

Product Range International 2015

Utility Systems



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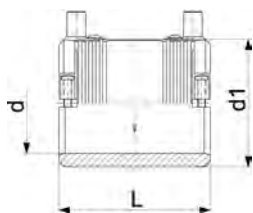
ELGEF Plus Electrofusion System

ELGEF Plus Couplers
ELGEF Plus Electrofusion fittings
ELGEF Plus Transition fittings



ELGEF Plus electrofusion fittings

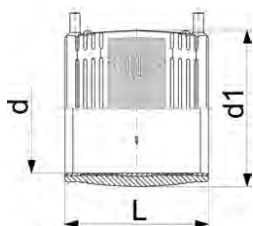
Coupler With integral pipe fixation



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- Removable centre stop

d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]
20	753 911 606	0.053	31	70
25	753 911 607	0.050	36	70
32	753 911 608	0.071	44	72
40	753 911 609	0.095	54	80
50	753 911 610	0.131	66	88
63	753 911 611	0.194	81	96

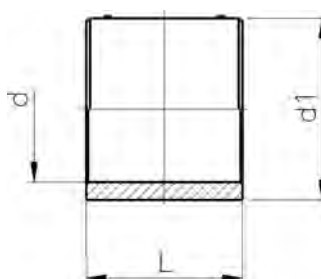
Coupler



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- Removable centre stop up to d160

d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]
75	753 911 612	0.282	96	110
90	753 911 613	0.406	113	125
110	753 911 614	0.692	138	145
125	753 911 615	0.718	154	156
140	753 911 616	0.945	172	166
160	753 911 617	1.362	196	180
180	753 911 618	1.747	219	192
200	753 911 619	1.866	244	208
225	753 911 620	3.329	273	225
250	753 911 621	4.678	304	248
280	753 911 622	7.500	340	252
315	753 911 623	8.142	382	267

Coupler



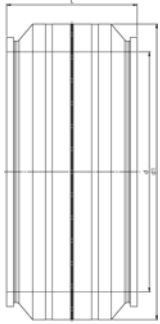
- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- With active reinforcement

d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]
355	753 911 704	13.098	438	291
400	753 911 705	18.320	493	295
450	753 911 706	24.700	554	327
500	753 911 707	33.700	616	358
560	753 911 708	46.200	689	396
630	753 911 709	65.300	775	440
710	753 911 710	87.400	874	463
800	753 911 711	114.500	982	484

Coupler



- PE 100 SDR 11 (ISO S5)
- 16 bar Water
- Only for water applications
- 4 mm pin connectors

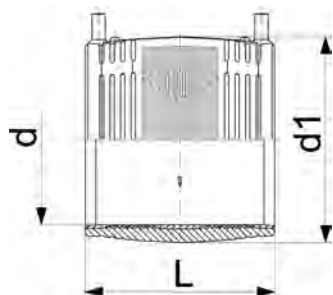


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	SDR pipe	
900	753 911 652	137.930	1110	550	11	

Coupler



- PE 100 SDR 17 (ISO S8)
- 5 bar Gas / 10 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- d160 with removable centre stop

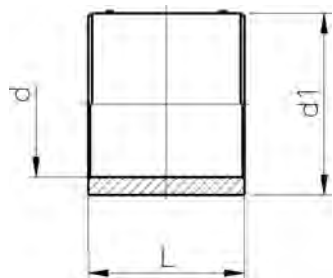


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]
160	753 911 817	1.017	186	180
180	753 911 818	1.434	213	192
200	753 911 819	1.726	233	206
225	753 911 820	2.545	261	225
250	753 911 821	4.616	304	248
280	753 911 822	5.606	304	252
315	753 911 823	8.186	382	267

Coupler



- PE 100 SDR 17 (ISO S8)
- 5 bar Gas / 10 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- With active reinforcement

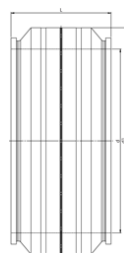


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]
355	753 911 804	9.522	416	291
400	753 911 805	18.000	467	295
450	753 911 806	16.000	526	327
500	753 911 807	22.000	584	358
560	753 911 808	34.000	647	396
630	753 911 809	35.000	727	440
710	753 911 810	55.600	820	463
800	753 911 811	73.000	922	484

Coupler



- PE 100 SDR 17 (ISO S8)
- 10 bar water
- Only for water applications
- 4 mm pin connectors

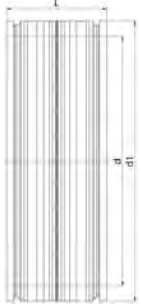


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	SDR pipe
900	753 911 852	93.150	1030	550	17
1000	753 911 853	125.650	1143	600	17
1200	753 911 854	196.450	1370	650	17

Coupler



- PE 100 SDR 26 (ISO S12.5)
- 6 bar water
- Only for water applications
- 4 mm pin connectors

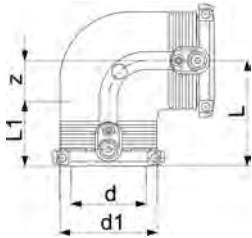


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	SDR pipe
710	753 911 950	31.920	797	360	26
800	753 911 951	42.800	897	380	26
900	753 911 952	57.580	1009	400	26
1000	753 911 953	79.270	1121	440	26
1200	753 911 954	125.700	1345	480	26



Elbow 90° With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

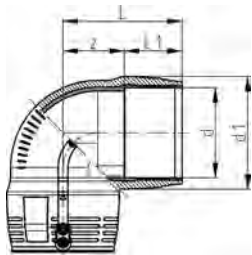


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]
20	753 101 606	0.080	35	54	34	20
25	753 101 607	0.068	35	54	34	20
32	753 101 608	0.098	44	53	36	17
40	753 101 609	0.141	54	62	39	23
50	753 101 610	0.200	66	71	43	28
63	753 101 611	0.318	81	81	48	32



Elbow 90°

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

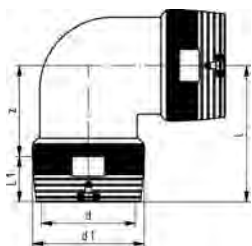


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]
75	753 101 612	0.415	97	94	54	40
90	753 101 813	0.828	115	122	62	60
110	753 101 814	1.224	140	147	72	76
125	753 101 815	1.742	160	155	77	68
160	753 101 817	3.830	196	191	92	86
180	753 101 818	5.410	219	210	95	100



Elbow 90°

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones

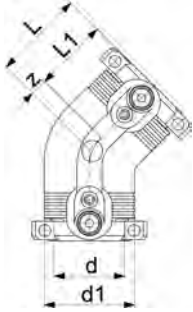


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]
200	753 101 819	9.320	250	298	104	194
225	753 101 820	13.220	280	318	112	206
250	753 101 821	16.600	310	347	123	224



Elbow 45° With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

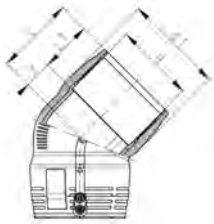


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]
32	753 151 608	0.075	44	44	36	8
40	753 151 609	0.106	54	50	39	11
50	753 151 610	0.171	66	56	43	13
63	753 151 611	0.252	81	63	48	15



Elbow 45°

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

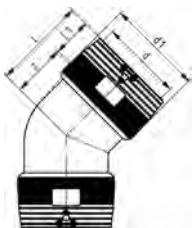


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]
75	753 151 612	0.332	97	71	54	17
90	753 151 813	0.583	115	91	62	29
110	753 151 814	0.985	140	112	72	40
125	753 151 815	1.438	160	119	78	49
160	753 151 817	3.055	196	135	92	42
180	753 151 818	4.037	217	144	95	47



Elbow 45°

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones

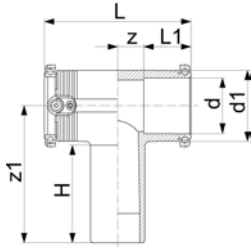


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]
200	753 151 819	7.566	250	232	104	128
225	753 151 820	11.300	280	247	112	135
250	753 151 821	13.500	310	275	123	152



