	226.4	302.8	30	1.400	010025232	103,80

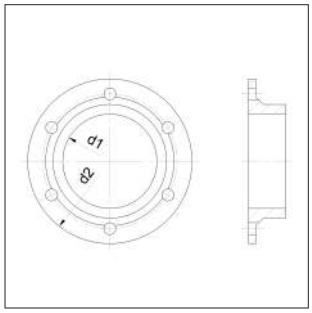
SIMODUAL² Fixing point

SIMONA

4.2.1



Product image for illustration purposes only.



Material
PE 100

Colour
black

Remark
Available separately as spare parts, Integrated in SIMODUAL² fitting as standard

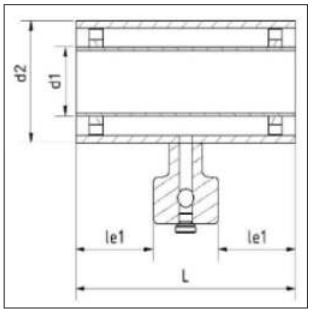
Art.code: PE0100——DOAP——IND—SW09500— **0802**

d1 (mm)	d2 (mm)	e (mm)	e1 (mm)	e2 (mm)	kg/piece	Art. No.	€ / Stk
90	32	5.4	7	7	0.060	023700067	6,70
110	63	6.6	7	7	0.080	023700068	7,85
160	90	9.5	9.5	9.5	0.200	023700069	11,40
180	110	11.9	11.9	11.9	0.240	010024742	17,25
200	110	11.9	11.9	11.9	0.380	023700070	18,75
225	355				2.000	010024743	69,50
250	160	14.6	14.6	14.6	0.400	023700071	21,45
315	200	18.2	18.2	18.2	1.400	023700072	37,10

SIMODUAL² Leak adaptor piece PE/PE



Product image for illustration purposes only.



Material
PE/PE

Colour
black/black

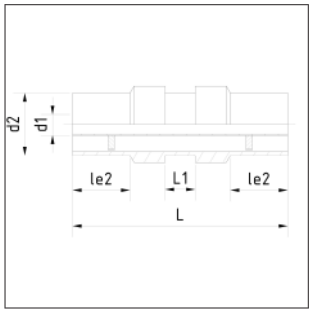
Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding Matching leakage monitoring systems available on request For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PE/PE——DOUS-KKKS-IND-LC-SW09500— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	le1 (mm)	e1 (mm)	e2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	80	3	5.4	260	1.648	010025345	175,50
11	17	63	110	90	5.8	6.6	280	2.109	010025346	186,05
11	17	90	160	100	8.2	9.5	300	4.438	010025347	216,15
11	17	110	180	110	10	10.7	320	7.697	010025348	243,55
11	17	160	250	130	14.6	14.8	360	14.704	010025349	325,10
11	17	200	315	150	18.2	18.7	400	30.255	010025350	439,35
11	17	225	355	170	20.5	21.1	440	27.503	010025351	502,45

SIMODUAL² Fixing Points for Pipe Clamp PE/PE

4.2.1



Material
PE/PE

Colour
black/black

Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PE/PE——DOFP-KKROSIND—SW09500— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le2 (mm)	Empty category (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	80	42	300	1.765	010025359	170,75
11	17	63	110	5.8	6.6	85	52	320	2.835	010025360	193,35
11	17	90	160	8.2	9.5	100	52	350	6.625	010025361	261,45
11	17	110	180	10	10.7	110	52	370	8.926	010025362	335,70
11	17	160	250	14.6	14.8	130	62	430	17.910	010025363	434,10
11	17	200	315	18.2	18.7	150	62	470	34.390	010025364	634,65
11	17	225	355	20.5	21.1	165	62	500	44.185	010025365	848,25

4.2.2 PE/PE Fittings with elongated spigots

SIMODUAL² Bends 45°, extended PE/PE 216

SIMODUAL² Bends 90°, extended PE/PE 217

SIMODUAL² Tees, extended PE/PE 218

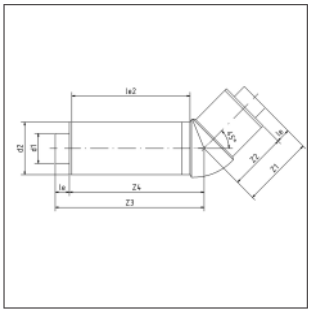
SIMODUAL² Electrofusion socket, extended 219

SIMODUAL² Bends 45°, extended PE/PE

SIMONA

4.2.2





Product image for illustration purposes only.

Material
PP/PE

Colour
black/black

Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding
Fitting equipped with anchor points as standard
For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

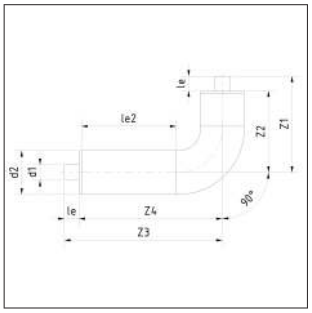
Art.code: PE/PE——D0B045KKLSIND—SW09500— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le (mm)	le2 (mm)	z1 (mm)	z2 (mm)	z3 (mm)	z4 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	195	140	105	275	240	0.563	010025756	191,05
11	17	63	110	5.8	6.6	30	234	156	121	321	286	1.250	010025757	354,75
11	17	90	160	8.2	9.5	40	276	240	190	406	356	5.450	010025758	637,30
11	17	110	180	10	10.7	40	297	246	196	433	383	5.332	010025759	774,15
11	17	160	250	14.6	14.8	40	310	275	220	500	445	13.353	010025760	1.488,85
11	17	200	315	18.2	18.7	40	356	305	250	556	501	25.140	010025761	2.160,35
11	17	225	355	20.5	21.1	50	432	430	365	702	637	42.726	010025762	3.122,30

SIMODUAL² Bends 90°, extended PE/PE



Product image for illustration purposes only.



Material
PE/PE

Colour
black/black

Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding
Fitting equipped with anchor points as standard
For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

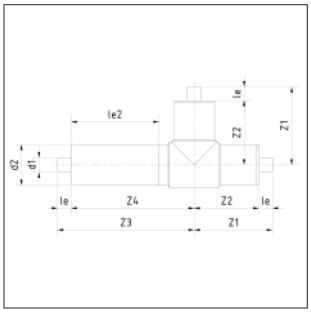
Art.code: PE/PE——DOB090KKLSIND—SW09500— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le (mm)	le2 (mm)	z1 (mm)	z2 (mm)	z3 (mm)	z4 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	195	198	168	325	295	1.768	010025742	194,75
11	17	63	110	5.8	6.6	30	234	223	193	384	354	1.834	010025743	346,90
11	17	90	160	8.2	9.5	40	276	298	258	493	453	6.490	010025744	579,30
11	17	110	180	10	10.7	40	305	340	300	585	545	7.154	010025745	743,35
11	17	160	250	14.6	14.8	40	310	420	380	691	651	19.246	010025746	1.327,40
11	17	200	315	18.2	18.7	40	356	510	470	731	691	32.720	010025747	2.160,35
11	17	225	355	20.5	21.1	50	432	612	562	877	827	53.546	010025748	3.121,75

SIMODUAL² Tees, extended PE/PE

4.2.2





Product image for illustration purposes only.

Material
PE/PE

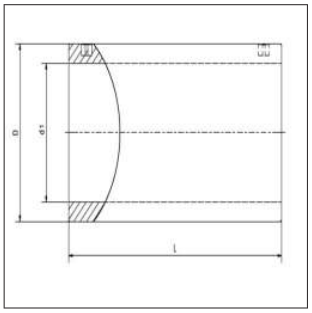
Colour
black/black

Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding Fitting equipped with anchor points as standard For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PE/PE——DOTS–KKLSIND———— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	172	142	2.414	010025770	304,35
11	17	63	110	5.8	6.6	30	196	166	3.374	010025771	494,15
11	17	90	160	8.2	9.5	40	256	216	8.499	010025772	784,05
11	17	110	180	10	10.7	40	310	270	12.960	010025773	1.066,70
11	17	160	250	14.6	14.8	40	343	303	27.693	010025774	1.984,90
11	17	200	315	18.2	18.7	40	401	361	54.251	010025775	2.967,85
11	17	225	355	20.5	21.1	50	473	423	69.478	010025776	4.168,20

SIMODUAL² Electrofusion socket, extended



Material
PE 100

Colour
black

Remark
Suitable for welding in spaces with constrained points For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

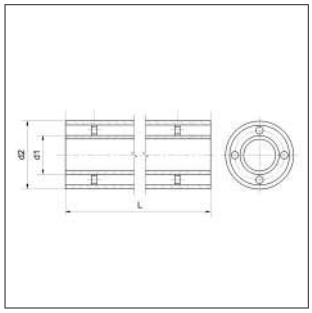
Art.code: PE0100—DOMU-EMLS-IND—SW09500— **0802**

d (mm)	d1 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
90	90	185	1.363	010025373	161,50
110	110	224	2.001	010025374	176,65
160	160	266	4.500	010025375	231,35
180	180	287	6.082	010025376	257,90
250	250	299	12.297	010025377	350,05
315	315	346	22.672	010025378	483,30
355	355	422	33.188	010025379	606,00

SIMODUAL² Pipe modules PP/PE 222

4.3





Product image for illustration purposes only.

Material
PP/PE

Colour
grey/black

Dimensions
Individual components in accordance with DIN EN ISO 15494, standard length 5 m (PP/PE)

Remark
Cascade welding; Inner pipe: Heated-tool butt welding; Outer pipe: Electrofusion socket welding; Including spacer

Art.code: PP/PE——DORO——IND—GR09515— **0801**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	Length (mm)	Weight (kg/m)	kg/piece	Art. No.	€/m
11	17	32	90	3	5.4	5000	2.2	10.980	010025247	55,25
11	17	63	110	5.8	6.6	5000	3.88	19.390	010025248	71,20
11	17	90	160	8.2	9.5	5000	7.88	39.410	010025249	113,05
11	17	110	180	10	10.7	5000	10.32	51.594	010025250	142,00
11	17	160	250	14.6	14.8	5000	20.62	103.119	010025251	308,35
11	17	200	315	18.2	18.7	5000	39.1	195.522	010025252	349,10
11	17	225	355	20.5	21.1	5000	40.94	204.714	010025253	396,70

4 SIMODUAL²

4.4 PP/PE Fittings

4.4.1 PP/PE Fittings with short spigots

SIMODUAL² Bends 45° PP/PE 224

SIMODUAL² Bends 90° PP/PE 225

SIMODUAL² Tees PP/PE 226

SIMODUAL² Reducers concentric PP/PE 227

SIMODUAL² Transition fitting PP/PE 228

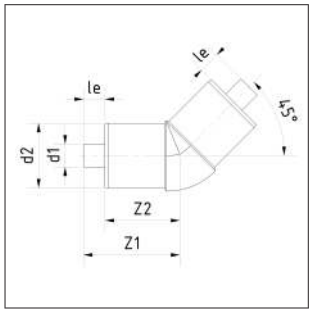
SIMODUAL² Fixing Points for Pipe Clamp 229

SIMODUAL² Bends 45° PP/PE

SIMONA

4.4.1





Product image for illustration purposes only.

Material
PP/PE

Colour
grey/black

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

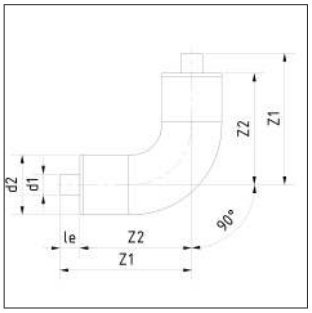
Art.code: PP/PE——DOB045KKKSIND—GR09515— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le (mm)	z1 (mm)	z2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	105	90	0.555	010025275	173,70
11	17	63	110	5.8	6.6	30	122	88	1.227	010025276	322,50
11	17	90	160	8.2	9.5	40	185	105	3.527	010025277	579,25
11	17	110	180	10	10.7	40	190	121	5.199	010025278	703,90
11	17	160	250	14.6	14.8	40	210	190	13.005	010025279	1.353,25
11	17	200	315	18.2	18.7	40	250	207	23.750	010025280	1.963,85
11	17	225	355	20.5	21.1	50	325	210	50.110	010025281	2.838,40

SIMODUAL² Bends 90° PP/PE



Product image for illustration purposes only.



Material
PP/PE

Colour
grey/black

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

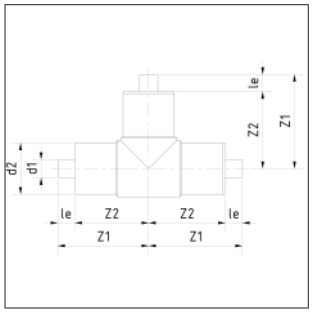
Art.code: PP/PE——DOB090KKKSIND—GR09515— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le (mm)	z1 (mm)	z2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	198	168	0.704	010025261	176,40
11	17	63	110	5.8	6.6	30	223	193	1.642	010025262	299,20
11	17	90	160	8.2	9.5	40	298	258	4.360	010025263	526,60
11	17	110	180	10	10.7	40	330	290	6.649	010025264	675,75
11	17	160	250	14.6	14.8	40	420	380	16.276	010025265	1.206,80
11	17	200	315	18.2	18.7	40	510	470	30.678	010025266	1.963,85
11	17	225	355	20.5	21.1	50	612	562	54.100	010025267	2.839,15

4.4.1



Product image for illustration purposes only.



Material
PP/PE

Colour
grey/black

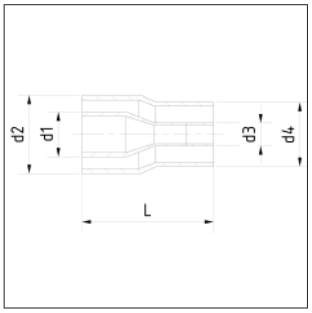
Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PP/PE——DOTS–KKKSIND—GR09515— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	172	142	1.088	010025289	276,55
11	17	63	110	5.8	6.6	30	196	166	2.366	010025290	449,35
11	17	90	160	8.2	9.5	40	256	216	6.300	010025291	712,65
11	17	110	180	10	10.7	40	310	270	9.884	010025292	969,90
11	17	160	250	14.6	14.8	40	343	303	20.094	010025293	1.803,80
11	17	200	315	18.2	18.7	40	401	361	39.979	010025294	2.698,00
11	17	225	355	20.5	21.1	50	473	423	54.137	010025295	3.788,95

SIMODUAL² Reducers concentric PP/PE





Product image for illustration purposes only.

Material
PP/PE

Colour
grey/black

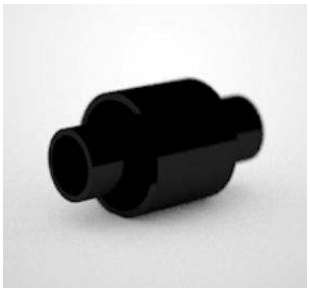
Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PP/PE——DORZ-KK—IND—GR09515— **0802**

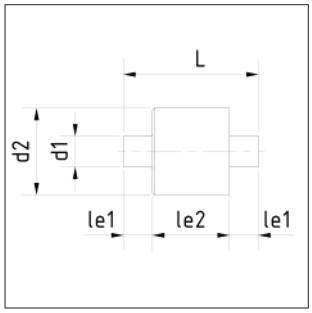
SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	e1 (mm)	e2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	63	110	32	90	5.8	6.6	0.706	010025306	237,65
11	17	90	160	63	110	8.2	9.5	1.651	010025307	278,60
11	17	110	180	63	110	10	10.7	2.327	010025308	341,70
11	17	110	180	90	160	10	10.7	2.905	010025309	387,30
11	17	160	250	90	160	14.6	14.8	5.446	010025310	465,60
11	17	160	250	110	180	14.6	14.8	6.055	010025311	561,10
11	17	200	315	110	180	18.2	18.7	46.129	010025312	969,55
11	17	200	315	160	250	18.2	18.7	11.467	010025313	694,30
11	17	225	355	160	250	20.5	21.1	32.393	010025314	1.285,45
11	17	225	355	200	315	20.5	21.1	38.278	010025315	1.333,25

SIMODUAL² Transition fitting PP/PE

4.4.1



Product image for illustration purposes only.



Material
PP/PE

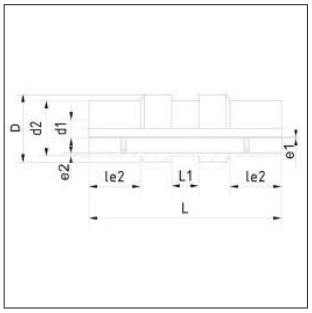
Colour
grey/black

Remark
Cascade welding, Interior: Heated-tool butt welding, Exterior: Electrofusion socket welding, For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PP/PE——DOUS-KKKS-IND—GR09515— **0802**

SDR	SDR2 (SDR)	e1 (mm)	e2 (mm)	le1 (mm)	le2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	3	5.4	30	80	0.400	010025324	302,55
11	17	5.8	6.6	30	85	0.610	010025325	328,85
11	17	8.2	9.5	40	105	1.630	010025326	397,70
11	17	10	10.7	40	110	2.120	010025327	550,30
11	17	14.6	14.8	40	130	4.750	010025328	671,05
11	17	18.2	18.7	40	150	8.700	010025329	750,20
11	17	20.5	21.1	50	165	12.400	010025330	861,05

SIMODUAL² Fixing Points for Pipe Clamp



Material
PP/PE

Colour
grey/black

Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding
For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PP/PE——DOFP-KKROSIND—GR09515— **0802**

SDR	SDR2 (SDR)	D (mm)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	Empty category (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	17	110	32	90	3	5.4	42	80	300	1.755	010025366	171,90
11	17	125	63	110	5.8	6.6	52	85	320	2.810	010025367	204,35
11	17	180	90	160	8.2	9.5	52	100	350	6.559	010025368	267,45
11	17	200	110	180	10	10.7	52	110	370	8.824	010025369	350,10
11	17	280	160	250	14.6	14.8	62	130	430	17.690	010025370	471,30
11	17	355	200	315	18.2	18.7	62	150	470	35.365	010025371	746,15
11	17	400	225	355	20.5	21.1	62	165	500	43.765	010025372	859,50

4.4.2 PP/PE Fittings with elongated spigots

SIMODUAL² Bends 45°, extended PP/PE 232

SIMODUAL² Bends 90°, extended PP/PE 233

SIMODUAL² Tees, extended PP/PE 234

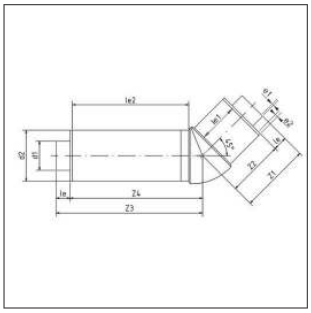
SIMODUAL² Leak adaptor piece PP/PE 235

SIMODUAL² Bends 45°, extended PP/PE

SIMONA

4.4.2





Product image for illustration purposes only.

Material
PP/PE

Colour
grey/black

Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding Fitting equipped with anchor points as standard For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

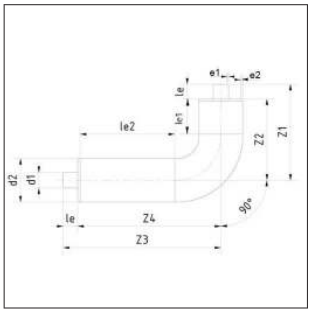
Art.code: PP/PE——DOB045KKLSIND—GR09515— **0802**

SDR	SDR2	d1	d2	e1	e2	le	le1	le2	z1	z2	z3	z4	kg/piece	Art. No.	€ / Stk
	(SDR)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
11	17	32	90	3	5.4	30	83	195	140	105	275	240	0.555	010025763	191,05
11	17	63	110	5.8	6.6	30	91	234	156	121	321	286	2.523	010025764	354,75
11	17	90	160	8.2	9.5	40	142	276	240	190	406	356	3.527	010025765	637,30
11	17	110	180	10	10.7	40	141	297	246	196	433	383	5.199	010025766	774,15
11	17	160	250	14.6	14.8	40	133	310	275	220	500	445	13.005	010025767	1.488,85
11	17	200	315	18.2	18.7	40	154	356	305	250	556	501	22.755	010025768	2.160,35
11	17	225	355	20.5	21.1	50	200	432	430	365	702	637	47.816	010025769	3.122,30

SIMODUAL² Bends 90°, extended PP/PE



Product image for illustration purposes only.



Material
PP/PE

Colour
grey/black

Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding
Fitting equipped with anchor points as standard
For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PP/PE——DOB090KKLSIND—GR09515— **0802**

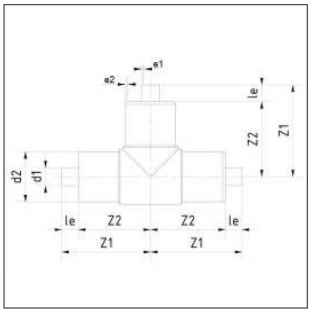
SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le (mm)	le1 (mm)	le2 (mm)	z1 (mm)	z2 (mm)	z3 (mm)	z4 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	68	195	198	168	325	295	0.759	010025749	194,75
11	17	63	110	5.8	6.6	30	73	234	223	193	384	354	1.822	010025750	346,90
11	17	90	160	8.2	9.5	40	81	276	298	258	493	453	4.200	010025751	579,30
11	17	110	180	10	10.7	40	115	305	340	300	585	545	7.004	010025752	743,35
11	17	160	250	14.6	14.8	40	109	310	420	380	691	651	18.306	010025753	1.327,40
11	17	200	315	18.2	18.7	40	135	356	510	470	731	691	34.308	010025754	2.160,35
11	17	225	355	20.5	21.1	50	167	432	612	562	877	827	51.806	010025755	3.121,75

SIMODUAL² Tees, extended PP/PE

SIMONA

4.4.2





Product image for illustration purposes only.

Material
PP/PE

Colour
grey/black

Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding Fitting equipped with anchor points as standard For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

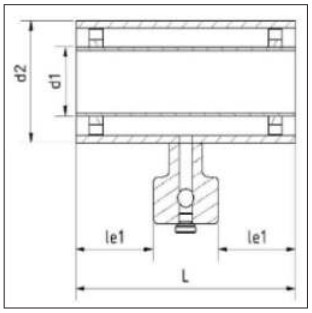
Art.code: PP/PE——DOTS–KKLSIND———— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	3	5.4	30	172	142	2.392	010025777	304,35
11	17	63	110	5.8	6.6	30	196	166	4.607	010025778	494,15
11	17	90	160	8.2	9.5	40	256	216	8.594	010025779	784,05
11	17	110	180	10	10.7	40	310	270	13.056	010025780	1.066,70
11	17	160	250	14.6	14.8	40	343	303	21.494	010025781	1.984,90
11	17	200	315	18.2	18.7	40	401	361	42.779	010025782	2.967,85
11	17	225	355	20.5	21.1	50	473	423	52.774	010025783	4.168,20

SIMODUAL² Leak adaptor piece PP/PE



Product image for illustration purposes only.



Material
PP/PE

Colour
grey/black

Remark
Cascade welding Interior: Heated-tool butt welding Exterior: Electrofusion socket welding Matching leakage monitoring systems available on request For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PP/PE——DOUS-KKKS-IND-LC-GR09515— **0802**

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	le1 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
11	17	32	90	80	260	1.940	010025352	175,50
11	17	63	110	90	280	2.978	010025353	186,05
11	17	90	160	100	300	6.353	010025354	216,15
11	17	110	180	110	320	11.961	010025355	243,55
11	17	160	250	130	360	17.517	010025356	325,10
11	17	200	315	150	400	26.681	010025357	439,35
11	17	225	355	170	440	35.174	010025358	502,45

SIMODUAL² Pipe Module PVDF/PE 238

SIMODUAL² Pipe Module PVDF/PE

SIMONA

4.5

Material
PE/PE

Colour

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PVDF/PE—DORO—IND—NA09516—

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	Length (mm)	kg/piece	Art. No.	€/m
21	17	32	90	2.4	5.4	5000	10.980	010041577	*
21	17	63	110	3	6.6	5000	19.390	010041579	*
21	17	90	160	4.3	9.5	5000	39.410	010041580	*
21	17	110	180	5.3	10.7	5000	51.594	010041601	*

* on request

SIMODUAL² PVDF/PE Bend 240
SIMODUAL² PVDF/PE Bend, elongated on one side 241
SIMODUAL² PVDF/PE Transition fitting, short 242
SIMODUAL² Fixing Points for Pipe Clamp PVDF/PE 243
SIMODUAL² PVDF/PE Tee 244
SIMODUAL² PVDF/PE Tee, elongated on one side 245
SIMODUAL² PVDF/PE Reducer concentric 246
SIMODUAL² PVDF/PE Adapter with leakage control, short 247

SIMODUAL² PVDF/PE Bend

SIMONA

4.6

Material
PE/PE

Colour

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PVDF/PE—DOBO45KKKSIND—NA09516—

SDR	SDR2	d1	d2	e1	e2	le1	z1	z2	kg/piece	Art. No.	€ / Stk
	(SDR)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
21	17	32	90	2.4	5.4	30	140	170	0.555	010041916	*
21	17	32	90	2.4	5.4	30	208	238	0.704	010041602	*
21	17	63	110	3	6.6	30	156	186	1.227	010041917	*
21	17	63	110	3	6.6	30	228	258	1.642	010041913	*
21	17	90	160	4.3	9.5	40	225	255	3.527	010041918	*
21	17	90	160	4.3	9.5	40	305	335	4.360	010041914	*
21	17	110	180	5.3	10.7	40	230	260	5.199	010041919	*
21	17	110	180	5.3	10.7	40	335	365	6.649	010041915	*

* on request

SIMODUAL² PVDF/PE Bend, elongated on one side

SIMONA

Material
PE/PE

Colour

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PVDF/PE—DOBO45KKLSIND—NA09516—

SDR	SDR2	d1	d2	e1	e2	le1	le2	z1	z2	z3	z4	kg/piece	Art. No.	€ / Stk
	(SDR)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
21	17	32	90	2.4	5.4	30	195	140	110	282	252	0.555	010041964	*
21	17	32	90	2.4	5.4	30	195	208	178	350	320	0.759	010041920	*
21	17	63	110	3	6.6	30	234	156	126	329	299	2.523	010041965	*
21	17	63	110	3	6.6	30	234	228	198	407	377	1.822	010041961	*
21	17	90	160	4.3	9.5	40	276	225	185	376	336	3.527	010041966	*
21	17	90	160	4.3	9.5	40	276	305	265	509	469	4.200	010041962	*
21	17	110	180	5.3	10.7	40	297	230	190	416	376	5.199	010041967	*
21	17	110	180	5.3	10.7	40	297	335	295	549	509	7.004	010041963	*

* on request

SIMODUAL² PVDF/PE Transition fitting, short

SIMONA

Material
PE/PE

Colour

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PVDF/PE—DOUS-KKKS-IND—NA09516—

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le1 (mm)	le2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
21	17	32	90	2.4	5.4	30	80	140	0.400	010041968	*
21	17	63	110	3	6.6	30	85	145	0.610	010041969	*
21	17	90	160	4.3	9.5	40	105	185	1.630	010041970	*
21	17	110	180	5.3	10.7	40	110	190	2.120	010041971	*

* on request

SIMODUAL² Fixing Points for Pipe Clamp PVDF/PE

Material
PE/PE

Colour

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PVDF/PE—DOFP-KKROSIND—SW09500—

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le2 (mm)	Empty category (mm)	kg/piece	Art. No.	€ / Stk
21	17	32	90	2.4	5.4	80	42	1.755	010041972	*
21	17	63	110	3	6.6	85	52	2.810	010041973	*
21	17	90	160	4.3	9.5	100	52	6.559	010041974	*
21	17	110	180	5.3	10.7	110	52	8.824	010041975	*

* on request

SIMODUAL² PVDF/PE Tee

SIMONA

4.6

Material
PE/PE

Colour

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PVDF/PE—DOTS–KKKSIND—NA09516—

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	e1 (mm)	e2 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	kg/piece	Art. No.	€ / Stk
21	17	32	90	2.4	5.4	30	172	142	1.120	010041976	*
21	17	63	110	3	6.6	30	195	165	2.200	010041977	*
21	17	90	160	4.3	9.5	40	250	210	5.500	010041978	*
21	17	110	180	5.3	10.7	40	305	265	8.580	010041979	*

* on request

SIMODUAL² PVDF/PE Tee, elongated on one side

SIMONA

Material
PE/PE

Colour

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PVDF/PE—DOTS–KKLSIND—NA09516—

SDR	SDR2	d1	d2	e1	e2	le1	z1	z2	z3	kg/piece	Art. No.	€ / Stk
	(SDR)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
21	17	32	90	2.4	5.4	30	172	202	311	1.440	010041980	*
21	17	63	110	3	6.6	30	195	225	370	2.830	010041981	*
21	17	90	160	4.3	9.5	40	250	290	407	7.150	010041982	*
21	17	110	180	5.3	10.7	40	305	345	484	10.870	010041983	*

* on request

SIMODUAL² PVDF/PE Reducer concentric

SIMONA

4.6

Material
PE/PE

Colour

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PVDF/PE—DORZ-KK–IND—NA09516—

SDR	SDR2 (SDR)	d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	e1 (mm)	e2 (mm)	Length (mm)	kg/piece	Art. No.	€ / Stk
21	17	32	90	63	110	2.4	5.4	185	0.706	010042452	*
21	17	63	110	90	160	3	6.6	252	1.651	010042454	*
21	17	63	110	110	180	3	6.6	275	2.327	010042455	*
21	17	90	160	110	180	4.3	9.5	279	0.706	010042456	*

* on request

SIMODUAL² PVDF/PE Adapter with leakage control, short

Material
PE/PE

Colour

Remark
Cascade welding; Interior: Heated-tool butt welding; Exterior: Electrofusion socket welding; Fitting equipped with anchor points as standard; For assembly instructions please have a look in our brochure "SIMODUAL² Industrial Double-Containment Piping System"

Art.code: PVDF/PE—DOUS-KKKS-IND-LC-NA09516—

SDR	SDR2	d1	d2	e1	e2	le1	Length	kg/piece	Art. No.	€ / Stk
	(SDR)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
21	17	32	90	2.4	5.4	80	260	1.940	010041984	*
21	17	63	110	3	6.6	90	280	2.978	010041985	*
21	17	90	160	4.3	9.5	100	300	6.353	010041986	*
21	17	110	180	5.3	10.7	110	320	11.961	010041987	*

* on request

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5 Flanges

5.1 Fittings for flange assemblies

5.1.1 Loose flanges

PP/Steel Loose flanges, ISO/DIN drilled 252

PP/Steel Loose flanges, ANSI drilled 254

PP/Steel Loose flanges, JIS drilled 255

Epoxy/Steel profile loose flanges, drilled as per ISO/DIN 256

PP/Steel Profiled loose flanges, ISO/DIN drilled 257

PP-EL/Steel Loose flanges, ISO/DIN drilled 258

PP/Steel Loose flanges for stub flanges for socket welding, ISO/DIN drilled 259

PP/Steel Loose flanges for stub flanges for socket welding, ANSI drilled 260

5.1.2 Blind flanges

PE 100 Blind flanges 262

PP/Steel Blind flanges, ISO/DIN drilled 263

5.1.3 Special flange connections

PE100 RCline special flange connection, short spigots, with round holes, EPDM gasket and RI-Flange, short reduction length for using an open-end wrench 266