Tee 90° equal With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

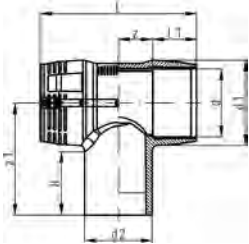


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]
20	753 211 606	0.085	35	88	32	11	92	67
25	753 211 607	0.075	35	90	32	11	92	70
32	753 211 608	0.118	44	102	34	15	100	74
40	753 211 609	0.175	54	119	39	21	114	82
50	753 211 610	0.252	66	135	42	24	126	90
63	753 211 611	0.407	81	151	46	28	150	102



Tee 90° equal

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

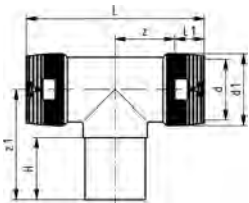


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]
75	753 201 612	0.569	97	178	54	35	143	87
90	753 201 613	0.891	115	205	62	41	161	94
110	753 201 614	1.576	140	255	72	56	184	104
125	753 201 615	2.212	161	276	78	60	207	113
160	753 201 617	4.386	196	325	92	71	206	103
180	753 201 618	6.796	225	344	90	82	250	110



Tee 90° equal

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones

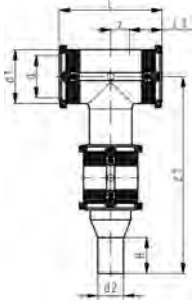


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]
200	753 201 819	10.800	250	590	104	191	250	117
225	753 201 820	15.900	280	636	112	206	270	122
250	753 201 821	18.900	310	685	123	220	288	127



Tee 90° reduced (kit)

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Integral pipe fixation (up to d63)
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as kit including ELGEF Plus Coupler and Spigot Reducer

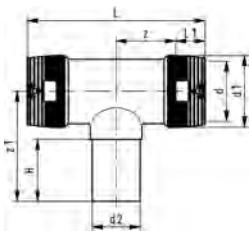


d [mm]	d2 [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]
40	20	193 281 004	0.314	54	120	39	21	244	212
40	25	193 281 005	0.319	54	120	39	21	244	212
75	40	193 280 998	1.060	97	187	61	33	296	248
90	50	193 280 999	1.655	112	202	61	41	336	274
110	63	193 280 961	2.812	136	242	65	56	366	293
125	63	193 280 963	3.673	151	256	75	53	361	279
125	110	193 280 965	3.920	151	256	75	53	389	307
180	90	193 281 032	10.891	225	344	90	82	487	347
180	110	193 281 033	10.465	225	344	90	82	495	355



Tee 90° reduced

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones

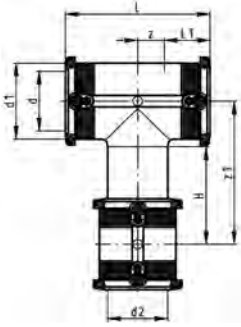


d [mm]	d2 [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]
110	90	753 211 034	1.652	140	255	72	56	245	80
125	90	753 211 035	2.242	156	255	75	53	245	80
160	63	753 211 037	5.660	200	493	90	127	176	65
160	90	753 211 039	5.508	200	492	90	158	188	79
160	110	753 211 040	5.157	200	491	90	158	195	85
200	90	753 211 059	9.012	250	595	104	194	215	81
200	110	753 211 060	12.400	250	600	104	194	218	84
200	160	753 211 063	12.400	250	595	104	194	236	101
225	90	753 211 069	13.100	280	666	112	217	226	80
225	110	753 211 070	13.100	280	670	112	217	235	85
225	160	753 211 073	13.600	280	667	112	217	255	105
250	110	753 211 080	11.660	310	709	123	220	245	85
250	160	753 211 083	11.660	310	711	123	220	264	101



Tee 90° with weldable outlet (kit) Equal or reduced

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Integral pipe fixation (up to d63)
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as kit including ELGEF Plus Coupler or ELGEF Plus Reducer

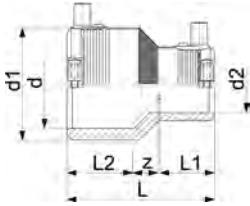


d [mm]	d2 [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]
20	20	753 201 606	0.161	35	90	34	11	92	67
25	25	753 201 607	0.122	35	90	34	11	92	70
32	32	753 201 608	0.201	44	102	36	15	100	74
40	32	193 281 006	0.288	54	120	39	21	127	95
40	40	753 201 609	0.285	54	120	39	21	114	82
50	32	193 281 007	0.364	66	135	43	24	144	108
50	40	193 281 008	0.407	66	135	43	24	140	104
50	50	753 201 610	0.389	66	135	43	24	126	90
63	32	193 280 997	0.550	81	152	48	28	173	125
63	40	193 281 009	0.566	81	152	48	28	169	121
63	50	193 281 010	0.628	81	152	48	28	165	117
63	63	753 201 611	0.615	81	152	48	28	150	102
90	63	193 281 011	1.311	112	202	61	41	182	120
90	90	753 201 613	1.342	112	202	61	41	146	84
110	90	193 281 012	2.343	136	242	65	56	200	127
110	110	753 201 614	2.329	136	242	65	56	161	88
125	90	193 281 013	3.146	151	256	75	53	214	132
125	125	753 201 615	2.960	151	256	75	53	174	92
160	110	193 281 030	7.443	196	325	92	71	271	168
160	160	753 201 617	6.359	196	325	92	71	206	103
180	125	193 281 031	9.654	225	344	90	82	330	190
180	180	753 201 618	8.561	225	344	90	82	250	110



Reducer With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

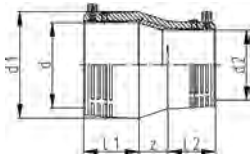


d [mm]	d2 [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	z [mm]	
25	20	753 901 639	0.051	35	74	34	34	6	
32	20	753 901 640	0.056	44	79	33	36	10	
32	25	753 901 641	0.062	44	79	33	36	10	
40	20	753 901 644	0.069	54	88	33	39	15	
40	25	753 901 645	0.084	54	88	33	39	15	
40	32	753 901 646	0.095	54	88	33	39	13	
50	32	753 901 651	0.124	66	96	35	43	18	
50	40	753 901 652	0.119	66	96	39	43	14	
63	32	753 901 656	0.158	81	105	35	48	23	
63	40	753 901 657	0.176	81	105	39	48	19	
63	50	753 901 658	0.176	81	105	43	48	15	



Reducer

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

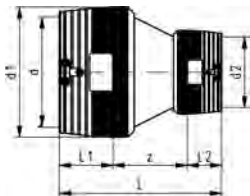


d [mm]	d2 [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	z [mm]	Remarks
90	63	753 901 831	0.385	113	146	63	47	36	
110	63	753 901 832	0.644	140	184	71	58	55	Availabel in Q 3/4 2015
110	90	753 901 833	0.700	138	173	73	63	38	
125	90	753 901 836	0.891	152	180	79	61	40	
160	90	753 901 839	1.600	202	227	90	72	65	Availabel in Q 3/4 2015
160	110	753 901 864	1.783	202	226	90	71	65	
180	125	753 901 865	2.444	225	254	96	78	80	

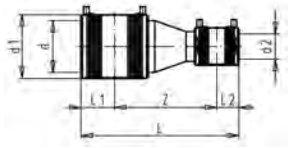


Reducer

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones



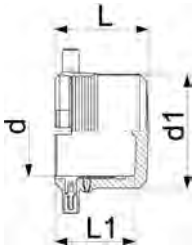
d [mm]	d2 [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	z [mm]	
200	160	753 901 837	5.098	250	365	104	90	171	
225	160	753 901 838	6.000	280	385	112	90	183	
250	160	753 901 840	7.860	310	400	123	90	187	
250	200	753 901 841	8.480	310	427	123	104	200	