PE100 RCline special flange connection, short spigots, with round holes, EPDM gasket and RI-Flange, medium reduction length for using a ratchet 267

PE100 RCline special flange connection, short spigots, with round holes, EPDM gasket and RI-Flange, long reduction length for inserting a screw 268

PE100 RCline special flange connection, long spigots, with round holes, EPDM gasket and RI-Flange, short reduction length for using an open-end wrench 269

PE100 RCline special flange connection, long spigots, with round holes, EPDM gasket and RI-Flange, medium reduction length for using a ratchet 270

PE100 RCline special flange connection, long spigots, with round holes, EPDM gasket and RI-Flange, long reduction length for inserting a screw 271

PE 100 RC Safety Intelligence Flange connections, short, Rilsan 272

PE 100 Special flange connections, with round holes, EPDM seal and plastic coated Flange 273

PE 100 RC Safety Intelligence Flange connections, enlongated, Rilsan 274

PE 100 Special flange connections elongated, with round holes, EPDM seal and plastic coated Flange 275

PE 100 Special flange connections extra long, with round holes, EPDM seal and plastic coated Flange 276

PE 100 RC Full face flanges, injected 277

5.1.4 Gaskets

EPDM SI Profile gaskets for SI Flange connections 280

EPDM Flat gaskets for stub flanges 281

5 Flanges

EPDM Profile gaskets for stub flanges 283
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NBR Profile gaskets for stub flanges 286
FPM Profile gaskets for stub flanges 287
FPM Flat gasket for stub flanges for socket welding 289
FPM Profile gaskets for stub flanges for socket welding 290

5.2 Accessories

Pipe clamps type B 292
Pipe clamps type C 293
Filling blocks for pipe clamps type B/type C 294

5 Flanges

5.1 Fittings for flange assemblies

5.1.1 Loose flanges

PP/Steel Loose flanges, ISO/DIN drilled 252

PP/Steel Loose flanges, ANSI drilled 254

PP/Steel Loose flanges, JIS drilled 255

Epoxy/Steel profile loose flanges, drilled as per ISO/DIN 256

PP/Steel Profiled loose flanges, ISO/DIN drilled 257

PP-EL/Steel Loose flanges, ISO/DIN drilled 258

PP/Steel Loose flanges for stub flanges for socket welding, ISO/DIN drilled 259

PP/Steel Loose flanges for stub flanges for socket welding, ANSI drilled 260

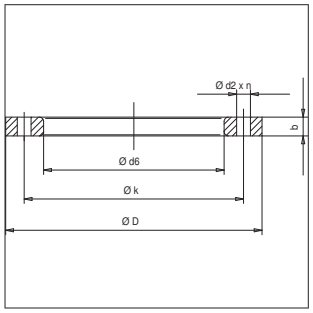
PP/Steel Loose flanges, ISO/DIN drilled

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5.1.1



Product image for illustration purposes only.



Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Dimensions
DIN EN ISO 15494/C, drilled PN 10/16 acc. to DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
Drilled PN 10/16 up to d 180 mm, > 180 mm drilled PN 10

Art.code: schwarz/black/noir PP———LF—FLA—DN-SW09500— 0330

PN (bar)	d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	d6 (mm)	Load PN	Drilled PN	kg/piece	Art. No.	€ / Stk
16	20	15	14	4	12	95	65	27.5	16	10/16	0.251	**013000021**	17,35
16	25	20	14	4	12	105	75	34	16	10/16	0.315	**013000022**	19,45
16	32	25	14	4	16	115	85	42	16	10/16	0.455	**013000023**	24,05
16	40	32	18	4	18	140	100	50.5	16	10/16	0.700	**013000024**	28,50
16	50	40	18	4	18	150	110	61.5	16	10/16	0.789	**013000025**	34,60
16	63	50	18	4	17	165	125	77.5	16	10/16	0.880	**013000026**	43,10
16	75	65	18	4	22	185	145	91.5	16	10/16	1.296	**013000027**	48,70
16	90	80	18	8	20	200	160	108	16	10/16	1.220	**013000028**	58,35
16	110	100	18	8	20	223	180	128	16	10/16	1.509	**013000029**	79,75
16	125	100	18	8	20	223	180	134.5	16	10/16	1.525	**013000030**	79,75
16	140	125	18	8	24	250	210	157.5	16	10/16	2.393	**013000031**	99,90
16	160	150	22	8	24	285	240	178	16	10/16	3.500	**013000032**	122,90
16	180	150	22	8	24	285	240	187.5	16	10/16	3.184	**013000033**	122,90
10	200	200	22	8	24	340	295	235.5	10	10	4.500	**013000034**	177,65
10	225	200	22	8	24	340	295	238	10	10	4.142	**013000035**	177,65
10	250	250	22	12	30	403	350	287.5	10	10	7.288	**013000036**	215,65
10	280	250	22	12	30	405	350	294	10	10	6.350	**013000037**	215,65
10	315	300	22	12	34	460	400	337.5	10	10	9.855	**013000038**	330,00
10	355	350	22	16	39	505	460	376	10	10	15.581	**013000039**	624,35
10	400	400	26	16	44	570	515	429.5	10	10	19.885	**013000040**	710,45
10	450	500	26	20	44	670	620	517	10	10	26.008	**013000041**	994,15
10	500	500	26	20	44	670	620	532.5	10	10	25.308	**013000042**	994,15

d 20 up d 225 also for PVDF piping systems

Art.code: grau/grey/gris PP———LF—FLA—DN-GR09300— 0330

PN (bar)	d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	d6 (mm)	Load PN	Drilled PN	kg/piece	Art. No.	€ / Stk
16	20	15	14	4	12	95	65	27.5	16	10/16	0.249	**013000001**	17,35
16	25	20	14	4	12	105	75	34	16	10/16	0.279	**013000002**	19,45
16	32	25	14	4	16	115	85	42	16	10/16	0.469	**013000003**	24,05
16	40	32	18	4	18	140	100	50.5	16	10/16	0.684	**013000004**	28,50
16	50	40	18	4	18	150	110	61.5	16	10/16	0.788	**013000005**	34,60
16	63	50	18	4	17	165	125	77.5	16	10/16	0.919	**013000006**	43,10
16	75	65	18	4	22	185	145	91.5	16	10/16	1.255	**013000007**	48,70
16	90	80	18	8	20	200	160	108	16	10/16	1.317	**013000008**	58,35
16	110	100	18	8	20	223	180	128	16	10/16	1.567	**013000009**	79,75
16	125	100	18	8	20	223	180	134.5	16	10/16	1.551	**013000010**	79,75
16	140	125	18	8	24	250	210	157.5	16	10/16	2.342	**013000011**	99,90
16	160	150	22	8	24	285	240	177.5	16	10/16	3.659	**013000012**	122,90
16	180	150	22	8	24	285	240	188	16	10/16	3.091	**013000013**	122,90
10	200	200	22	8	24	340	295	235.5	10	10	4.744	**013000014**	177,65

* on request
d 20 up d 225 also for PVDF piping systems

PP/Steel Loose flanges, ISO/DIN drilled

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Art.code: grau/grey/gris PP———LF—FLA—DN-GR09300— 0330 5.1.1

PN (bar)	d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	d6 (mm)	Load PN	Drilled PN	kg/piece	Art. No.	€ / Stk
10	225	200	22	8	24	340	295	238	10	10	4.168	**013000015**	177,65
10	250	250	22	12	30	403	350	288	10	10	7.140	**013000016**	215,65
10	280	250	22	12	30	405	350	294	10	10	7.057	**013000017**	215,65
10	315	300	22	12	34	462	400	337.5	10	10	10.104	**013000018**	330,00
10	355	350	22	16	39	505	460	376	10	10	15.529	**013000019**	624,35
10	400	400	26	16	44	570	515	429.5	10	10	19.886	**013000020**	710,45
10	450		26		44	670	620	517		10	25.823	013000207	*
10	500		26		44	670	620	532.5		10	25.344	013000208	*

* on request
d 20 up d 225 also for PVDF piping systems

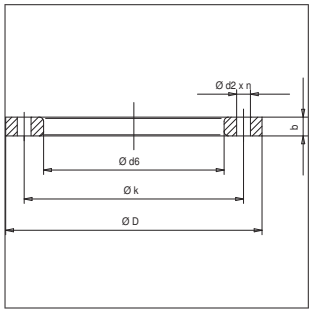
PP/Steel Loose flanges, ANSI drilled

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5.1.1



Product image for illustration purposes only.



Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Colour
grey

Dimensions
ANSI B 16.5 150 lbs

Remark
Drilled for ANSI B16.5 - 150 lbs d20 - d90 + d450 special ANSI stub flange required

Art.code: PP———LF—FLA—AN-GR09300— **0330**

d (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	d6 (mm)	Load PN	Load lbs	Connection inch (")	kg/piece	Art. No.	€ / Stk
20	15.9	4	12	93	60.3	28	10	150	1/2	0.219	**013000047**	27,60
25	15.9	4	12	105	69.8	33.5	10	150	3/4	0.265	**013000048**	32,60
32	15.9	4	16	112	79.4	41.5	10	150	1	0.445	**013000049**	38,90
40	15.9	4	16	130	88.9	50.5	10	150	1 1/4	0.602	**013000050**	45,90
50	15.9	4	18	132	98.4	61.5	10	150	1 1/2	0.660	**013000051**	55,50
63	20	4	18	160	120.6	77.5	10	150	2	0.827	**013000052**	67,30
75	19	4	18	178	139.7	88.5	10	150	2 1/2	1.184	**013000053**	84,40
90	19	4	18	190	152.4	107.5	10	150	3	1.083	**013000054**	94,95
110	19	8	18	229	190.5	133	10	150	4	1.766	**013000055**	117,05
160	22	8	24	279	241.3	181.5	10	150	6	2.602	**013000056**	215,00
200	22	8	24	342.9	298.4	235.5	10	150	8	4.811	**013000057**	313,45
250	25	12	30	406	361.9	293	10	150	10	6.024	**013000058**	411,40
315	25.4	12	34	483	431.8	337.5	10	150	12	12.213	**013000059**	609,65
355	28.6	12	38	540	476.2	375.5	10	150	14	19.160	**013000074**	1.154,30
400	28.6	16	44	597	539.7	429	10	150	16	25.075	**013000209**	1.314,00
450	31.7	16	49	640	577.8	462.3	10	150	18	36.018	010037186	1.654,70
500	31.7	20	51	708	635	540	10	150	20	37.773	**010022575**	1.654,70

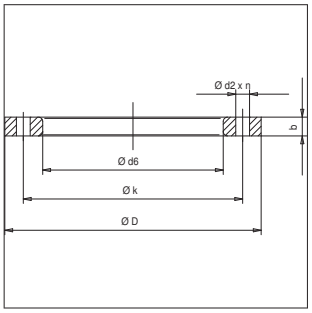
d 20 up d 200 also for PVDF piping systems;
d 110 mm (4") also for d 125 mm (4");
d 140 mm (ISO/DIN) also for d 140 mm (ANSI 5"), by using bolts ISO/DIN;
d 160 mm (6") also for d 180 mm (6");
d 200 mm (8") also for d 225 mm (8");
d 250 mm (10") also for d 280 mm (10")

PP/Steel Loose flanges, JIS drilled

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Product image for illustration purposes only.



Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Dimensions
JIS B 2220 - 10 K

Remark
Drilled for JIS B 2220 - 10 K

Art.code: grau/grey/gris PP———LF—FLA—JI-GR09300— **0330**

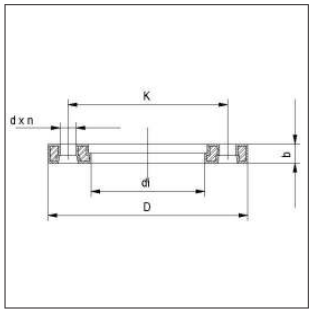
d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	d6 (mm)	PN (bar)	Load K	kg/piece	Art. No.	€ / Stk
20	15	15	4	12	95	70	28	16	10	0.185	**013000326**	27,60
25	20	15	4	12	100	75	34.5	16	10	0.230	**013000327**	32,60
32	25	19	4	16	125	90	42.5	16	10	0.469	**013000328**	38,90
40	32	19	4	18	135	100	51	16	10	0.578	**013000329**	45,90
50	40	19	4	18	140	105	62	16	10	0.727	**013000330**	55,50
63	50	19	4	18	155	120	78	16	10	0.803	**013000331**	67,30
75	65	19	4	18	175	140	92	16	10	1.166	**013000332**	84,40
90	80	19	8	18	185	150	108	16	10	1.120	**013000333**	94,95
110	100	19	8	20	210	175	134	16	10	0.805	**013000334**	117,05
140	125	23	8	24	250.5	210	158	16	10	2.310	**013000335**	166,35
160	150	22.5	8	24	280	240	178	16	10	3.103	**013000336**	215,00
225	200	23	12	24	330	290	240	16	10	3.504	**013000337**	411,40

d 110 also applicable for d 125

Epoxy/Steel profile loose flanges, drilled as per ISO/DIN

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5.1.1



Material
steel insert with epoxy coating

Colour
black

Dimensions
drilled PN 10/16 acc. to, DIN EN 1092/1
(replaces ISO/DIN 2501)

Art.code: EPOXY——LF—PRO—DN-SW09500— **0331**

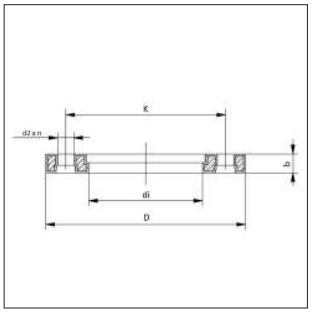
d (mm)	DN (mm)	Amount n	D (mm)	di (mm)	k (mm)	b (mm)	Drilled PN	Load PN	kg/piece	Art. No.	€ / Stk
710	700	24	900	740	840	45	10	6	36.400	010030399	2.107,45
800	800	24	1015	843	950	53	10	6	50.500	010030400	3.033,40
900	900	28	1115	947	1050	56	10	6	55.800	010030401	3.401,55
1000	1000	28	1230	1050	1160	62	10	6	71.100	010030402	4.390,00
1200	1200	32	1455	1260	1380	68	10	4	101.000	010030403	6.361,35

PP/Steel Profiled loose flanges, ISO/DIN drilled

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Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Colour
black

Dimensions
DIN EN ISO 15494/C, drilled PN 10/16 acc. to DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
flat side = connection with bolts, shaped side = connection for stub flange