Reducer (kit)

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Integral pipe fixation (up to d63)
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as kit including ELGEF Plus Coupler and Spigot Reducer

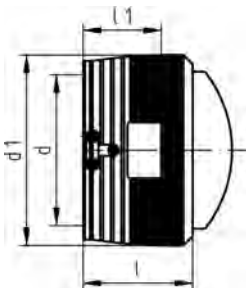
d [mm]	d2 [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	z [mm]
75	40	193 280 992	0.574	96	265	55	40	170
75	50	193 280 993	0.623	96	269	55	44	170
75	63	193 280 994	0.700	96	273	55	48	170
90	50	193 280 958	0.857	113	297	63	44	190
90	75	193 280 995	1.071	113	308	63	55	190
110	75	193 280 996	1.496	138	333	73	55	205
125	63	193 280 953	1.567	154	314	79	48	187
125	110	193 280 951	2.098	154	367	79	73	215
160	125	193 280 952	3.252	196	414	90	79	245
180	110	193 280 959	4.167	214	413	95	73	245



End cap With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

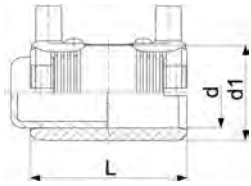
d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]
20	753 961 606	0.041	35	52	44
25	753 961 607	0.046	35	52	44
32	753 961 608	0.058	44	52	44
40	753 961 609	0.064	54	56	47
50	753 961 610	0.154	66	60	49
63	753 961 611	0.142	81	66	54



End cap

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators

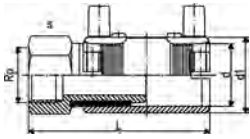
d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	L1 [mm]
160	753 961 617	1.782	200	143	90
200	753 961 619	3.585	250	162	104
225	753 961 620	4.500	280	170	112
250	753 961 621	6.300	310	185	123



End cap (kit)

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as kit including ELGEF Plus Coupler

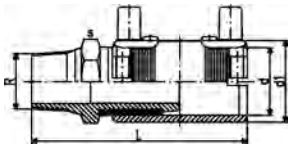
d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]
75	753 961 712	0.446	96	110
90	753 961 713	0.663	113	125
110	753 961 714	1.090	133	145
125	753 961 715	1.345	155	158
140	753 961 716	2.250	175	170
160	753 961 717	2.382	197	180
180	753 961 718	3.098	220	194
200	753 961 719	4.180	245	208
225	753 961 720	5.852	296	224



Transition coupler PE/steel (stainless 1.4305) Female thread

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

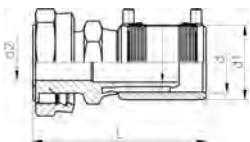
d [mm]	Rp [inch]	Code	Weight [kg]	d1 [mm]	L [mm]	s [mm]
20	½	724 920 256	0.179	31	100	30
25	¾	724 920 257	0.231	36	101	35
32	1	724 920 258	0.319	44	108	40
40	1 ¼	724 920 259	0.480	54	118	50
50	1 ½	724 920 260	0.646	66	126	60
63	2	724 920 261	0.931	81	138	70



Transition coupler PE/steel (stainless 1.4305) Male thread

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Delivered as a kit. Further combinations: modular system with threaded adapter and reductions

d [mm]	R [inch]	Code	Weight [kg]	d1 [mm]	L [mm]	s [mm]
20	½	724 920 756	0.165	31	110	30
25	¾	724 920 757	0.249	36	111	35
32	1	724 920 758	0.332	44	117	40
40	1 ¼	724 920 759	0.464	54	127	50
40	1 ½	724 920 772	0.528	66	143	60
50	1 ½	724 920 760	0.611	66	135	60
63	1 ½	724 920 771	0.904	81	147	70
63	2	724 920 761	0.942	81	147	70



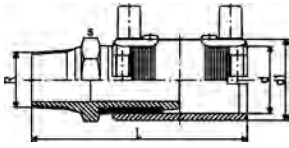
Transition coupler PE/brass (CW617N) With loose nut

- PE 100 SDR 11 (ISO S5)
- 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Delivered as a kit. Further combinations: modular system with threaded adapter and reductions
- Incl. flat gasket for water applications (KTW / WRAS approved)

d [mm]	Rp [inch]	Code	Weight [kg]	d1 [mm]	d2 [mm]	L [mm]
25	¾	720 910 007	0.232	36	15	104
32	1	720 910 008	0.297	44	20	110
32	1 ½	720 910 028	0.480	44	22	114
50	1 ½	720 910 010	0.736	66	29	133
63	1	720 910 021	1.013	81	20	137
63	2	720 910 011	1.251	81	36	145



Transition coupler PE/brass (CW617N) Male thread

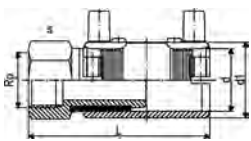


- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

R [inch]	d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	s [mm]
½	20	720 920 756	0.187	31	110	30
1	20	720 920 754	0.344	44	124	40
¾	25	720 920 757	0.254	36	111	35
1	25	720 920 763	0.340	44	124	40
½	32	720 920 764	0.213	44	121	30
¾	32	720 920 765	0.268	44	122	35
1	32	720 920 758	0.340	44	117	40
1 ¼	32	720 920 766	0.489	54	135	50
1 ½	32	720 920 767	0.635	60	143	60
2	32	720 920 768	1.000	81	157	70
1	40	720 920 771	0.364	54	133	40
1 ¼	40	720 920 759	0.514	54	127	50
1 ½	40	720 920 772	0.645	66	143	60
2	40	720 920 773	0.961	81	157	70
1	50	720 920 776	0.367	66	141	40
1 ¼	50	720 920 777	0.554	66	143	50
1 ½	50	720 920 760	0.652	66	135	60
2	50	720 920 778	0.971	81	157	70
1	63	720 920 781	0.441	81	151	40
1 ¼	63	720 920 782	0.600	81	153	40
1 ½	63	720 920 783	0.712	81	153	60
2	63	720 920 761	0.943	81	147	70



Transition coupler PE/brass (CW617N) Female thread



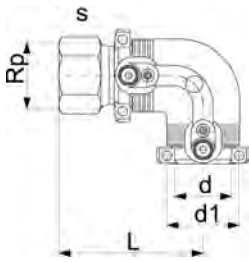
- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

d [mm]	Rp [inch]	Code	Weight [kg]	d1 [mm]	L [mm]	s [mm]
32	1	720 920 258	0.306	44	108	40
40	1 ¼	720 920 259	0.496	54	118	50
50	1 ½	720 920 260	0.725	66	126	60
63	1	720 920 281	1.300	81	138	70
63	1 ¼	720 920 282	1.230	81	138	70
63	1 ½	720 920 283	1.134	81	138	70
63	2	720 920 261	1.057	81	138	70



Transition elbow 90° PE/steel (stainless 1.4305) Female thread

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

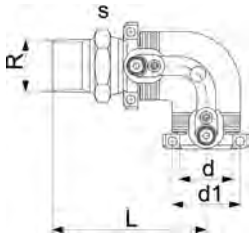


d [mm]	Rp [inch]	Code	Weight [kg]	d1 [mm]	L [mm]	s [mm]
20	½	724 100 256	0.211	31	86	30
25	¾	724 100 257	0.237	36	87	35
32	1	724 100 258	0.320	44	89	40
40	1 ¼	724 100 259	0.545	54	100	50
50	1 ½	724 100 260	0.805	66	109	60
63	2	724 100 261	1.020	81	123	70