Art.code: PP———LF—PRO—DN-SW09500— **0331**

d (mm)	DN (mm)	Amount n	D (mm)	di (mm)	k (mm)	b (mm)	Drilled PN	Load PN	kg/piece	Art. No.	€ / Stk
50	40	4	154	61,5	110	17	10/16	16	1.186	013000253	34,60
63	50	4	169	77,5	125	17	10/16	16	1.053	**013000254**	43,10
75	65	4	189	91,5	145	17	10/16	16	1.696	013000255	48,70
90	80	8	203	107,5	160	18	10/16	16	1.348	**013000256**	58,35
110	100	8	223	127,5	180	20	10/16	16	1.721	**013000257**	79,75
125	100	8	223	134,5	180	20	10/16	16	1.611	013000258	79,75
140	125	8	254	157,5	210	21	10/16	16	2.432	013000259	99,90
160	150	8	289	177,5	240	23	10/16	16	2.524	**013000260**	122,90
180	150	8	290	187,5	240	23	10/16	16	3.453	013000261	122,90
200	200	12	344	235	295	28	16	16	3.843	**013000262**	186,80
225	200	12	344	238	295	28	16	16	3.666	**013000263**	186,80
250	250	12	410	288	355	33	16	16	5.696	**013000264**	226,95
280	250	12	410	294	355	33	16	16	5.905	**013000265**	226,95
315	300	12	467	338	410	40	16	16	9.718	**013000266**	346,75
355	350	16	531	376	470	50	16	16	14.998	**013000267**	655,85
400	400	16	595	430	525	54	16	16	18.395	**013000268**	746,45
450	500	20	692	517	620	54	10	10	23.550	013000287	994,15
450	500	20	731	517	650	59	16	16	23.550	**010037454**	1.098,40
500	500	20	685	533	620	54	10	10	23.568	**013000288**	994,15
500	500	20	731	533	650	59	16	16	23.568	**010037455**	1.098,40
560	600	20	810	618	725	65	10	10	34.753	**013000289**	1.783,50
560	600	20	858	618	770	68	16	16	34.753	**010037456**	1.970,55
630	600	20	810	645	725	66	10	10	29.124	**013000290**	1.783,50
630	600	20	858	645	770	68	16	16	29.124	**010037457**	1.970,55
710	700	24	912	740	840	49	10	6	28.600	**010030404**	3.927,25
800	800	24	1026	843	950	58	10	6	39.300	**010030405**	5.683,95
900	900	28	1129	947	1050	62	10	6	48.500	**010030406**	6.685,30
1000	1000	28	1245	1050	1160	70	10	6	60.000	**010030407**	10.337,15

designed for PN 16; Flanges PN 10, see PP/Steel Loose flanges

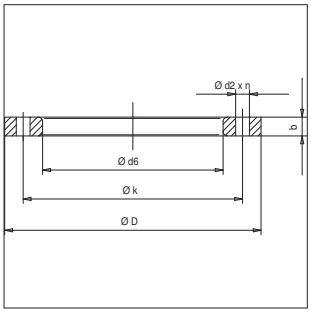
PP-EL/Steel Loose flanges, ISO/DIN drilled

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5.1.1



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Material
PP-EL electrically conductive, with steel insert

Colour
black

Dimensions
DIN EN ISO 15494/C

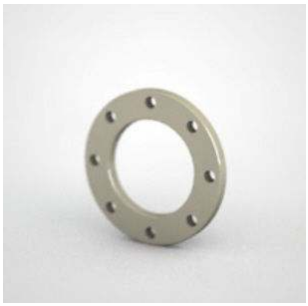
Remark
Drilled PN 10/16 up to d 180 mm, > 180 mm drilled PN 10

Art.code: PP—EL—LF—FLA—DN-SW09500— **0333**

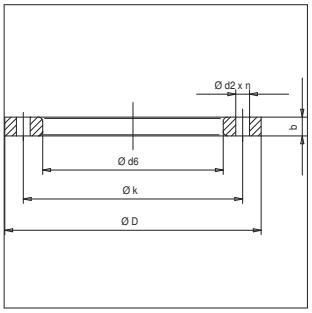
d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	d6 (mm)	Drilled PN	Load PN	kg/piece	Art. No.	€ / Stk
32	25	14	4	16	115	85	42	10/16	16	0.473	**013000081**	40,90
40	32	18	4	18	140	100	50.5	10/16	16	0.705	**013000082**	48,15
50	40	18	4	18	150	110	61.5	10/16	16	0.811	**013000083**	58,85
63	50	18	4	17	165	125	77.5	10/16	16	0.923	**013000084**	72,70
75	65	18	4	18	185	145	91.5	10/16	16	1.282	**013000085**	82,65
90	80	18	8	20	200	160	108	10/16	16	1.343	**013000086**	98,85
110	100	18	8	20	223	180	128	10/16	16	1.630	**013000087**	135,10
125	100	18	8	20	220	180	134.5	10/16	16	1.592	**013000088**	135,10
140	125	18	8	24	250	210	157.5	10/16	16	2.403	013000089	169,35
160	150	22	8	24	285	240	178	10/16	16	3.664	**013000090**	209,00
180	150	22	8	24	285	240	187.5	10/16	16	3.192	013000091	209,00
200	200	22	8	24	340	295	236.5	10	10	4.775	013000092	301,65
225	200	22	8	24	340	295	239.5	10	10	4.235	**013000093**	301,65
250	250	22	12	30	409	350	288	10	10	7.270	**013000094**	366,25
315	300	23	12	34	463	400	338	10	10	9.947	013000096	560,45
355	350	22	16	39	505	460	375.5	10	10	15.581	013000097	1.060,00
400	400	26	16	44	567	515	429.5	10	10	20.445	013000240	1.207,05
450	450	26	20	44	670	620	516.5	10	10	25.150	013000350	1.687,85
500	500	26	20	44	670	620	532.5	10	10	25.970	013000351	1.687,85

PP/Steel Loose flanges for stub flanges for socket welding, ISO/DIN drilled

SIMONA



Product image for illustration purposes only.



Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Dimensions
DIN EN ISO 15494/C

Remark
For diameters 20 up to 75 ISO/DIN loose flanges for stub flanges can be used

Art.code: grau/grey/gris PP———LF—MSFLA—DN-GR09300— **0330**

d (mm)	D (mm)	d2 (mm)	Amount n	b (mm)	k (mm)	DN (mm)	d6 (mm)	Drilled PN	Load PN	kg/piece	Art. No.	€ / Stk
90	200	18	8	20	160	80	110	10/16	16	1.303	013000043	58,35
110	220	18	8	20	180	100	133	10/16	16	1.509	013000044	79,75

Art.code: schwarz/black/noir PP———LF—MSFLA—DN-SW09500— **0330**

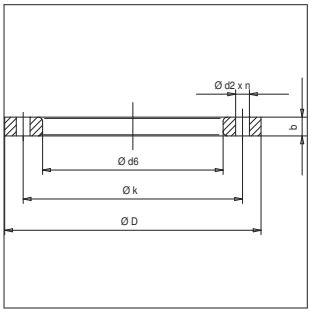
d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	d6 (mm)	Drilled PN	Load PN	kg/piece	Art. No.	€ / Stk
90	80	18	8	20	200	160	110	10/16	16	1.284	**013000045**	58,35
110	100	18	8	20	220	180	133	10/16	16	1.514	**013000046**	79,75

PP/Steel Loose flanges for stub flanges for socket welding, ANSI drilled

5.1.1



Product image for illustration purposes only.



Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Colour
black

Remark
Drilled acc. to ANSI B 16,5 - 150lbs, for diameters 20 up to 75 loose flanges for stub flanges, ANSI drilled can be used

Art.code: PP———LF—MSFLA—AN-SW09500— **0330**

d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	d6 (mm)	Load lbs	Connection Inch (")	kg/piece	Art. No.	€ / Stk
90	80	19	8	18	190	152.4	107.5	150	3	0.821	013000410	94,95
110	100	18	8	18	227	190.5	127.5	150	4	1.741	013000411	117,05

d 90 up d 110 also for PVDF piping systems

5.1.2 Blind flanges

PE 100 Blind flanges 262

PP/Steel Blind flanges, ISO/DIN drilled 263

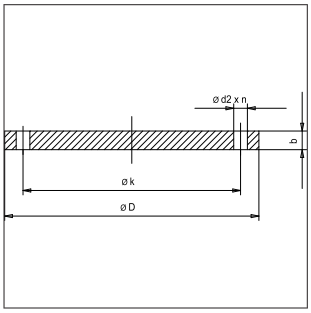
PE 100 Blind flanges

SIMONA

5.1.2



Product image for illustration purposes only.



Material
PE 100

Colour
black

Execution
drilled for DIN EN 1092/1 (replaces DIN 2501), only for non-pressure operation

Art.code: PE0100—BF——SP–DN-SW09500— **0132**

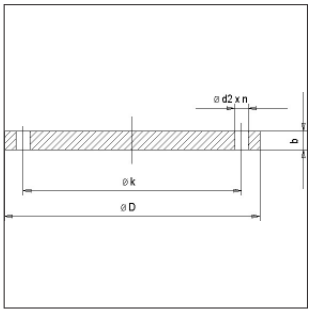
d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	kg/piece	Art. No.	€ / Stk
90	80	18	8	25	200	160	0.765	013100069	119,50
110	100	18	8	25	225	180	1.100	013100070	120,00
125	100	18	8	25	225	180	1.100	013100071	127,15
140	125	18	8	25	250	210	1.400	013100072	133,75
160	150	22	8	30	287	240	1.700	013100001	148,75
180	150	22	8	30	287	240	1.800	013100073	167,85
200	200	22	8	30	340	295	2.800	013100074	172,45
225	200	22	8	30	340	295	2.800	013100075	172,45
250	250	22	12	30	409	350	3.800	013100076	242,60
280	250	22	12	30	409	350	3.800	013100077	242,60
315	300	22	12	40	463	400	6.580	013100078	336,80
355	350	22	16	40	515	460	7.200	013100079	432,50
400	400	25	16	40	574	515	9.000	013100080	561,30

PP/Steel Blind flanges, ISO/DIN drilled

SIMONA



Product image for illustration purposes only.



Material
Polypropylene (PP) with glass-fibre reinforcement, steel insert

Colour
black, grey on request

Dimensions
DIN EN ISO 15494/C, drilled PN 10, DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
Drilled PN 10/16 up to d 180 mm

Art.code: PP———BF——FG–DN-SW09500— **0332**

d (mm)	DN (mm)	d2 (mm)	Amount n	b (mm)	D (mm)	k (mm)	Drilled PN	Load PN	kg/piece	Art. No.	€ / Stk
20	15	14	4	12	95	65	10/16	10	0.290	013100003	108,60
25	20	18	4	14	108	75	10/16	10	0.380	013100004	109,40
32	25	14	4	18	115	85	10/16	10	0.656	**013100005**	112,40
40	32	18	4	17	140	100	10/16	10	0.830	013100006	115,60
50	40	18	4	18	150	110	10/16	10	1.199	**013100007**	136,10
63	50	18	4	18	165	125	10/16	10	1.366	**013100008**	147,80
75	65	18	4	18	185	145	10/16	10	1.699	**013100009**	173,10
90	80	18	8	20	200	160	10/16	10	2.223	**013100010**	187,40
110	100	18	8	20	220	180	10/16	10	2.907	**013100011**	236,85
125	100	18	8	20	220	180	10/16	10	2.959	**013100012**	236,85
140	125	18	8	24	250	210	10/16	10	4.449	**013100013**	313,55
160	150	22	8	22	285	240	10/16	10	7.383	**013100014**	388,35
180	150	22	8	24	285	240	10/16	10	7.421	**013100015**	388,35
200	200	22	8	24	340	295	10	10	11.037	**013100016**	432,90
225	200	22	8	24	340	295	10	10	10.988	**013100017**	432,90
250	250	22	12	30	395	350	10	10	16.699	**013100018**	576,60
280	250	22	12	30	395	350	10	10	16.699	**013100019**	576,60
315	300	22	12	34	445	400	10	10	25.299	**013100020**	834,45
355	350	22	16	40	510	460	10	10	39.000	**013100021**	1.663,45
400	400	26	16	45	565	515	10	10	50.400	**013100022**	1.901,25

5.1.3 Special flange connections

PE100 RCline special flange connection, short spigots, with round holes, EPDM gasket and RI-Flange, short reduction length for using an open-end wrench 266

PE100 RCline special flange connection, short spigots, with round holes, EPDM gasket and RI-Flange, medium reduction length for using a ratchet 267

PE100 RCline special flange connection, short spigots, with round holes, EPDM gasket and RI-Flange, long reduction length for inserting a screw 268

PE100 RCline special flange connection, long spigots, with round holes, EPDM gasket and RI-Flange, short reduction length for using an open-end wrench 269

PE100 RCline special flange connection, long spigots, with round holes, EPDM gasket and RI-Flange, medium reduction length for using a ratchet 270

PE100 RCline special flange connection, long spigots, with round holes, EPDM gasket and RI-Flange, long reduction length for inserting a screw 271

PE 100 RC Safety Intelligence Flange connections, short, Rilsan 272

PE 100 Special flange connections, with round holes, EPDM seal and plastic coated Flange 273

PE 100 RC Safety Intelligence Flange connections, enlongated, Rilsan 274

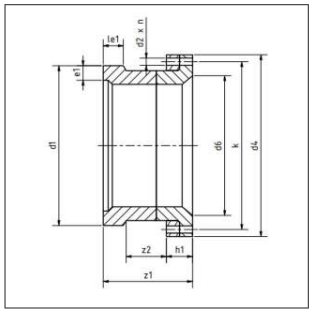
PE 100 Special flange connections elongated, with round holes, EPDM seal and plastic coated Flange 275

PE 100 Special flange connections extra long, with round holes, EPDM seal and plastic coated Flange 276

PE 100 RC Full face flanges, injected 277

PE100 RCline special flange connection, short spigots, with round holes, EPDM gasket and RI-Flange, short reduction length for using an open-end wrench (SDR 17/11)

5.1.3



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed, dismountable

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501), PN 10

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

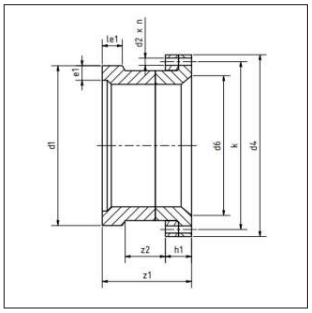
Art.code: PE0100-RC—SFV-KKSEPDRIRL—SW09500— **0125**

SDR	PN (bar)	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	e1 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	h1 (mm)	k (mm)	Amount n	Art. No.	€ / Stk
11	16	710	600	36	840	64.5	65	249	70	105	770	20	010060358	4.730,10
11	10	800	700	30	895	72.7	71	261	70	107	840	24	010060359	4.649,15
11	16	800	700	36	910	72.7	71	268	70	112	840	24	010060361	5.759,65
11	10	900	800	33	1015	81.8	78	290	80	121	950	24	010060362	5.179,05
11	16	900	800	39	1025	81.8	77	294	80	124	950	24	010060364	7.487,75
11	10	1000	900	33	1115	90.9	84	304	80	129	1050	28	010060365	6.906,85
11	16	1000	900	39	1125	90.9	88	320	80	139	1050	28	010060368	9.092,65
17	10	800	700	30	895	47.4	53	224	70	88	840	24	010060360	4.164,65
17	10	900	800	33	1015	53.3	58	248	80	99	950	24	010060363	4.912,85
17	10	1000	900	33	1115	59.3	62	257	80	104	1050	28	010060366	5.869,15
17	10	1200	1000	36	1230	71.1	70	303	80	116	1160	28	010060370	12.633,40

PE100 RCline special flange connection, short spigots, with round holes, EPDM gasket and RI-Flange, medium reduction length for using a ratchet

(SDR 17/11)

SIMONA



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed, dismountable

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501), PN 10

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

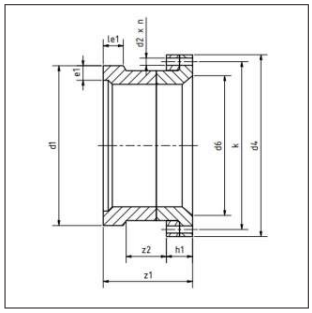
Art.code: PE0100-RC—SFV-MKSEPDRIRL—SW09500— **0125**

SDR	PN (bar)	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	e1 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	h1 (mm)	k (mm)	Amount n	Art. No.	€ / Stk
11	16	710	600	36	840	64.5	65	309	130	105	770	20	010060371	4.947,85
11	10	800	700	30	895	72.7	71	326	135	107	840	24	010060372	5.076,60
11	16	800	700	36	910	72.7	71	347	150	112	840	24	010060374	6.319,15
11	10	900	800	33	1015	81.8	78	355	145	121	950	24	010060375	5.634,05
11	16	900	800	39	1025	81.8	77	374	160	124	950	24	010060377	8.292,60
11	10	1000	900	33	1115	90.9	84	379	155	129	1050	28	010060378	7.623,25
11	16	1000	900	39	1125	90.9	88	410	170	139	1050	28	010060380	10.146,25
17	10	800	700	30	895	47.4	53	289	135	88	840	24	010060373	4.476,50
17	10	900	800	33	1015	53.3	58	313	145	99	950	24	010060376	5.253,75
17	10	1000	900	33	1115	59.3	62	332	155	104	1050	28	010060379	6.360,75
17	10	1200	1000	36	1230	71.1	70	388	165	116	1160	28	010060381	14.015,85