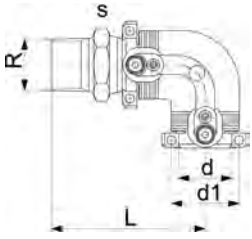


Transition elbow 90° PE/steel (stainless 1.4305) Male thread

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as a kit



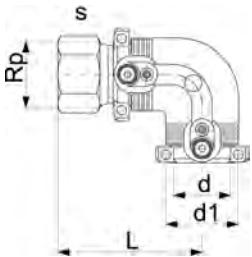
d [mm]	R [inch]	Code	Weight [kg]	d1 [mm]	L [mm]	s [mm]
20	½	724 100 756	0.211	31	96	30
25	¾	724 100 757	0.230	36	97	35
32	1	724 100 758	0.324	44	98	40
40	1 ¼	724 100 759	0.560	54	109	50
40	1 ½	724 100 772	0.599	54	109	60
50	1 ½	724 100 760	0.701	66	118	60
63	1 ½	724 100 771	0.986	81	132	70
63	2	724 100 761	1.105	81	132	70



Transition elbow 90° PE/brass (Ms 58) Male thread

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

d [mm]	R [inch]	Code	Weight [kg]	d1 [mm]	L [mm]	s [mm]
20	½	720 100 756	0.240	31	96	30
25	¾	720 100 757	0.260	36	97	35
32	1	720 100 758	0.368	44	98	40
32	1 ¼	720 100 766	0.500	44	100	50
32	1 ½	720 100 767	0.562	44	100	60
40	1	720 100 771	0.511	54	107	50
40	1 ¼	720 100 759	0.534	54	109	50
40	1 ½	720 100 772	0.615	54	109	60
50	1	720 100 776	0.677	66	116	60
50	1 ¼	720 100 777	0.771	66	118	60
50	1 ½	720 100 760	0.734	66	118	60
63	1 ¼	720 100 782	1.040	81	128	70
63	1 ½	720 100 783	1.039	81	128	70
63	2	720 100 761	1.108	81	132	70



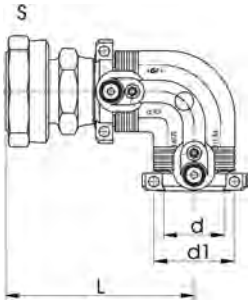
Transition elbow 90° PE/brass (Ms 58) Female thread

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

d [mm]	Rp [inch]	Code	Weight [kg]	d1 [mm]	L [mm]	s [mm]
32	1	720 100 258	0.359	44	89	40
40	1 ¼	720 100 259	0.525	54	100	50
50	1 ½	720 100 260	0.825	66	109	60
63	1	720 100 281	1.420	81	123	70
63	1 ¼	720 100 282	1.391	81	123	70
63	1 ½	720 100 283	1.305	81	123	70
63	2	720 100 261	1.165	81	123	70

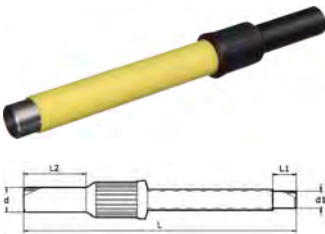


Transition elbow 90° PE/brass (CW617N) With loose nut



- PE 100 SDR 11 (ISO S5)
- 16 bar Water
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as a kit
- Incl. flat gasket for water applications (KTW / WRAS approved)

d [mm]	Rp [inch]	Code	Weight [kg]	d1 [mm]	L [mm]
25	¾	720 100 007	0.240	36	90
32	1	720 100 008	0.347	44	91
32	1 ¼	720 100 018	0.490	44	95
50	1 ½	720 100 010	0.850	66	116
63	1	720 100 021	1.114	81	121
63	2	720 100 011	1.375	81	129



Transition fittings PE/steel

- PE 100 SDR 11 (ISO S5)
- 8 bar Gas / 16 bar Water
- **Suitable for 10 bar Gas / 16 bar Water
- Electrofusion weldable
- Steel pipe acc. to EN 10208-1, PE coated for corrosion resistance
- * Steel pipe without plastic shroud

	d [mm]	d1 [inch]	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]
*	20	¾	775 641 502	0.450	427	35	41
	25	¾	775 641 507	0.658	462	35	41
	32	1	775 641 510	0.988	462	35	44
	40	1 ¼	775 641 514	1.208	470	35	49
	50	1 ½	775 641 518	1.355	475	35	55
	63	2	775 641 524	2.011	480	35	63
	75	2 ½	775 641 632	2.983	545	35	70
	90	3	775 641 636	3.762	562	45	79
	110	3	775 641 640	4.381	580	45	82
	110	4	775 641 641	6.633	580	45	82
	125	4	775 641 645	6.833	584	45	87
	160	6	775 641 655	12.406	607	45	98
	180	6	775 641 659	11.935	605	45	105
	200	8	775 642 664	19.647	615	45	112
	225	8	775 642 669	20.154	620	45	120
	250	8	775 642 665	21.354	640	45	129
**	250	10	775 642 666	30.000	645	45	129
**	280	10	775 642 673	31.000	637	45	139
**	315	12	775 642 672	35.000	730	45	150
**	355	12	775 642 675	49.000	732	45	164
**	400	16	775 642 678	94.000	770	45	179

ELGEF Plus Electrofusion System

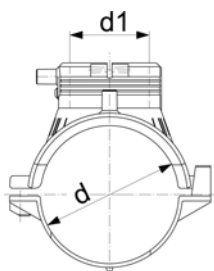
ELGEF Plus Branch Fitting
ELGEF Plus Modular System
ELGEF Plus Saddles/Valves



ELGEF Plus saddles and valves

ELGEF Plus modular system

Electrofusion saddle

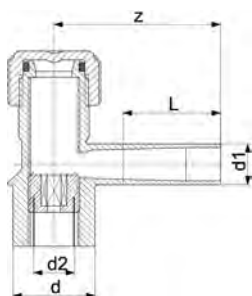


L = length / Länge

- PE 100 SDR 11 (ISO S5)
 - 10 bar Gas / 16 bar Water
 - Complete with lower part
 - * Complete with moulded-on lower part
 - 4 mm pin connectors
 - Limited path fusion indicators
 - **Delivery without lower part for assembling as Top Load with tool no. 799.350.477
- Not suitable for all tapping-tees, tapping-valves and spigots with cutter of the modular systems; SDR compatibility according to individual parts

	d [mm]	d1 [mm]	Code	Weight [kg]	L [mm]
	63	63	193 131 037	0.325	165
	75	63	193 131 047	0.455	165
	90	63	193 131 057	0.415	165
	110	63	193 131 067	0.458	165
*	110	63	193 133 067	0.240	182
	125	63	193 131 077	0.502	165
	140	63	193 131 087	0.523	165
	160	63	193 131 097	0.493	165
*	160	63	193 133 097	0.543	182
	180	63	193 131 107	0.600	165
	200	63	193 131 117	0.634	165
	225	63	193 131 127	0.618	165
	250	63	193 131 137	0.627	165
**	280	63	193 131 147	0.359	165
**	315 - 355	63	193 131 157	0.373	165
**	400	63	193 131 177	0.356	165

Tapping tee



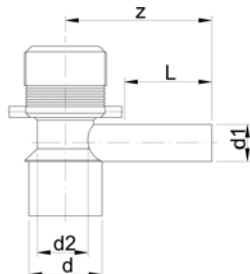
- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Long fusion outlet
- O-ring-sealed screw cap
- For ELGEF Plus Branch Saddle d63-225mm, pipe SDR 11
- For ELGEF Plus Branch Saddle d90-315mm, pipe SDR 17
- *For ELGEF Plus Branch Saddle d250-315mm, pipe SDR 11 and d250-400mm, pipe SDR 17
- **For ELGEF Plus Branch Saddle d110 - 225mm, pipe SDR11 and d110 - 315mm, pipe SDR17

	d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	L [mm]	z [mm]	SW [mm]
	63	20	193 280 358	0.380	32	69	130	17
	63	25	193 280 359	0.375	32	70	130	17
	63	32	193 280 184	0.377	32	76	130	17
	63	40	193 280 360	0.396	32	81	137	17
	63	63	193 280 185	1.099	32	100	160	17
*	63	63	193 280 711	1.120	35	100	160	17
**	63	63	193 280 290	1.086	41	100	160	17



Tapping tee With electrofusion cap

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- For ELGEF Plus Branch Saddle d63-225mm, pipe SDR 11
- For ELGEF Plus Branch Saddle d90-315mm, pipe SDR 17
- Long fusion outlet

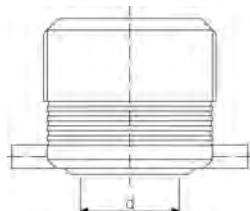


d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	D2 [mm]	L [mm]	z [mm]	SW [mm]
63	32	193 280 300	0.441	32	32	76	130	17
63	63	193 280 301	1.209	32	32	100	160	17



Electrofusion cap

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- For ELGEF Plus Tapping Saddles
- 193 280 153 is suitable for all Tapping Tees with outlets d20, d25, d32, d40 mm
- 193 280 154 is suitable for all Tapping Tees with d63 mm outlet

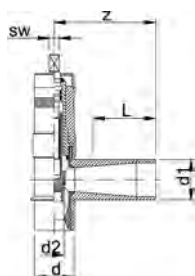


d [mm]	Code	Weight [kg]
55	193 280 153	0.126
68	193 280 154	0.200



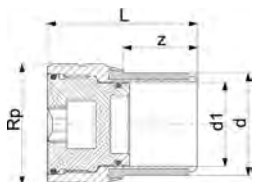
Tapping valve tee

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- For ELGEF Plus Branch Saddle d63 - 250, pipe SDR11
- For ELGEF Plus Branch Saddle d75 - 315mm, pipe SDR 17 and d250 - 400mm, pipe SDR 26
- Spindle size (SW) 14
- Number of turns to fully open or close valve is 13 for outlet d32
- Number of turns to fully open or close valve is 28 for outlet d63
- Long fusion outlet



d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	L [mm]	z [mm]
63	32	193 281 605	1.493	21	70	127
63	63	193 281 606	2.361	31	100	160

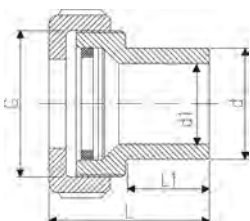
Stop-off adaptor with brass plug



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- For ELGEF Plus Branch Saddle d63 - 400mm, pipe SDR 11
- For main dimension d63 and d75mm we recommend a maximum cutting diameter of d = 39mm
- Stop-Off insert (CW617N) and plug

d [mm]	Rp [inch]	Code	Weight [kg]	d1 [mm]	L [mm]	z [mm]	SW [mm]
63	2 ½	193 280 274	1.462	50.0	93	46	19
63	2 ½	193 280 294	1.375	56.5	93	46	19

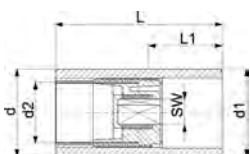
Stop-off adaptor PE



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- For ELGEF Plus Branch Saddle d63 - 400mm, pipe SDR 11, d75 - 400mm, pipe SDR 17
- PE Stop-Off insert d 63
- Plug with rubber seal
- PVP nut
- For main dimension d63 and d75mm we recommend a maximum cutting diameter of d = 39mm

d [mm]	G [inch]	Code	Weight [kg]	d1 [mm]	L [mm]	z [mm]
63	2 ¾	193 280 279	0.254	51	87	45

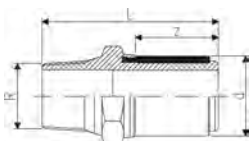
Spigot with cutter



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- For ELGEF Plus Branch Saddle d63-225mm, pipe SDR 11
- For ELGEF Plus Branch Saddle d75 - 315mm, pipe SDR 17 and d250 - 400mm, pipe SDR 26

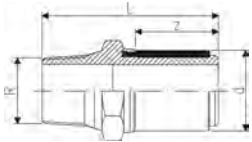
d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	L [mm]	L1 [mm]	SW [mm]
63	32	193 280 272	0.144	19	113	50	13
63	63	193 280 273	0.692	32	120	50	17

Transition adaptor PE/brass (Ms 58) Male thread



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Only for ELGEF Plus Couplers and Fittings

d [mm]	R [inch]	Code	Weight [kg]	L [mm]	z [mm]
20	½	720 920 706	0.133	75	33
25	¾	720 920 707	0.182	76	33
32	1	720 920 708	0.257	80	35
32	1 ¼	720 920 718	0.370	82	35
32	1 ½	720 920 728	0.437	82	35

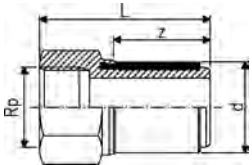


d [mm]	R [inch]	Code	Weight [kg]	L [mm]	z [mm]
40	1	720 920 719	0.358	84	39
40	1 ¼	720 920 709	0.405	86	39
40	1 ½	720 920 729	0.454	86	39
50	1	720 920 720	0.505	88	43
50	1 ¼	720 920 730	0.539	90	43
50	1 ½	720 920 710	0.514	90	43
63	1 ¼	720 920 721	0.739	94	47
63	1 ½	720 920 731	0.709	94	47
63	2	720 920 711	0.762	98	47

Transition adaptor PE/brass (Ms 58) Female thread



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Only for ELGEF Plus Couplers and Fittings

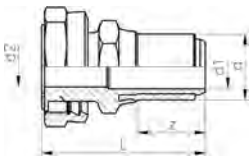


d [mm]	Rp [inch]	Code	Weight [kg]	L [mm]	z [mm]
32	1	720 920 208	0.250	71	35
40	1 ¼	720 920 209	0.386	77	39
50	1 ½	720 920 210	0.594	81	43
63	1	720 920 221	1.100	89	47
63	1 ¼	720 920 231	1.062	89	47
63	1 ½	720 920 241	0.958	89	47
63	2	720 920 211	0.832	89	47

Transition adaptor PE/brass Loose nut (Ms 58)



- PE 100 SDR 11 (ISO S5)
- 16 bar Water
- Only for ELGEF Plus Couplers and Fittings
- Incl. flat gasket for water applications (KTW / WRAS approved)

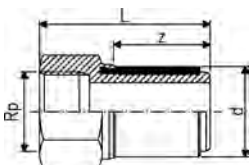


d [mm]	Rp [inch]	Code	Weight [kg]	d2 [mm]	L [mm]	z [mm]
25	¾	720 920 007	0.152	15	68	32
32	1	720 920 008	0.235	20	72	34
32	1 ¼	720 920 018	0.356	22	76	34
50	1 ½	720 920 010	0.584	29	87	42
63	1	720 920 021	0.804	20	87	46
63	2	720 920 011	1.018	36	95	46

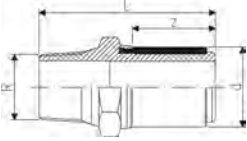
Transition adaptor PE/brass (Ms 58) Female thread



- PE 100 SDR 11 (ISO S5)
- 16 bar Water
- Small bore for ball valve DN20-G1 d40 x lead3 x h22
- Large bore for ball valve DN40-G2 d55 x lead3 x h25
- For ELGEF Plus electrofusion saddle d63-400 mm (193.131.037 to 193.131.157)



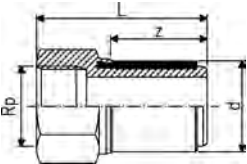
d [mm]	G [mm]	Code	Weight [kg]	L [mm]	z [mm]
63	40	193 281 328	1.139	90	47
63	55	193 281 329	0.860	90	47



Transition adaptor PE/steel (stainless 1.4305) Male thread

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Only for ELGEF Plus Couplers and Fittings

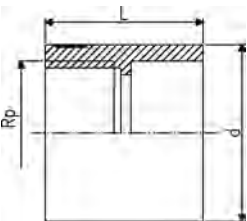
d [mm]	R [inch]	Code	Weight [kg]	L [mm]	z [mm]
20	1/2	724 920 706	0.120	75	33
25	3/4	724 920 707	0.179	76	33
32	1	724 920 708	0.244	80	35
40	1 1/4	724 920 709	0.380	86	39
40	1 1/2	724 920 719	0.446	86	39
50	1 1/2	724 920 710	0.478	90	43
63	1 1/2	724 920 721	0.653	98	47
63	2	724 920 711	0.722	98	47