PE100 RCline special flange connection, short spigots, with round holes, EPDM gasket and RI-Flange, long reduction length for inserting a screw

(SDR 17/11)

5.1.3



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed, dismountable

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501), PN 10

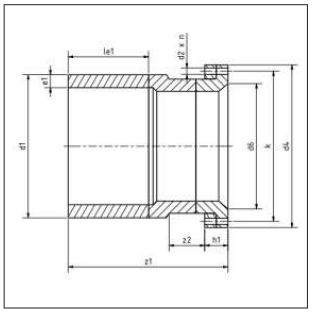
Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

Art.code: PE0100-RC—SFV-LKSEPDRIRL—SW09500— **0125**

SDR	PN (bar)	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	e1 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	h1 (mm)	k (mm)	Amount n	Art. No.	€ / Stk
11	16	710	600	36	840	64.5	65	404	225	105	770	20	010060382	5.675,35
11	10	800	700	30	895	72.7	71	416	225	107	840	24	010060383	5.690,80
11	16	800	700	36	910	72.7	71	437	240	112	840	24	010060385	7.049,35
11	10	900	800	33	1015	81.8	78	465	255	121	950	24	010060386	6.403,95
11	16	900	800	39	1025	81.8	77	484	270	124	950	24	010060388	9.407,90
11	10	1000	900	33	1115	90.9	84	494	270	129	1050	28	010060389	8.713,05
11	16	1000	900	39	1125	90.9	88	540	300	139	1050	28	010060391	11.638,30
17	10	800	700	30	895	47.4	53	359	205	88	840	24	010060384	5.035,10
17	10	900	800	33	1015	53.3	58	403	235	99	950	24	010060387	6.040,30
17	10	1000	900	33	1115	59.3	62	417	240	104	1050	28	010060390	7.207,00
17	10	1200	1000	36	1230	71.1	70	478	255	116	1160	28	010060392	14.781,95

PE100 RCline special flange connection, long spigots, with round holes, EPDM gasket and RI-Flange, short reduction length for using an open-end wrench

(SDR 17/11)



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed, dismountable

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501), PN 10

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

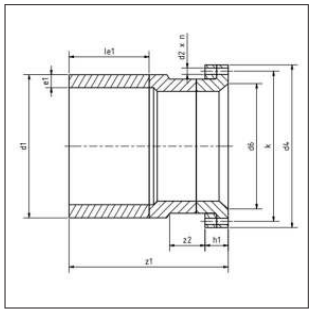
Art.code: PE0100-RC--SFV-KLSEPDRIRL--SW09500-- **0125**

SDR	PN (bar)	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	e1 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	h1 (mm)	k (mm)	Amount n	Art. No.	€ / Stk
11	16	710	600	36	840	64.5	450	699	70	105	770	20	010060393	6.150,30
11	10	800	700	30	895	72.7	450	711	70	107	840	24	010060394	6.245,20
11	16	800	700	36	910	72.7	450	717	70	112	840	24	010060396	7.108,75
11	10	900	800	33	1015	81.8	450	740	80	121	950	24	010060397	7.135,85
11	16	900	800	39	1025	81.8	450	744	80	124	950	24	010060399	10.064,15
11	10	1000	900	33	1115	90.9	450	754	80	129	1050	28	010060400	9.355,65
11	16	1000	900	39	1125	90.9	450	770	80	139	1050	28	010060402	12.048,05
17	10	800	700	30	895	47.4	450	674	70	88	840	24	010060395	5.337,45
17	10	900	800	33	1015	53.3	450	698	80	99	950	24	010060398	6.496,10
17	10	1000	900	33	1115	59.3	450	707	80	104	1050	28	010060401	7.782,40
17	10	1200	1000	36	1230	71.1	450	753	80	116	1160	28	010060403	15.186,30

PE100 RCline special flange connection, long spigots, with round holes, EPDM gasket and RI-Flange, medium reduction length for using a ratchet

(SDR 17/11)

5.1.3



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed, dismountable

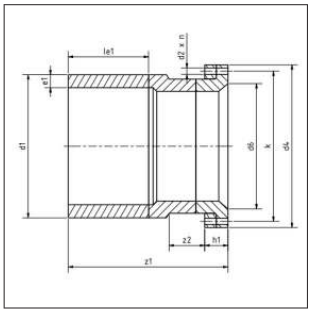
Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501), PN 10

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

Art.code: PE0100-RC—SFV-MLSEPDRIRL—SW09500— **0125**

SDR	PN (bar)	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	e1 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	h1 (mm)	k (mm)	Amount n	Art. No.	€ / Stk
11	16	710	600	36	840	64.5	450	759	130	105	770	20	010060404	6.510,15
11	10	800	700	30	895	72.7	450	776	135	107	840	24	010060405	6.672,65
11	16	800	700	36	910	72.7	450	797	150	112	840	24	010060407	7.668,15
11	10	900	800	33	1015	81.8	450	805	145	121	950	24	010060408	7.590,85
11	16	900	800	39	1025	81.8	450	824	160	124	950	24	010060410	10.869,05
11	10	1000	900	33	1115	90.9	450	829	155	129	1050	28	010060411	10.072,05
11	16	1000	900	39	1125	90.9	450	860	170	139	1050	28	010060413	13.101,70
17	10	800	700	30	895	47.4	450	739	135	88	840	24	010060406	5.544,20
17	10	900	800	33	1015	53.3	450	763	145	99	950	24	010060409	6.564,30
17	10	1000	900	33	1115	59.3	450	782	154	104	1050	28	010060412	7.981,80
17	10	1200	1000	36	1230	71.1	450	838	165	116	1160	28	010060414	16.238,85

PE100 RCline special flange connection, long spigots, with round holes, EPDM gasket and RI-Flange, long reduction length for inserting a screw (SDR 17/11)



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed, dismountable

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501), PN 10

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

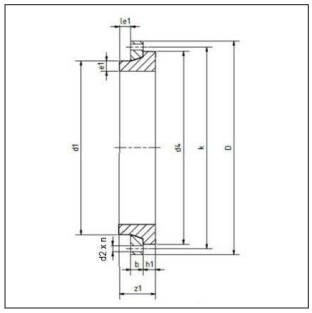
Art.code: PE0100-RC—SFV-LLSEPDRIRL—SW09500— **0125**

SDR	PN (bar)	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	e1 (mm)	le1 (mm)	z1 (mm)	z2 (mm)	h1 (mm)	k (mm)	Amount n	Art. No.	€ / Stk
11	16	710	600	36	840	64.5	450	854	225	105	770	20	010060415	7.095,55
11	10	800	700	30	895	72.7	450	866	225	107	840	24	010060416	7.286,85
11	16	800	700	36	910	72.7	450	887	240	112	840	24	010060418	8.398,45
11	10	900	800	33	1015	81.8	450	915	255	121	950	24	010060419	8.360,75
11	16	900	800	39	1025	81.8	450	934	270	124	950	24	010060421	11.984,35
11	10	1000	900	33	1115	90.9	450	944	270	129	1050	28	010060422	11.161,85
11	16	1000	900	39	1125	90.9	450	990	300	139	1050	28	010060424	14.593,75
17	10	800	700	30	895	47.4	450	809	205	88	840	24	010060417	6.207,95
17	10	900	800	33	1015	53.3	450	853	235	99	950	24	010060420	7.623,55
17	10	1000	900	33	1115	59.3	450	867	240	104	1050	28	010060423	9.120,25
17	10	1200	1000	36	1230	71.1	450	928	255	116	1160	28	010060425	17.338,70

PE 100 RC Safety Intelligence Flange connections, short, Rilsan (SDR 17/11)

SIMONA

5.1.3



Material
PE 100 RC

Execution
with short spigot, for butt welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3; DIN EN ISO 15494/C, drilled PN 10/16 acc. to DIN EN 1092/1

Remark
Plastic coated steel flange

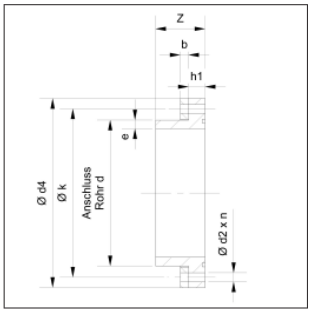
Art.code: PE0100-RC—SI—KS—RI–DN-SW09500— **0124**

SDR	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	e (mm)	D (mm)	b (mm)	k (mm)	z1 (mm)	h1 (mm)	Art. No.	€ / Stk
11	710	710	36	800	64.5	910	63	840	180	70	010062464	*
11	800	800	39	900	72.6	1025	74	950	217	83	010058370	*
11	900	900	39	1000	81.8	1125	82	1050	233	91	010058371	*
11	1000	1000	42	1115	90.9	1255	90	1170	256	101	010058372	*
17	710	710	30	800	42.1	895	50	840	160	50	010062465	*
17	800	800	33	905	47.4	1015	56	950	150	54	010062466	*
17	900	900	33	1005	53.3	1115	62	1050	155	58	010062467	*
17	1000	1000	36	1110	59.3	1230	70	1160	207	72	010058374	*
17	1100	1200	39	1330	64.7	1455	83	1380	261	96	010058373	*
17	1200	1200	39	1330	71.1	1455	83	1380	237	84	010058375	*

* on request

PE 100 Special flange connections, with round holes, EPDM seal and plastic coated Flange (SDR 17/11)

SIMONA



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, for butt welding, interior weld bead removed

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

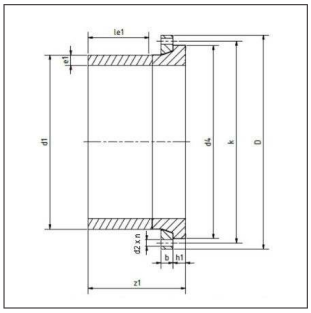
Art.code: PE0100—SFV–KSEPDPPRL—SW09500— **0125**

SDR	PN	d	DN	d2	d4	e	b	k	z1	h1	Amount n	Art. No.	€ / Stk
	(bar)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
11	16	90	65	18	180	8.2	22	145	90	26	8	010036820	242,90
11	16	110	80	18	200	10.0	20	160	90	30	8	**010036822**	257,45
11	16	140	100	18	225	12.7	20	180	90	33	8	010036849	282,95
11	16	160	125	18	250	14.6	24	210	90	35	8	010036824	328,25
11	16	180	125	18	250	16.4	24	210	150	35	8	010036826	345,60
11	16	200	150	23	285	18.2	22	240	110	35	8	010036851	368,05
11	16	250	200	22	340	22.7	24	295	120	35	12	**010036852**	474,80
11	10	250	200	22	340	22.7	24	295	120	35	8	**010038882**	446,80
11	16	315	250	26	400	28.6	26	355	200	45	12	**010036853**	712,85
11	10	315	250	22	400	28.6	30	350	220	35	12	010038759	662,10
11	16	355	300	26	450	32.2	28	410	135	56	12	**010036854**	789,95
11	10	355	300	22	458	32.2	34	400	135	54	12	**010038935**	713,50
11	16	400	350	26	510	36.3	30	470	160	40	16	010036855	1.164,30
11	10	400	350	22	505	36.3	39	460	160	40	16	010038941	1.074,15
11	16	450	400	30	580	40.9	32	525	180	55	16	**010036856**	1.348,10
11	10	450	400	27	565	40.9	44	515	180	55	16	010038947	1.252,40
11	16	500	400	30	580	45.4	32	525	234	55	16	010036858	2.067,70
11	10	500	400	26	565	45.4	44	515	234	55	16	010048937	1.973,10
11	16	560	500	33	710	50.8	36	650	195	83	20	010036859	2.219,45
11	10	560	500	26	670	50.8	44	620	185	55	20	010038959	1.755,60
11	16	630	500	33	710	57.2	36	650	305	83	20	010036860	3.117,75
11	10	630	500	26	670	57.2	44	620	305	55	20	010038965	2.653,60
11	10	710	600	30	780	64.5	34	725	353	60	20	010038971	4.304,20
17	10	90	65	18	180	5.4	22	145	90	26	8	010036819	242,90
17	10	110	80	18	200	6.6	20	160	90	30	8	010036821	257,45
17	10	140	100	18	225	8.3	20	180	90	33	8	010036848	282,95
17	10	160	125	18	250	9.5	24	210	90	35	8	010036823	328,25
17	10	180	125	18	250	10.7	24	210	214	35	8	010036825	345,60
17	10	200	150	23	285	11.9	22	240	110	35	8	010036850	368,05
17	10	250	200	22	340	14.8	24	295	120	35	8	**010036827**	407,65
17	10	315	250	22	400	18.7	30	350	220	35	12	**010036828**	620,60
17	10	355	300	22	458	21.1	34	400	130	40	12	010036829	653,25
17	10	400	350	22	505	23.7	30	460	160	40	16	010036830	941,75
17	10	450	400	26	565	26.7	32	515	180	55	16	**010036831**	1.095,20
17	10	500	400	30	580	29.7	32	525	289	55	16	010037619	1.699,55
17	10	560	500	26	670	33.2	36	620	185	55	20	010036832	1.526,60
17	10	630	500	33	780	37.4	36	725	300	55	20	010036833	2.294,30
17	10	710	600	30	780	42.1	34	725	390	60	20	010036861	3.568,55

PE 100 RC Safety Intelligence Flange connections, enlongated, Rilsan (SDR 17/11)

SIMONA

5.1.3



Material
PE 100 RC

Execution
with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN ISO 15494/B, DIN EN 12201/3, DIN EN 1555/3; DIN EN ISO 15494/C, drilled PN 10/16 acc. to DIN EN 1092/1

Remark
Plastic coated steel flange

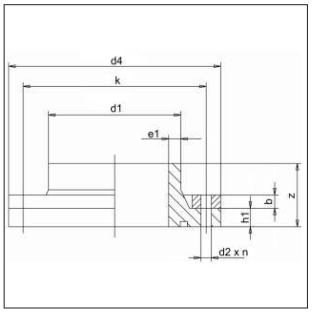
Art.code: PE0100-—SI—LS—RI–DN-SW09500— **0124**

SDR	PN (bar)	d (mm)	DN (mm)	d2 (mm)	d4 (mm)	Amount n	e (mm)	D (mm)	b (mm)	k (mm)	z1 (mm)	h1 (mm)	Art. No.	€ / Stk
11	16	710	700	36	800	24	64.5	910	63	840	450	70	010040336	5.685,50
11	16	800	800	39	900	24	72.6	1025	74	950	540	83	010058368	*
11	16	900	900	39	1000	28	81.8	1125	82	1050	590	91	010058367	*
11	16	1000	1000	42	1115	28	90.9	1255	90	1170	610	101	010058369	*
17	10	710	700	30	800	24	42.1	895	50	840	450	50	010040335	4.323,80
17	10	800	800	33	905	24	47.4	1015	56	950	470	54	010040337	6.710,25
17	10	900	900	33	1005	28	53.3	1115	62	1050	505	58	010040338	8.146,95
17	10	1000	1000	36	1110	28	59.3	1230	70	1160	560	72	010058364	*
17	10	1100	1200	39	1330	32	64.7	1455	83	1380	640	96	010058365	*
17	10	1200	1200	39	1330	32	71.1	1455	83	1380	640	84	010058366	*

* on request

PE 100 Special flange connections elongated, with round holes, EPDM seal and plastic coated Flange

(SDR 17/11)



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

Art.code: PE0100—SFV–LSEPDPPRL—SW09500— 0125

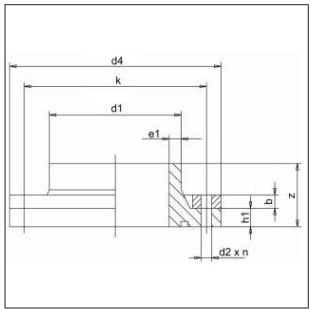
SDR	PN	d	DN	d2	d4	e	b	k	z1	h1	Amount n	Art. No.	€ / Stk
	(bar)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
11	16	90	65	18	180	8.2	22	145	255	26	8	010036878	293,55
11	16	110	80	18	200	10.0	20	160	260	30	8	010036880	311,15
11	16	140	100	18	225	12.7	20	180	260	33	8	010036907	341,95
11	16	160	125	18	250	14.6	24	210	265	35	8	010036882	396,65
11	16	180	125	18	250	16.4	24	210	315	35	8	010036884	417,65
11	16	200	150	23	285	18.2	22	240	205	35	8	010036909	444,75
11	16	250	200	22	340	22.7	24	295	245	35	12	**010036910**	573,80
11	10	250	200	22	340	22.7	24	295	245	35	8	010038883	539,90
11	16	315	250	26	400	28.6	26	355	275	45	12	**010036558**	861,35
11	10	315	250	22	400	28.6	30	350	313	35	12	010038760	800,10
11	16	355	300	26	450	32.2	28	410	275	56	12	**010036559**	954,55
11	10	355	300	22	458	32.2	34	400	270	40	12	**010038936**	862,10
11	16	400	350	26	510	36.3	30	470	320	40	16	010036913	1.406,85
11	10	400	350	22	505	36.3	39	460	320	40	16	010038942	1.298,00
11	16	450	400	30	580	40.9	32	525	335	55	16	**010036914**	1.628,95
11	10	450	400	26	565	40.9	44	515	335	55	16	010038948	1.513,30
11	16	500	400	30	580	45.4	32	525	422	55	16	**010036916**	2.498,50
11	10	500	400	26	565	45.4	44	515	416	55	16	010048938	2.384,20
11	16	560	500	33	710	50.8	36	650	370	83	20	010036917	2.681,90
11	10	560	500	26	670	50.8	44	620	370	55	20	010038960	2.121,40
11	16	630	500	33	710	57.2	36	650	500	83	20	010036918	3.767,25
11	10	630	500	26	670	57.2	44	620	500	55	20	010038966	3.206,40
11	10	710	600	30	780	64.5	34	725	627	60	20	010038972	5.200,95
17	10	90	65	18	180	5.4	22	145	255	26	8	010036877	293,55
17	10	110	80	18	200	6.6	20	160	260	30	8	010036879	311,15
17	10	140	100	18	225	8.3	20	180	260	33	8	010036906	341,95
17	10	160	125	18	250	9.5	24	210	265	35	8	010036881	396,65
17	10	180	125	18	250	10.7	24	210	379	35	8	010036883	417,65
17	10	200	150	23	285	11.9	22	240	205	35	8	010036908	444,75
17	10	250	200	22	340	14.8	24	295	245	35	8	010036885	492,60
17	10	315	250	22	400	18.7	30	350	313	35	12	**010036886**	749,85
17	10	355	300	22	458	21.1	34	400	270	40	12	**010036887**	789,40
17	10	400	350	22	505	23.7	39	460	560	40	16	010036888	1.137,90
17	10	450	400	27	565	26.7	44	515	335	55	16	**010036889**	1.323,45
17	10	500	400	26	565	29.7	44	515	439	55	16	010037620	2.053,60
17	10	560	500	26	670	33.2	44	620	370	55	20	**010036890**	1.844,65
17	10	630	500	26	670	37.4	44	620	495	55	20	010036891	2.772,30
17	10	710	600	30	780	42.1	34	725	627	60	20	010036919	4.312,00

PE 100 Special flange connections extra long, with round holes, EPDM seal and plastic coated Flange

(SDR 17/11)

SIMONA

5.1.3



Material
PE 100

Colour
black

Execution
Machined, with EPDM O-ring and plastic coated steel flange, elongated with pipe, for butt welding and electrofusion welding, interior weld bead removed, dismountable

Dimensions
Based on DIN EN 12201/3, Connecting dimensions of flange, Based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark
galvanized steel flange or stainless steel flange on request, pipe size corresponding to pipe series

Art.code: PE0100—SFV-XLSEPDPPRL—SW09500— **0125**

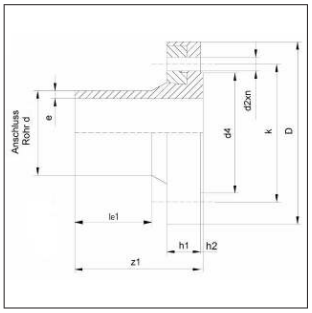
SDR	PN	d	DN	d2	d4	e	b	k	z1	h1	Amount n	Art. No.	€ / Stk
	(bar)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			
11	16	180	125	18	250	16.4	24	210	380	35	8	010036942	455,60
11	16	200	150	23	285	18.2	22	240	380	35	8	010036967	578,55
11	16	250	200	22	340	22.7	24	295	410	35	12	010036968	750,70
11	10	250	200	22	340	22.7	24	295	410	35	8	010038884	706,30
11	16	315	250	26	400	28.6	26	355	430	45	12	010036969	914,85
11	10	315	250	22	400	28.6	30	350	430	35	12	010038931	849,75
11	16	355	300	26	450	32.2	28	410	560	56	12	010036970	1.137,70
11	10	355	300	22	458	32.2	34	400	540	40	12	010038937	1.027,50
11	16	400	350	26	510	36.3	30	470	560	40	16	010036971	1.560,65
11	10	400	350	22	505	36.3	39	460	560	40	16	010038943	1.439,90
11	16	450	400	30	580	40.9	32	525	625	55	16	010036972	2.119,40
11	10	450	400	27	565	40.9	44	515	625	55	16	010038949	1.968,95
11	16	500	400	30	580	45.4	32	525	740	55	16	010036974	3.085,20
11	10	500	400	26	565	45.4	44	515	740	55	16	010048939	2.944,05
11	16	560	500	33	710	50.8	36	650	775	83	20	010036975	3.178,05
11	10	560	500	26	670	50.8	44	620	710	55	20	010038961	2.513,80
11	16	630	500	33	710	57.2	36	650	870	83	20	010036976	5.116,65
11	10	630	500	26	670	57.2	44	620	865	55	20	010038967	4.354,85
11	10	710	600	30	780	64.5	34	725	910	60	20	010038973	6.761,25
17	10	180	125	18	250	10.7	24	210	444	35	8	010036941	456,75
17	10	200	150	23	285	11.9	22	240	380	35	8	010036966	566,60
17	10	250	200	22	340	14.8	24	295	410	35	8	010036943	581,20
17	10	315	250	22	400	18.7	30	350	430	35	12	010036944	840,75
17	10	355	300	22	458	21.1	34	400	540	40	12	010036945	935,90
17	10	400	350	22	505	23.7	39	460	560	40	16	010036946	1.287,30
17	10	450	400	27	565	26.7	44	515	625	55	16	010036947	1.757,20
17	10	500	400	26	565	29.7	44	515	740	55	16	010037621	2.520,55
17	10	560	500	26	710	33.2	44	620	710	55	20	010036948	2.911,45
17	10	630	500	26	670	37.4	44	620	865	55	20	010036949	3.236,75
17	10	710	600	30	780	42.1	34	725	910	60	20	010036977	5.306,95

PE 100 RC Full face flanges, injected (SDR 11)

SIMONA



Product image for illustration purposes only.



Material
PE 100 RC, glass-fiber reinforcement, steel insert

Colour
black

Execution
injected, with elongated spigot, for butt welding and electrofusion welding

Dimensions
Based on DIN EN 12201/3, drilled PN 10/16, based on DIN EN 1092/1 (replaces ISO/DIN 2501)

Remark

Art.code: PE0100——FF—LS——FG–DN-SW09500— **0121**

SDR	d (mm)	DN (mm)	e (mm)	d4 (mm)	D (mm)	k (mm)	z1 (mm)	le1 (mm)	h1 (mm)	H2 (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
11	63	50	5.8	102	180	125	120	75	30	3	16	1.655	010007152	176,40
11	90	80	8.2	138	214	160	137	90	32	3	16	1.930	**010007153**	185,10
11	110	100	10.0	158	238	180	160	105	36	3	16	3.060	010007154	244,80
11	125	100	11.4	158	238	180	173	120	36	3	16	3.255	010007155	317,05
11	160	150	14.6	212	304	240	173	122	43	3	16	5.570	010007156	249,35
11	180	150	16.4	212	304	240	186	122	43	3	16	5.280	010007157	326,10
11	225	200	20.5	268	360	295	260	185	54	3	10	8.130	010007158	453,45

5.1.4 Gaskets

EPDM SI Profile gaskets for SI Flange connections 280

EPDM Flat gaskets for stub flanges 281

EPDM Profile gaskets for stub flanges 283

EPDM Profile gaskets for stub flanges for socket welding 285

NBR Profile gaskets for stub flanges 286

FPM Profile gaskets for stub flanges 287

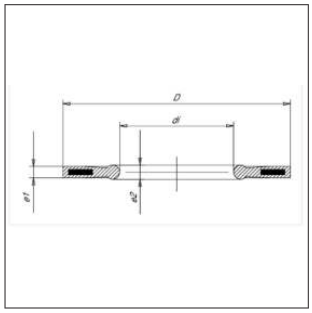
FPM Flat gasket for stub flanges for socket welding 289

FPM Profile gaskets for stub flanges for socket welding 290

EPDM SI Profile gaskets for SI Flange connections

SIMONA

5.1.4



Material
EPDM

Colour
black

Execution
For stub flanges acc. to DIN EN ISO 15494/B (PE) DIN EN ISO 15494/C (PP)

Remark
Suitable for flange connections up to PN 16

Art.code: EPDM———DICH-PDFVG/ST-KZ-SW09500— **0950**

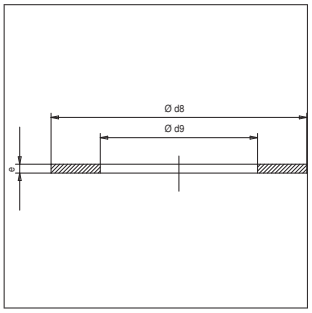
DN (mm)	PN (bar)	di (mm)	D (mm)	e1 (mm)	e2 (mm)	Art. No.	€ / Stk
700	10	810	810	8	11	010060925	228,80
800	10	915	915	8	11	010060926	287,70
900	10	1015	1015	8	11	010060927	324,25
700	16	805	805	8	11	010060929	227,70
800	16	910	910	8	11	010060930	293,65
900	16	1010	1010	8	11	010060931	327,50
1000	16	1125	1125	8	11	010060932	364,70
1000	10	1120	1120	8	11	010060933	343,40
1200	10	1341	1341	8	11	010060934	964,70
1200	16	1342	1342	8	11	010060935	974,35

EPDM Flat gaskets for stub flanges (SDR 17/11)

SIMONA



Product image for illustration purposes only.



Material
EPDM

Execution
For stub flanges acc. to DIN EN ISO 15494/B (PE) DIN EN ISO 15494/C (PP)

Remark
Suitable for flange connections up to 6 bar, For pressure ratings > 6 bar we recommend profile gaskets with steel insert

Art.code: EPDM——DICH-FD———SW09500— **0950**

SDR	d (mm)	d8 (mm)	d9 (mm)	e (mm)	di (mm)	b (mm)	Da (mm)	DN (mm)	kg/piece	Art. No.	€ / Stk
11	20	45	16	3.0	16	3	45	15	0.005	016900015	4,30
11	25	58	20	3.0	20	3	58	20	0.010	016900034	4,55
11	32	68	26	3.0	26	3	68	25	0.012	**016900016**	4,55
11	40	78	33	3.0	31	3	78	32	0.016	**016900017**	5,05
11	50	88	41	3.0	41	3	88	40	0.020	**016900018**	5,50
11	63	102	51	3.0	51	3	102	50	0.029	**016900019**	6,20
11	75	122	61	3.0	61	3	122	65	0.036	**016900020**	6,50
11	90	138	74	3.0	74	3	138	80	0.044	**016900021**	7,80
11	110	158	90	3.0	90	3	158	100	0.050	**016900022**	8,60
11	125	125	102	3.0	102	3	125	100	0.047	**016900023**	8,95
11	140	188	114	3.0	114	3	188	125	0.070	**016900024**	10,75
11	160	212	131	3.0	131	3	212	150	0.082	**016900025**	11,90
11	180	212	147	3.0	147	3	212	150	0.072	**016900026**	12,10
11	200	268	164	3.0	164	3	268	200	0.134	**016900027**	17,35
11	225	268	184	3.0	184	3	268	200	0.127	**016900028**	17,85
11	250	320	204	3.0	204	3	320	250	0.200	**016900029**	22,05
11	280	320	229	3.0	229	3	320	250	0.158	**016900030**	25,40
11	315	370	258	3.0	258	3	370	300	0.224	**016900031**	36,60
11	355	430	300	3.0	300	3	430	350	0.285	016900032	43,35
11	400	482	350	3.0	350	3	482	400	0.370	016900033	51,35
11	450	585	375	3.0		3		500	0.611	016900046	63,10
11	500	585	415	3.0		3		500	0.620	016900082	*
11	560	684	465	3.0		3		600	1.000	016900083	*
11	630	684	520	3.0		3		600	0.290	016900078	*
17	50	88	44	3.0	41	3	88	40	0.020	**016900047**	5,50
17	63	102	56	3.0	51	3	102	50	0.022	**016900048**	6,20
17	75	122	66	3.0	61	3	122	65	0.035	**016900049**	6,50
17	90	138	80	3.0	74	3	138	80	0.043	**016900050**	7,80
17	110	158	97	3.0	90	3	158	100	0.050	**016900051**	8,60
17	125	158	111	3.0	102	3	125	100	0.040	**016900052**	8,95
17	140	188	124	3.0	114	3	188	125	0.060	**016900053**	10,75
17	160	212	142	3.0	131	3	212	150	0.080	**016900054**	11,90
17	180	212	160	3.0	147	3	212	150	0.055	**016900055**	12,10
17	200	268	177	3.0	164	3	268	200	0.140	**016900056**	17,35
17	225	268	199	3.0	184	3	268	200	0.108	**016900057**	17,85
17	250	320	222	3.0	204	3	320	250	0.168	**016900058**	22,05
17	280	320	248	3.0	229	3	3203	250	0.120	**016900059**	25,40
17	315	370	279	3.0	258	3	370	300	0.180	**016900060**	36,60
17	355	430	315	3.0	300	3	430	350	0.280	016900061	43,35
17	400	482	354	3.0	350	3	482	400	0.346	016900062	48,40
17	450	584	405	3.0		3		500	0.570	016900084	*
17	500	584	450	3.0		3		500	0.542	016900087	*
17	560	684	505	3.0		3		600	0.345	016900088	*
17	630	684	565	3.0		3		600	0.480	016900089	*
17	710	800	635	3.0		3		700	0.725	016900090	*
17	800	905	715	3.0		3		800	1.030	016900091	*

* on request
Execution in SDR 17, also for SDR 17,6

EPDM Flat gaskets for stub flanges (SDR 17/11)

SIMONA

5.1.4 Art.code: EPDM———DICH-FD———SW09500— 0950

SDR	d (mm)	d8 (mm)	d9 (mm)	e (mm)	di (mm)	b (mm)	Da (mm)	DN (mm)	kg/piece	Art. No.	€ / Stk
17	900	1005	805	3.0		3		900	1.100	016900092	*
17	1000	1110	890	3.0		3		1000	1.250	016900093	*

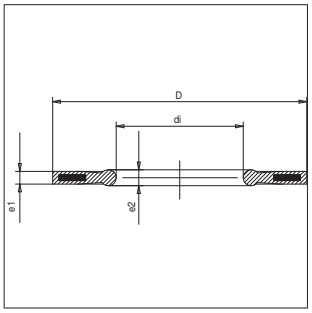
* on request
Execution in SDR 17, also for SDR 17,6

EPDM Profile gaskets for stub flanges (SDR 33/17/11)

SIMONA



Product image for illustration purposes only.