Transition adaptor PE/steel (stainless 1.4305) Female thread

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Only for ELGEF Plus Couplers and Fittings

d [mm]	Rp [inch]	Code	Weight [kg]	L [mm]	z [mm]
20	1/2	724 920 206	0.128	65	33
25	3/4	724 920 207	0.181	66	33
32	1	724 920 208	0.237	71	35
40	1 1/4	724 920 209	0.373	77	39
50	1 1/2	724 920 210	0.527	81	43
63	2	724 920 211	0.733	89	47



PE adaptor Female thread

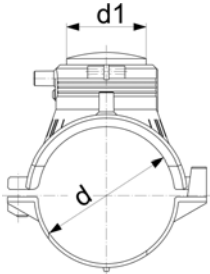
- PE 80 SDR 11 (ISO S5)
- 5 bar Gas / 12,5 bar Water
- Connection to plastic or metal
- Reinforcing ring stainless (A2)
- For ELGEF Plus Branch Saddle d63 - 400mm, pipe SDR 11, d75 - 400mm, pipe SDR 17
- Parallel female thread
- PE 100 SDR 11 (ISO S5)

	d [mm]	Rp [inch]	Code	Weight [kg]	L [mm]
*	63	1/2	193 281 617	0.060	68
	63	1 1/2	173 281 925	0.088	54



Repair saddle

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Supplied as kit including Spigot Cap (753.961.011)
- *Delivery without lower part for assembling as Top Load with tool no. 799.350.477



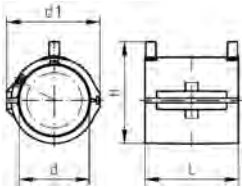
L = length / Länge

d [mm]	d1 [mm]	Code	Weight [kg]	L [mm]
63	63	193 130 037	0.417	165
75	63	193 130 047	0.574	165
90	63	193 130 057	0.513	165
110	63	193 130 067	0.565	165
125	63	193 130 077	0.622	165
140	63	193 130 087	0.660	165
160	63	193 130 097	0.589	165
180	63	193 130 107	0.733	165
200	63	193 130 117	0.731	165
225	63	193 130 127	0.708	165
250	63	193 130 137	0.640	165
*	280	63 193 130 147	0.450	165
*	315 - 355	63 193 130 157	0.443	165
*	400	63 193 130 177	0.450	165



Reinforcing saddle

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- **Fusion voltage 24 Volt**
- 4 mm pin connectors
- For use as a repair saddle with PE repair plug (Code 799.199.088 and 799.199.089) and as reinforcing saddle with an fusion area which extends the whole circumference of the pipe
- Use Spring clamp (Code 799.150.090) for installation

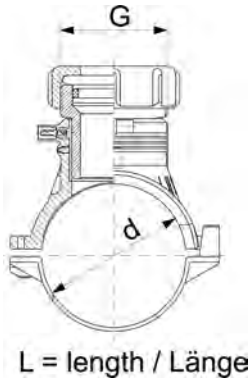


d [mm]	Code	Weight [kg]	d1 [mm]	L [mm]	H [mm]
40	193 127 017	0.135	104	105	108
50	193 127 027	0.200	80	105	85
63	193 127 037	0.255	132	120	153
75	193 127 047	0.430	162	130	122
90	193 127 057	0.547	104	130	147
110	193 127 067	0.528	120	120	191
125	193 127 077	0.757	158	130	184
160	193 127 097	0.961	192	130	218
180	193 127 107	1.095	214	130	239
200	193 127 117	1.145	236	130	260
225	193 127 127	1.399	262	140	286



Stop-off saddle with PE-adaptor Maximum passage 50 mm

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Complete with lower part
- Supplied as Kit with PE-Stop-Off Adaptor
- PE Stop-Off insert
- 4 mm pin connectors
- Limited path fusion indicators
- *Delivery without lower part for assembling as Top Load with tool no. 799.350.477; angle adaptor (799.350.340) for fusion cable required

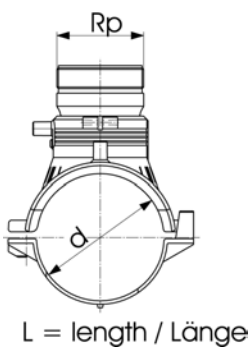


	d [mm]	G [inch]	Code	Weight [kg]	L [mm]
	63	2 3/4	193 149 237	0.606	165
	75	2 3/4	193 149 247	0.765	165
	90	2 3/4	193 149 257	0.696	165
	110	2 3/4	193 149 267	0.732	165
	125	2 3/4	193 149 277	0.785	165
	140	2 3/4	193 149 287	0.820	165
	160	2 3/4	193 149 297	0.772	165
	180	2 3/4	193 149 307	0.920	165
	200	2 3/4	193 149 317	0.913	165
	225	2 3/4	193 149 327	0.910	165
	250	2 3/4	193 149 337	0.936	165
*	280	2 3/4	193 149 347	0.920	165
*	315 - 355	2 3/4	193 149 357	0.660	165
*	400	2 3/4	193 149 377	0.920	165

Stop-off saddle (kit) Maximum passage 56.5 mm



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Complete with lower part
- Stop-Off insert (CW617N) and plug
- 4 mm pin connectors
- Limited path fusion indicators
- Stop-Off insert with outside thread Rp 2 1/2" and internal thread Rp 2" suited for common tapping devices permitting "gas-tight" installation
- *Delivery without lower part for assembling as Top Load with tool no. 799.350.475; angle adaptor (799.350.340) for fusion cable required
- For main dimension d63 and d75mm we recommend a maximum cutting diameter of d = 39mm

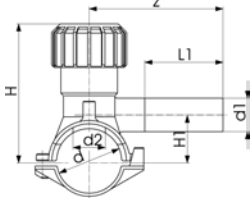


	d [mm]	Rp [inch]	Code	Weight [kg]	L [mm]
	63	2 1/2	193 149 437	1.770	165
	75	2 1/2	193 149 447	1.900	165
	90	2 1/2	193 149 457	1.775	165
	110	2 1/2	193 149 467	1.788	165
	125	2 1/2	193 149 477	1.923	165
	140	2 1/2	193 149 487	1.945	165
	160	2 1/2	193 149 497	1.861	165
	180	2 1/2	193 149 507	2.017	165
	200	2 1/2	193 149 517	2.092	165
	225	2 1/2	193 149 527	2.031	165
	250	2 1/2	193 149 537	2.058	165
*	280	2 1/2	193 149 547	1.550	165
*	315 - 355	2 1/2	193 149 557	1.770	165
*	400	2 1/2	193 149 577	1.550	165



Tapping saddle Monobloc version

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap



L = length / Länge

d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
40	20	193 131 412	0.225	16	99	33	103	70	102
40	25	193 131 413	0.226	16	99	33	103	70	102
40	32	193 131 414	0.225	16	99	33	103	70	120
50	20	193 131 422	0.214	16	104	38	103	70	102
50	25	193 131 423	0.212	16	104	38	103	70	102
50	32	193 131 424	0.228	16	104	38	103	70	120
63	20	193 131 432	0.428	25	134	44	126	70	115
63	25	193 131 433	0.431	25	134	44	126	70	115
63	32	193 131 434	0.425	25	134	44	126	70	130



Tapping saddle Monobloc

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Delivery without lower part for assembling as Topload with tool no. 799 301 558
- 4 mm pin connectors
- Fusion indicator
- Long fusion outlet
- O-ring-sealed screw cap

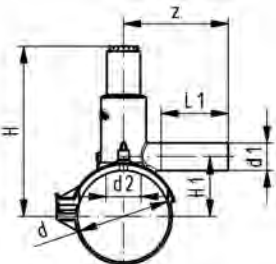


d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
32	20	193 281 459	0.156	12	83	29	101	65	90