Material
EPDM

Colour
black

Execution
For stub flanges acc. to DIN EN ISO 15494/B (PE) DIN EN ISO 15494/C (PP)

Remark
Suitable for flange connections up to PN 16, Other dimensions on request

Art.code: EPDM———DICH-PD———SW09500— **0950**

SDR	d (mm)	di (mm)	e (mm)	e2 (mm)	kg/piece	Art. No.	€ / Stk
11	25	22	3.0	4	0.013	017000004	9,50
11	32	28	3.0	4	0.016	017000005	9,95
11	40	34	3.0	4	0.024	017000006	10,20
11	50	42	3.0	4	0.029	017000007	10,65
11	63	53	4.0	5	0.042	017000008	10,95
11	75	63	4.0	5	0.060	017000009	11,15
11	90	76	4.0	5	0.070	**017000001**	11,85
11	110	93	5.0	6	0.108	**017000010**	13,50
11	125	105	5.0	6	0.103	017000011	15,25
11	140	117	5.0	6	0.144	017000012	14,85
11	160	135	6.0	8	0.199	**017000013**	18,30
11	180	151	6.0	8	0.228	017000002	17,60
11	200	168	6.0	8	0.408	017000014	23,50
11	225	188	6.0	8	0.374	017000015	23,95
11	250	208	6.0	8	0.530	017000003	30,95
11	280	233	6.0	8	0.462	017000016	32,85
11	315	262	6.0	8	0.605	017000017	39,25
11	355	294	6.0	8	0.980	017000018	58,40
11	400	331	6.0	8	1.203	017000019	71,30
11	450	372	7.0	10	0.780	017000020	84,80
11	500	413	7.0	10	2.000	017000021	101,70
11	560	451	7.0	10	2.600	017000022	122,10
11	630	507	7.0	10	2.000	017000053	146,45
17	50	46	3.0	4	0.029	017000034	10,50
17	63	58	4.0	5	0.045	017000035	10,85
17	75	69	4.0	5	0.061	017000036	10,95
17	90	84	4.0	5	0.066	017000037	11,65
17	110	100	5.0	6	0.107	**017000038**	13,25
17	125	114	5.0	6	0.080	017000039	14,85
17	140	127	5.0	6	0.137	017000040	14,55
17	160	146	6.0	8	0.150	**017000041**	17,90
17	180	164	6.0	8	0.148	017000042	17,40
17	200	181	6.0	8	0.380	017000043	23,70
17	225	203	6.0	8	0.295	017000044	24,40
17	250	226	6.0	8	0.500	017000045	29,55
17	280	252	6.0	8	0.220	017000046	31,45
17	315	283	6.0	8	0.558	017000047	37,70
17	355	319	6.0	8	0.743	017000048	57,40
17	400	359	6.0	8	0.843	017000049	69,15
17	450	403	6.0	8	1.800	017000050	82,30
17	500	447	7.0	10	1.545	017000051	98,75
17	560	494	7.0	10	2.200	017000023	118,45
17	630	555	7.0	10	1.895	017000052	142,15
33	110	104	5.0	6	0.074	017000025	24,95
33	125	123	5.0	6	0.074	017000024	27,40
33	140	137	5.0	6	0.129	017000026	26,80
33	160	156	6.0	8	0.174	017000027	32,40

Execution in SDR 17, also for SDR 17,6

EPDM Profile gaskets for stub flanges (SDR 33/17/11)

SIMONA

5.1.4 Art.code: EPDM——DICH-PD——SW09500— 0950

SDR	d (mm)	di (mm)	e (mm)	e2 (mm)	kg/piece	Art. No.	€ / Stk
33	180	177	6.0	8	0.360	017000028	31,65
33	200	196	6.0	8	0.189	017000029	41,60
33	225	220	6.0	8	0.188	017000030	42,20
33	250	243	6.0	8	0.220	017000031	49,75
33	280	274	6.0	8	0.220	017000032	46,70
33	315	306	6.0	8	0.290	017000033	63,45

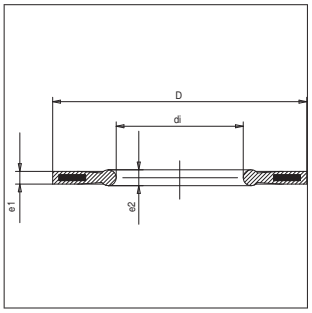
Execution in SDR 17, also for SDR 17,6

EPDM Profile gaskets for stub flanges for socket welding

SIMONA



Product image for illustration purposes only.



Material
EPDM

Colour
black

Execution
For stub flanges for socket welding acc. to DIN EN ISO 15494/B (PE) DIN EN ISO15494/C (PP)

Remark
Suitable for flange connections up to PN 16

Art.code: EPDM——DICH-PDBU——SW09500— **0950**

d (mm)	e (mm)	e2 (mm)	di (mm)	PN (bar)	kg/piece	Art. No.	€ / Stk
16	3.0	4	16	16	0.007	017000118	14,75
20	3.0	4	20	16	0.008	017000119	15,40
25	3.0	4	25	16	0.011	017000120	16,25
32	3.0	4	32	16	0.014	017000121	17,05
40	3.0	4	40	16	0.020	017000122	17,35
50	4.0	4	50	16	0.021	017000123	18,10
63	4.0	5	63	16	0.040	017000124	18,70
75	4.0	5	75	16	0.054	017000125	18,90
90	4.0	5	90	16	0.060	017000126	19,60
110	5.0	6	110	16	0.100	017000127	22,65

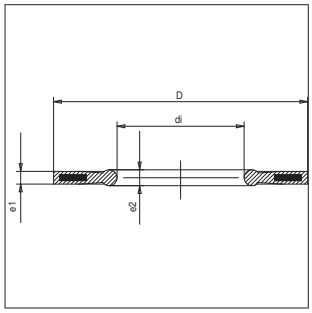
NBR Profile gaskets for stub flanges (SDR 17/11)

SIMONA

5.1.4



Product image for illustration purposes only.



Material
NBR

Colour
black

Execution
For stub flanges acc. to DIN EN ISO 15494/B (PE)

Remark
Suitable for flange connections up to PN 16

Art.code: NBR———DICH-PD———SW09500— **0950**

SDR	d (mm)	e (mm)	e2 (mm)	kg/piece	Art. No.	€ / Stk
11	25	2.3	4	0.012	017000131	16,45
11	32	2.9	4	0.016	017000132	17,35
11	40	3.7	4	0.025	017000133	17,85
11	50	4.6	4	0.033	017000135	18,60
11	63	5.8	5	0.048	017000137	19,00
11	75	6.8	5	0.059	017000139	19,50
11	90	8.2	5	0.076	017000141	20,50
11	110	10.0	6	0.124	017000143	23,45
11	125	11.4	6	0.110	017000145	26,50
11	140	12.7	6	0.149	017000147	25,95
11	160	14.6	8	0.207	017000149	31,65
11	180	16.4	8	0.236	017000151	30,55
11	200	18.2	8	0.430	017000153	40,35
11	225	20.5	8	0.365	017000155	41,45
11	250	22.7	8	0.520	017000158	53,20
11	280	25.4	8	0.496	017000160	56,45
11	315	28.6	8	0.600	017000162	67,55
11	355	32.2	8	1.100	017000164	100,30
11	400	36.3	8	1.300	017000166	122,35
11	450	40.9	10	1.930	017000168	145,40
11	500	45.4	10	1.740	017000170	174,45
11	560	50.8	10	2.430	017000172	209,05
11	630	57.2	10	2.740	017000174	251,00
17	50	3.0	4	0.031	017000134	18,40
17	63	3.8	5	0.047	017000136	18,85
17	75	4.5	5	0.057	017000138	19,00
17	90	5.4	5	0.075	017000140	20,35
17	110	6.6	6	0.110	017000142	20,75
17	125	7.4	6	0.080	017000144	25,95
17	140	8.3	6	0.118	017000146	25,15
17	160	9.5	8	0.240	017000148	30,85
17	180	10.7	8	0.150	017000150	30,10
17	200	11.9	8	0.406	017000152	40,95
17	225	13.4	8	0.316	017000154	41,90
17	250	14.8	8	0.510	017000157	51,05
17	280	16.6	8	0.400	017000159	53,65
17	315	18.7	8	0.750	017000161	65,05
17	355	21.1	8	0.760	017000163	98,70
17	400	23.7	8	0.840	017000165	118,45
17	450	26.7	8	1.200	017000167	141,35
17	500	29.7	10	1.500	017000169	169,10
17	560	33.2	10	1.850	017000171	203,00
17	630	37.4	10	2.050	017000173	243,50

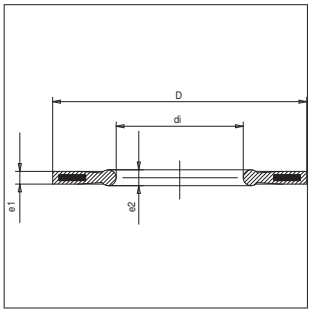
Execution in SDR 17, also for SDR 17,6

FPM Profile gaskets for stub flanges (SDR 33/21/17/11)

SIMONA



Product image for illustration purposes only.



Material
FPM

Colour
black

Execution
For stub flanges acc. to DIN EN ISO 15494/B (PE) DIN EN ISO 15494/C (PP) ISO 10931/3 (PVDF)

Remark
Suitable for flange connections up to PN 16

Art.code: FPM———DICH-PD———SW09500— **0950**

SDR	d (mm)	di (mm)	e (mm)	e2 (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
11	25	22	3.0	4	0.019	16	017000091	71,55
11	32	28	3.0	4	0.027	16	017000092	74,25
11	40	34	3.0	4	0.034	16	017000093	77,45
11	50	42	3.0	4	0.043	16	017000094	80,05
11	63	53	4.0	5	0.062	16	017000095	82,80
11	75	63	4.0	5	0.090	16	017000096	83,85
11	90	76	4.0	5	0.104	16	017000097	88,40
11	110	93	5.0	6	0.160	16	017000098	100,95
11	125	105	5.0	6	0.147	16	017000099	114,05
11	140	117	5.0	6	0.220	16	017000100	110,75
11	160	135	6.0	8	0.291	16	017000101	136,25
11	180	151	6.0	8	0.300	16	017000102	131,65
11	200	168	6.0	8	0.548	16	017000103	175,00
11	225	188	6.0	8	0.498	16	017000104	178,95
11	250	208	6.0	8	0.760	16	017000105	230,75
11	280	233	6.0	8	0.635	16	017000106	244,75
11	315	262	6.0	8	0.853	16	017000107	292,80
11	355	294	6.0	8	1.300	16	017000108	435,90
11	400	331	6.0	8	1.600	16	017000090	645,00
17	63	58	4.0	5	0.065	16	017000076	81,45
17	75	69	4.0	5	0.084	16	017000077	82,35
17	90	84	4.0	5	0.098	16	017000078	86,95
17	110	100	5.0	6	0.200	16	017000079	99,20
17	125	114	5.0	6	0.115	16	017000080	110,45
17	140	127	5.0	6	0.194	16	017000081	108,60
17	160	146	6.0	8	0.260	16	017000082	133,30
17	180	164	6.0	8	0.160	16	017000083	130,15
17	200	181	6.0	8	0.520	16	017000084	177,60
17	225	203	6.0	8	0.425	16	017000085	182,15
17	250	226	6.0	8	0.600	16	017000086	220,65
17	280	252	6.0	8	0.546	16	017000087	234,50
17	315	283	6.0	8	0.700	16	017000088	284,20
17	355	319	6.0	8	0.770	16	017000089	428,30
17	400	359	6.0	8	0.880	16	017000128	532,80
21	25	24	3.0	4	0.012	16	017000064	58,80
21	32	30	3.0	4	0.018	16	017000065	61,45
21	40	37	3.0	4	0.025	16	017000066	63,40
21	50	46	4.0	5	0.045	16	017000067	65,90
21	63	61	4.0	5	0.063	16	017000068	71,15
21	75	73	4.0	5	0.082	16	017000069	66,65
21	90	88	4.0	5	0.120	16	017000070	72,45
21	110	104	5.0	6	0.150	16	017000071	91,30
21	140	137	5.0	6	0.180	16	017000072	90,75
21	160	146	6.0	8	0.231	16	017000073	111,15
21	200	181	6.0	8	0.423	16	017000074	143,25
21	225	203	6.0	8	0.400	16	017000075	146,75
33	90	88	4.0	5	0.061	16	017000054	72,45

Execution in SDR 17, also for SDR 17,6

FPM Profile gaskets for stub flanges (SDR 33/21/17/11)

SIMONA

5.1.4 Art.code: FPM———DICH-PD———SW09500— 0950

SDR	d (mm)	di (mm)	e (mm)	e2 (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
33	110	104	5.0	6	0.083	16	017000055	91,30
33	125	123	5.0	6	0.107	16	017000056	101,05
33	140	137	5.0	6	0.180	16	017000057	97,80
33	160	156	6.0	8	0.260	16	017000058	118,90
33	200	196	6.0	8	0.438	16	017000059	152,30
33	225	220	6.0	8	0.268	16	017000060	154,40
33	250	243	6.0	8	0.675	16	017000061	179,85
33	280	274	6.0	8	0.740	16	017000062	170,85
33	315	306	6.0	8	0.810	16	017000063	232,95

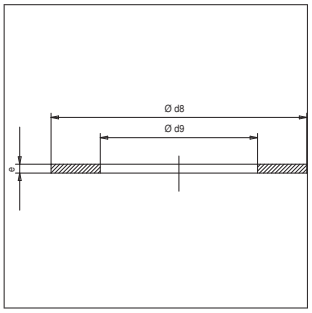
Execution in SDR 17, also for SDR 17,6

FPM Flat gasket for stub flanges for socket welding

(SDR 17)



Product image for illustration purposes only.



Material
FPM

Colour
green

Execution
For stub flanges for socket welding acc. to DIN EN ISO 15494/B (PE) DIN EN ISO 15494/C (PP) ISO 10931/3 (PVDF)

Remark
Suitable for flange connections up to PN 16

Art.code: PVDF———DICH-FD———GN09700— **0950**

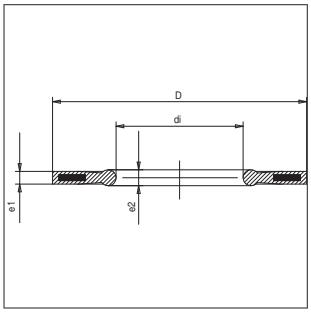
SDR	d (mm)	d8 (mm)	d9 (mm)	e (mm)	kg/piece	PN (bar)	Art. No.	€ / Stk
17	20	32	20	2.0	0.001	16	016900037	3,70
17	25	39	25	2.0	0.001	16	016900038	4,15
17	32	48	32	2.0	0.001	16	016900039	7,15
17	40	59	40	2.0	0.001	16	016900040	17,50
17	50	71	50	2.0	0.001	16	016900041	19,05
17	63	88	63	2.0	0.002	16	016900042	24,30
17	75	104	75	2.0	0.004	16	016900043	36,05
17	90	123	90	2.0	0.004	16	016900044	45,30
17	110	148	110	2.0	0.005	16	016900045	78,40

FPM Profile gaskets for stub flanges for socket welding

5.1.4



Product image for illustration purposes only.



Material
FPM

Colour
black

Execution
For stub flanges for socket welding acc. to DIN EN ISO 15494/B (PE) DIN EN ISO 15494/C (PP) ISO 10931/3 (PVDF)

Remark
Suitable for flange connections up to PN 16

Art.code: FPM———DICH-PDBU——SW09500— **0950**

d (mm)	di (mm)	e (mm)	e2 (mm)	PN (bar)	Art. No.	€ / Stk
16	16	3.0	4	16	017000129	63,90
20	20	3.0	4	16	017000109	65,05
25	25	3.0	4	16	017000110	70,00
32	32	3.0	4	16	017000111	73,15
40	40	3.0	4	16	017000112	74,60
50	50	4.0	4	16	017000113	77,50
63	63	4.0	5	16	017000114	80,05
75	75	4.0	5	16	017000115	81,50
90	90	4.0	5	16	017000116	84,45
110	110	5.0	6	16	017000117	97,70

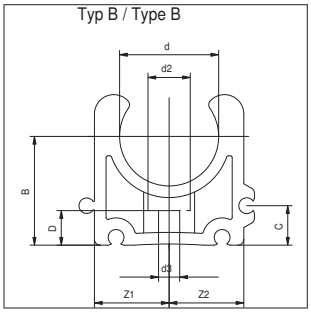
Pipe clamps type B 292

Pipe clamps type C 293

Filling blocks for pipe clamps type B/type C 294

Pipe clamps type B

5.2



Material
PP

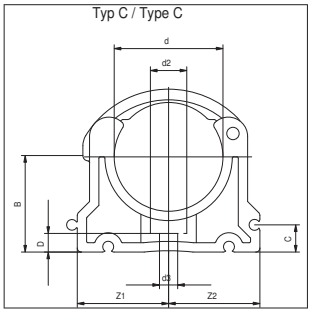
Colour
black

Execution
injected, for metric pipe series, type B: without clip

Art.code: PP———RK—B———SW09500— **0950**

d (mm)	z1 (mm)	z2 (mm)	B (mm)	C (mm)	kg/piece	Art. No.	€ / Stk
20	16.5	19	25	10	0.008	023800002	2,65
25	19	21.5	27.5	10	0.009	023800003	2,90
32	24	26.5	31	10	0.012	023800004	3,75

Pipe clamps type C



Material
PP

Colour
black

Execution
injected, for metric pipe series, type C: with PP clip

Remark
d > 160 mm on request

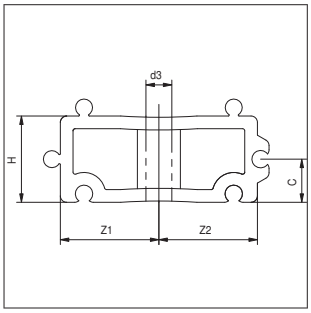
Art.code: PP———RK—C———SW09500— **0950**

d (mm)	z1 (mm)	z2 (mm)	B (mm)	C (mm)	kg/piece	Art. No.	€ / Stk
40	33.5	33.5	35	10	0.026	023800005	4,95
50	37	37	40	10	0.028	023800006	5,55
63	44.5	44.5	51.5	10	0.048	023800007	7,50
75	52	52	57.5	10	0.058	023800008	12,75
90	64.5	64.5	65	10	0.094	023800009	15,90
110	78	78	75	10	0.120	023800010	18,15
125	88	88	90	10	0.180	023800011	26,60
140	97	97	110	10	0.224	023800012	30,10
160	109	109	107.5	10	0.240	023800013	34,40

Filling blocks for pipe clamps type B/type C

SIMONA

5.2



Material
PP

Colour
black

Execution
injected, for metric pipe clamps, type B: without clip type C: with PP clip

Art.code: PP———RK—DH——SW09500— **0950**

d (mm)	z1 (mm)	z2 (mm)	H (mm)	C (mm)	kg/piece	Art. No.	€ / Stk
25	19	21.5	20	10	0.007	023800016	2,25
32	24	26.5	20	10	0.008	023800017	2,55
40	33.5	33.5	20	10	0.015	023800018	3,60
63	44.5	44.5	20	10	0.024	023800020	5,40
75	52	52	20	10	0.027	023800021	8,80

Appendix

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SIMONA worldwide	7

Legal notice

The prices listed in this overview shall be regarded as recommended retail prices, i.e. list prices. Unless expressly agreed otherwise, all prices are listed exclusive of VAT, i.e., sales tax, which shall be added at the applicable rate, and include standard packaging ex works.

All deliveries and services shall be governed exclusively by our Standard Terms and Conditions (STC) in the version applicable at the time, which can be accessed at www.simona.de.

All information provided shall be regarded as general product and price information. No liability can be accepted for the information provided. We reserve the right to make technical changes and adjustments to prices, dimensions, weights, designs, and variants at any time. Dimensions and weights shall be considered theoretical data and are subject to standard production tolerances.

This online publication corresponds to the current state at the time of download. Upon conclusion of a contract, the latest version of the price and product information available on our website www.simona.de shall apply accordingly.

The information provided shall not constitute a legally binding guarantee or warranty of specific properties or suitability for a particular purpose. SIMONA accepts no liability for the application, use, processing, or other utilization of its products or the information provided. The purchaser shall be obliged to check the suitability of our products for their intended use on his own responsibility.

Please note that our products may not be used for implants or any application within the human body.

You will find our complete Standard Terms and Condition here:

www.simona.de/agb

Correlation between SDR and PN

	PE 100	PP-H AlphaPlus®	PP-R	PVDF	ECTFE
Safety factor SF	1.25	1.6	1.25	1.6	2.5
SDR					
41	4	3.1	3.8		
33	5	3.9	4.8	10	
26	6.3	4.9	6.1		
21	8			16	10
17.6	9.6	7.5	9.3		
17	10				
13.6	12.5				
11	16	12.4	15.4		
9	20				
7.4	25	19.7	24.5		

① PN is valid for water at 20 °C and a calculated life expectancy of 50 years.
In case of welded fittings made of pipes pressure reduction factors may arise.

The European standards DIN 8074/8075 (PE) and DIN 8077/8078 (PP) as well as the application-specific DIN EN and ISO standards distinguish between different safety factors, leading to different PN loads for a given pipe geometry, i. e. outer diameter – wall thickness ratio (SDR). The table above is designed to illustrate the correlation. In practice, users can select safety factors according to their requirements. For further details, please refer to our engineering manual for piping systems.

Note
SDR, Standard Dimension Ratio, corresponds to the outer diameter of pipe divided by wall thickness. Some of the PE 100 fittings are indicated with the SDR denomination SDR 17/17.6. These items are produced within the tolerance range of SDR 17 and SDR 17.6. These fittings can consequently be connected to component parts of pressure rating SDR 17 or SDR 17.6 by heated element butt welding and, if suitable, by heated coil welding (with elongated spigots) as well.

Approvals/standards

Approvals/standards

	Dimensions, general quality requirements and tests	Standards and guidelines also applicable	Test symbols
Pipes			
PE 100 pressure pipes PE 100 industrial and waste water pressure pipes	DIN 8074/8075	DIN EN ISO 15494	DIBt: Z-40.23-311 (for water-endangering liquids, §19 WHG)
PE 100 waste water pressure pipes	DIN EN 12201	DIN 8074/8075	
PE 100 drinking water pipes	DIN EN 12201, DVGW GW 335 – Part A2	DIN 8074/8075	DVGW, WRAS
PE 100 gas pipes	DIN EN 1555, DVGW GW 335 – Part A2	DIN 8074/8075	DVGW
PE 80 CoEx sewer pipes	DIN EN 12666	Based on DIN 8074/8075	
PE 80 effluent pipes	DIN EN 1519	DIN 8074/8075	
PE 100 RC pressure pipes	DIN EN ISO 12201	DIN 8074/8075	PAS 1075 Type 1/2
PE 100 SPC protective-jacket pipes PE 100 SPC-RC pipes	Inner pipe based on DIN 8074/8075 DIN EN ISO 12201	Protective jacket as per DIN 4033 (DIN EN ISO 1610)	PAS 1075 Type 3 DVGW
PE-EL pressure pipes	DIN 8074/8075		
PP-H AlphaPlus® pressure pipes	DIN 8077/8078	DIN EN ISO 15494	DIBt: Z-40.23-325 (for water-endangering liquids, §19 WHG)
PPs ventilation pipes	Based on DIN 8077/8078	DIN 4102, fire protection classification B1	MPA: P-BWU03-I-16.5.8 (low-flammability building material)
PP-EL-s ventilation pipes	Based on DIN 8077/8078	UL 94 V-0, fire protection classification V-0	
PVDF pressure pipes	DIN EN ISO 10931		DIBt: Z-40.23-323 (for water-endangering liquids, §19 WHG) FM-approval (fire protection): 3003707, class number 4910
E-CTFE pressure pipes	Based on DIN EN ISO 10931		
Fittings			
PE 100 injection-moulded fittings	DIN EN 12201	DIN EN ISO 15494	DIBt: Z-40.23-322 (for water-endangering liquids, §19 WHG)
PE 100 injection-moulded fittings for drinking water	DIN EN 12201	DVGW GW 335 – Part B2	DVGW, WRAS, PIIP, KIWA, GOST (ГОСТ)
PE 100 injection-moulded fittings for gas	DIN EN 1555	DVGW GW 335 – Part B2	DVGW, PIIP, GOST (ГОСТ)
PE 100 injection-moulded fittings for waste water pressure pipes	DIN EN 12201		
PE 80/PE 100 fittings for sewers and waste water pipes	DIN EN 12201	DIN EN ISO 15494	DVGW
PP injection-moulded fittings	DIN EN ISO 15494		DIBt: Z-40.23-326 (for water-endangering liquids, §19 WHG), GOST (ГОСТ)
PVDF injection moulding	DIN EN ISO 10931		DIBt: Z-40.23-324 (for water-endangering liquids, §19 WHG) FM-approval (fire protection): 3003707, class number 4910, GOST (ГОСТ)

Regular external monitoring is performed by the following state-approved testing bodies: TÜV South Germany, SKZ, MPA Darmstadt, KIWA Netherlands, IIP Italy, FM Global, LNE , MPA Stuttgart, SKZ, TGM, IGH, MFPA, DB, Approvalmark, NSF.

National and international approvals

SIMONA products comply with all principal regulations and standards. Our products regularly undergo inspection and long-term testing: at our own engineering laboratory and at independent test organisations.

PE*

DVGW · SVGW SSIGE · IIP UNI n°301 · Certified Product ApprovalMark · WRAS · 107 · IGH · kiwa · FM APPROVED · Swiss Quality · DK-VAND · Nordic Poly Mark

PE*, PP*

TYPE APPROVED PRODUCT DNV DNV.COM/AF · NSF Certified to NSF/ANSI 61-G

PE*, PP*, PVDF*

DIBt · TÜV · АЯ 46

PVDF*

FM APPROVED

*For details on the respective approved products, please contact our Technical Service Center at the following e-mail address: tsc@simona-group.com.

Material properties

Material specifications

	PE 100	PE 100 RC	PE RT Type II	PE-EL	PP-H Alpha-Plus®	PP-R	PPs	PP-EL-s	PVDF	ECTFE
Density, g/cm³, DIN EN ISO 1183	0.960	0.960	0.947	1.05	0.915	0.910	0.950	1.170	1.780	1.680
Yield stress, MPa, DIN EN ISO 527	23	23	22	26	33	22	32	25	55	31
Elongation at yield, %, DIN EN ISO 527	9	9	8	7	8	12	8	7	8	4
Tensile modulus of elasticity, MPa, DIN EN ISO 527	1100	1100	850	1300	1700	850	1600	1400	1950	1650
Impact strength, kJ/m², DIN EN ISO 179	no break	no break	no break	no break	no break	no break	no break	no break	no break	no break
Notched impact strength, kJ/m², DIN EN ISO 179	25	30	22	6	9	25	6	5	12	≥ 100
Shore hardness D, DIN EN ISO 868	64	63	59	67	72	62	72	70	78	72
Mean coefficient of linear thermal expansion, K^{-1}, ISO 11359-2	$1.8 \cdot 10^{-4}$	$1.8 \cdot 10^{-4}$	$1.8 \cdot 10^{-4}$	$1.8 \cdot 10^{-4}$	$1.6 \cdot 10^{-4}$	$1.6 \cdot 10^{-4}$	$1.6 \cdot 10^{-4}$	$1.6 \cdot 10^{-4}$	$1.3 \cdot 10^{-4}$	$1{,}0 \cdot 10^{-4}$
Thermal conductivity, W/m·K, DIN 52612	0.38	0.38	0.38	–	0.22	0.22	0.22	–	0.14	0.15
FNCT, Hours, ISO 16770/PAS 1075	> 300①	> 3300①	> 100①	–	> 500①	> 500①	–	–	> 200②	–
Specific surface resistance, Ohm, DIN EN 62631-3-1	$\geq 10^{13}$	$\geq 10^{13}$	$\geq 10^{13}$	$\leq 10^{6}$	$\geq 10^{13}$	$\geq 10^{13}$	$\geq 10^{13}$	$\leq 10^{6}$	$\geq 10^{13}$	$\geq 10^{13}$
Fire behaviour, DIN 4102	B2	B2	B2	B2	B2	B2	B1	B2③	B1	B1
Physiological acceptability as per BfR	yes	yes	yes	no	yes	yes	no	no	yes	yes
Chemical resistance DVS 2205-1	fulfilled BB 5	fulfilled BB 5	fulfilled BB 5	–	fulfilled BB 5	fulfilled BB 5	–	–	fulfilled BB 4	fulfilled BB 4
Temperature range, °C	– 40 to + 80	– 40 to + 80	– 40 to + 100	– 20 to + 80	0 to + 120	-20 to + 80	0 to + 100	0 to + 80	– 30 to + 140	– 40 to + 150
MRS, MPa, ISO 9080	10	10	9	8	10	8	–	–	–	–
OIT, min, ISO 11357-6	30	30	30	20	–	–	–	–	–	–

① 80 °C/4 MPa
② 95 °C/6 MPa
③ UL 94-V0

All material specifications are deemed to be approximate values in respect of the specific material and may vary depending on the processing methods used. Suitability of materials for a specific field of application must be assessed by the party responsible for processing or the end-user. All technical specifications presented herein are designed merely to provide assistance in terms of project planning. They do not constitute a guarantee of specific properties or qualities.

Key

Materials	
PE	polyethylene
PE-EL	polyethylene, electrically conductive
PE RC	polyethylene, resistant to crack
PE RT Typ II	polyethylene, raised temperature type II
PP-H AlphaPlus®	polypropylene, homopolymer, alpha-nucleated
PP-R	polypropylene, random copolymer
PPs	polypropylene, flame retardant
PP-EL-s	polypropylene, electrically conductive, flame retardant
PVDF	polyvinylidenefluoride
ECTFE	ethylene-chlorotrifluoroethylene

Norms, guidelines	
ANSI	American National Standard Institute
DIBt	Deutsches Institut für Bautechnik
DIN	Deutsche Industrienorm
DVGW	Deutscher Verband für Gas und Wasser
PAS	Publicly Available Specification
EN	European standard
FM	Factory Mutual Research
ISO	International Standardization Organisation
TÜV	Technischer Überwachungsverein
WRAS	Water Regulations Advisory Scheme
LNE	Laboratoire National d'Essais
IIP	Istituto Italiano dei Plastici
KIWA	Independent certification body
GOST	Gossudarstwenny Standart (Nat. standard)

Abbreviations, measures and dimensions	
d	outer diameter of pipe
DN	nominal diameter
e	wall thickness
kg	kilogram
kg/m	kilogram per meter
m	meter
mm	millimeter
NPT	threaded female/male end, conical
PN	nominal pressure
R	threaded male end, conical
Rp	threaded female end, cylindric
SF	Safety factor

Materials (seals)	
EPDM	ethylene-propylene-caoutchouc
FPM	fluorocaoutchouc
NBR	nitrile rubber

GLOBAL THERMOPLASTIC SOLUTIONS



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