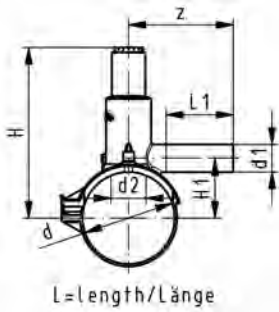
Tapping saddle Monobloc version

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with moulded-on lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap
- *Compatible with GASSTOP type GS



L=length/Länge

	d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
*	63	20	193 131 932	0.368	25	146	44	144	76	110
	63	25	193 131 933	0.393	25	146	44	144	76	110
*	63	32	193 131 934	0.376	25	146	44	144	76	110
*	90	20	193 131 952	0.494	32	198	61	162	76	115
	90	25	193 131 953	0.503	32	198	61	162	76	115
*	90	32	193 131 954	0.505	32	198	61	162	76	115
	90	63	193 131 957	0.667	32	198	61	162	76	115

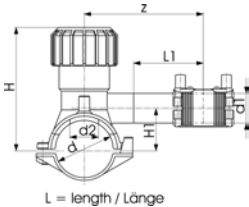


	d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
*	110	20	193 131 962	0.560	32	208	71	162	76	115
	110	25	193 131 963	0.570	32	208	71	162	76	115
*	110	32	193 131 964	0.574	32	208	71	162	76	125
	110	63	193 131 967	0.684	32	208	71	162	100	160
*	125	20	193 131 972	0.562	32	216	79	162	76	120
	125	25	193 131 973	0.552	32	216	79	162	76	120
*	125	32	193 131 974	0.574	32	216	79	162	76	120
	125	63	193 131 977	0.704	32	216	79	162	76	120
*	160	20	193 131 992	0.631	32	233	96	162	76	120
	160	25	193 131 993	0.641	32	233	96	162	76	125
*	160	32	193 131 994	0.648	32	233	96	162	76	130
	160	63	193 131 997	0.794	32	233	96	162	100	170



Tapping saddle (kit) Monobloc version

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap
- Supplied as Kit with enclosed service line fitting (ELGEF Plus Coupler or Reducer)

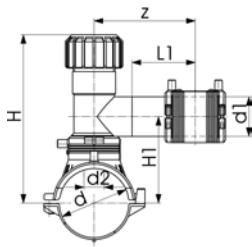
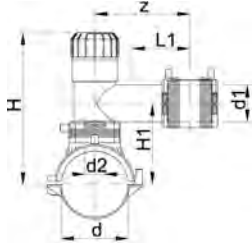


d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
40	20	193 132 412	0.278	16	99	33	103	70	102
40	25	193 132 413	0.289	16	99	33	103	70	102
40	32	193 132 414	0.284	16	99	33	103	70	120
50	20	193 132 422	0.325	16	105	38	103	70	102
50	25	193 132 423	0.273	16	105	38	103	70	102
50	32	193 132 424	0.296	16	105	38	103	70	120
63	20	193 132 432	0.486	25	134	44	126	70	115
63	25	193 132 433	0.492	25	134	44	126	70	115
63	32	193 132 434	0.507	25	134	44	126	70	130
63	40	193 132 435	0.461	25	134	44	126	70	130



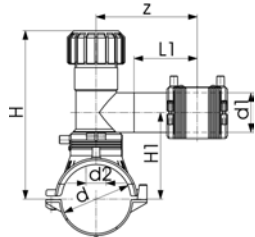
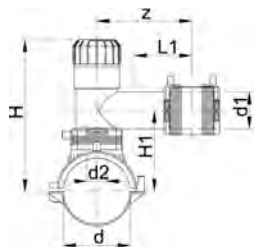
Tapping saddle (kit) With 360° rotatable outlet

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap
- Supplied as Kit with enclosed service line fitting (ELGEF Plus Coupler or Reducer)
- d315 - 400 mm: application is limited on pipes d355 and d400 mm. Not suitable for pipes if larger wall thickness than SDR 17 pipes.
- *Delivery without lower part for assembling as Top Load with tool no. 799.350.477; angle adaptor (799.350.340) for fusion cable required



L = length / Länge

d	d1	Code	Weight	d2	H	H1	L	L1	z
[mm]	[mm]		[kg]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
63	20	193 132 402	0.754	32	186	108	165	76	130
63	25	193 132 403	0.761	32	186	108	165	76	130
63	32	193 132 404	0.773	32	186	108	165	76	130
63	40	193 132 405	0.798	32	186	108	165	76	130
63	50	193 132 436	1.619	32	234	112	165	100	160
63	63	193 132 437	1.623	32	234	112	165	100	160
75	20	193 132 442	0.879	32	191	113	165	76	130
75	25	193 132 443	0.900	32	191	113	165	76	130
75	32	193 132 444	0.917	32	191	113	165	76	130
75	40	193 132 445	0.958	32	240	118	165	76	160
75	50	193 132 446	1.748	32	240	118	165	100	160
75	63	193 132 447	1.753	32	240	118	165	100	160
90	20	193 132 452	0.856	32	199	121	165	76	130
90	25	193 132 453	0.858	32	199	121	165	76	130
90	32	193 132 454	0.857	32	199	121	165	76	130
90	40	193 132 455	0.780	32	199	126	165	76	130
90	50	193 132 456	1.711	32	248	126	165	100	160
90	63	193 132 457	1.707	32	248	126	165	100	160
110	20	193 132 462	0.907	32	209	131	165	76	130
110	25	193 132 463	0.905	32	209	131	165	76	130
110	32	193 132 464	0.875	32	209	131	165	76	130
110	40	193 132 465	0.961	32	209	136	165	76	130
110	50	193 132 466	1.133	35	258	136	165	100	160
110	63	193 132 467	1.330	35	258	136	165	100	160
125	20	193 132 472	0.938	32	216	138	165	76	130
125	25	193 132 473	0.943	32	216	138	165	76	130
125	32	193 132 474	0.955	32	216	138	165	76	130
125	40	193 132 475	0.964	32	216	143	165	76	130
125	50	193 132 476	1.374	35	256	143	165	100	160
125	63	193 132 477	1.161	35	256	143	165	100	160
140	20	193 132 482	0.941	32	234	146	165	76	130
140	25	193 132 483	0.944	32	234	146	165	76	130
140	32	193 132 484	0.972	32	234	146	165	76	130
140	40	193 132 485	1.020	32	234	146	165	76	130
140	50	193 132 486	1.835	35	283	151	165	100	160
140	63	193 132 487	1.833	35	283	151	165	100	160
160	20	193 132 492	0.910	32	234	156	165	76	130
160	25	193 132 493	0.933	32	234	156	165	76	130
160	32	193 132 494	0.954	32	234	156	165	76	130
160	40	193 132 495	0.965	32	234	161	165	76	130
160	50	193 132 496	1.375	35	283	161	165	100	160
160	63	193 132 497	1.378	35	283	161	165	100	160
180	20	193 132 502	1.020	32	244	166	165	71	130
180	25	193 132 503	1.057	32	244	166	165	71	130
180	32	193 132 504	1.045	32	244	166	165	76	130
180	40	193 132 505	1.122	32	244	171	165	76	130
180	50	193 132 506	1.938	35	293	171	165	100	160
180	63	193 132 507	1.918	35	293	171	165	100	160
200	20	193 132 512	1.065	32	254	176	165	76	130



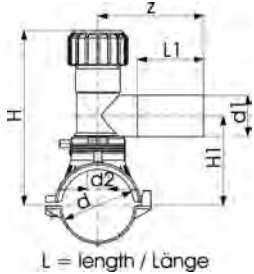
L = length / Länge

	d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
	200	25	193 132 513	1.065	32	254	176	165	71	130
	200	32	193 132 514	1.095	32	254	176	165	76	130
	200	40	193 132 515	1.131	32	254	181	165	76	130
	200	50	193 132 516	1.957	35	303	181	165	100	160
	200	63	193 132 517	1.900	35	303	181	165	100	160
	225	20	193 132 522	1.460	32	266	188	165	71	130
	225	25	193 132 523	0.991	32	266	188	165	71	130
	225	32	193 132 524	1.095	32	266	188	165	76	130
	225	40	193 132 525	1.134	32	266	193	165	76	130
	225	50	193 132 526	1.921	35	315	193	165	100	160
	225	63	193 132 527	1.951	35	315	193	165	100	160
	250	20	193 132 532	1.079	32	279	201	165	76	130
	250	25	193 132 533	1.095	32	279	201	165	76	130
	250	32	193 132 534	1.092	32	279	201	165	76	130
	250	40	193 132 535	1.113	32	279	206	165	76	160
	250	50	193 132 536	1.971	35	328	206	165	100	160
	250	63	193 132 537	1.923	35	328	206	165	100	160
*	280	32	193 132 544	1.455	35	328	206	165	100	160
*	280	40	193 132 545	1.500	35	328	206	165	100	160
*	280	50	193 132 546	1.500	35	328	206	165	100	160
*	280	63	193 132 547	1.510	35	328	206	165	100	160
*	315 - 355	32	193 132 554	1.648	35	328	206	165	100	160
*	315 - 355	40	193 132 555	1.015	35	328	206	165	100	160
*	315 - 355	50	193 132 556	1.440	35	328	206	165	100	160
*	315 - 355	63	193 132 557	1.602	35	328	206	165	100	160

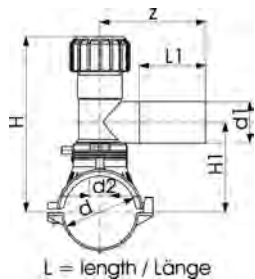


Tapping saddle With 360° rotatable outlet

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap
- d315-400mm: restricted application for pipes d355 and d400mm. Not suitable for pipes if wall thickness is larger than SDR17 pipes.
- *moulded-on lower clamp
- **Delivery without lower part for assembling as Top Load with tool no. 799.350.475; angle adaptor (799.350.340) for fusion cable required



	d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
	63	20	193 131 402	0.697	32	186	108	165	71	130
	63	25	193 131 403	0.637	32	186	108	165	71	130
	63	32	193 131 404	0.701	32	186	108	165	76	130
	63	40	193 131 405	0.718	32	186	108	165	81	137
	63	63	193 131 437	1.426	32	134	112	165	100	160
	75	20	193 131 442	0.831	32	191	113	165	71	130
	75	25	193 131 443	0.830	32	191	113	165	71	130
	75	32	193 131 444	0.812	32	191	113	165	76	130
	75	40	193 131 445	0.849	32	191	113	165	81	137
	75	63	193 131 447	1.549	32	240	118	165	100	160
	90	20	193 131 452	0.794	32	199	121	165	71	130
	90	25	193 131 453	0.790	32	199	121	165	71	130
	90	32	193 131 454	0.770	32	199	121	165	76	130
	90	40	193 131 455	0.811	32	199	121	165	81	137
	90	63	193 131 457	1.494	32	248	126	165	100	160
*	110	20	193 131 462	0.826	32	209	131	165	71	130
*	110	25	193 131 463	0.808	32	209	131	165	71	130
*	110	32	193 131 464	0.831	32	209	131	165	76	130
*	110	40	193 131 465	0.805	32	209	131	165	81	137
*	110	63	193 131 467	1.097	35	258	136	165	100	160
	125	20	193 131 472	0.880	32	216	138	165	71	130
	125	25	193 131 473	0.878	32	216	138	165	71	130
	125	32	193 131 474	0.878	32	216	138	165	76	130
	125	40	193 131 475	0.874	32	216	138	165	81	137
	125	63	193 131 477	1.184	35	265	143	165	100	160
	140	20	193 131 482	0.887	32	233	146	165	71	130
	140	25	193 131 483	0.874	32	233	146	165	71	130
	140	32	193 131 484	0.894	32	233	146	165	76	130
	140	40	193 131 485	0.920	32	233	146	165	81	137
	140	63	193 131 487	1.180	35	273	151	165	100	160
*	160	20	193 131 492	0.916	32	243	156	165	71	130
*	160	25	193 131 493	0.912	32	243	156	165	71	130
*	160	32	193 131 494	0.915	32	243	156	165	76	130
*	160	40	193 131 495	0.936	32	243	156	165	81	137
*	160	63	193 131 497	1.221	35	283	161	165	100	160
	180	20	193 131 502	0.994	32	244	166	165	71	130
	180	25	193 131 503	1.001	32	244	166	165	71	130
	180	32	193 131 504	0.957	32	244	166	165	76	130
	180	40	193 131 505	1.007	32	244	166	165	81	137
	180	63	193 131 507	1.587	35	293	171	165	100	160
	200	20	193 131 512	1.015	32	254	176	165	71	130
	200	40	193 131 515	1.024	32	254	176	165	81	137
	200	32	193 131 514	0.985	32	254	176	165	76	130
	200	25	193 131 513	1.015	32	254	176	165	71	130
	200	63	193 131 517	1.745	35	303	181	165	100	160
	225	20	193 131 522	1.016	32	266	188	165	71	130
	225	25	193 131 523	1.025	32	266	188	165	71	130
	225	32	193 131 524	1.019	32	266	188	165	76	130
	225	40	193 131 525	1.029	32	266	188	165	81	137

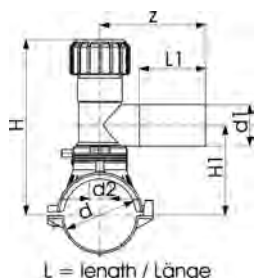


	d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
	225	63	193 131 527	1.738	35	315	193	165	100	160
	250	20	193 131 532	1.025	32	279	201	165	76	130
	250	25	193 131 533	1.026	32	279	201	165	76	130
	250	32	193 131 534	0.996	32	279	201	165	76	130
	250	40	193 131 535	1.008	32	279	201	165	81	137
	250	63	193 131 537	1.733	35	328	206	165	100	160
**	280	63	193 131 547	1.478	35	328	206	165	100	160
**	315-355	63	193 131 557	1.481	35	328	206	165	100	160
**	400	63	193 131 577	1.473	35	328	206	165	100	160



Tapping saddle With 360° rotatable outlet

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Suitable to tap SDR11 pipes
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap
- Delivery without lower part for assembling as Top Load with tool no. 799.350.477; angle adaptor (799.350.340) for fusion cable required

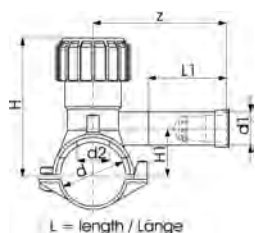


d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
315-355	63	193 131 867	1.473	33	328	206	165	100	160
400	63	193 131 877	1.473	33	328	206	165	100	160

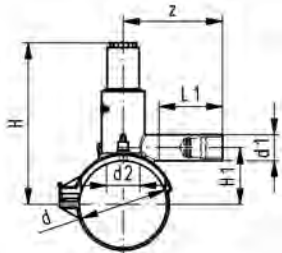


Tapping saddle with gas-stop type 1-5 bar Monobloc version

- PE 100 SDR 11 (ISO S5)
- 5 bar Gas (for pressure 1 bar -5 bar)
- With integrated cutter to tap live mains under pressure
- Complete with lower part
- Gas-Stop System Pipelife (GS 20/1 or GS 32/1)
- Without overflow orifice
- Set comes with Gas-Stop pre-assembled
- Installation instructions of Gas-Stop manufacturer are to be observed
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap



d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]
40	20	193 281 113	0.214	16	99	33	103	70	102	25
40	32	193 281 152	0.237	16	99	33	103	70	120	100
63	20	193 281 434	0.365	25	134	44	126	70	115	25
63	32	193 281 153	0.840	25	134	44	126	70	130	100

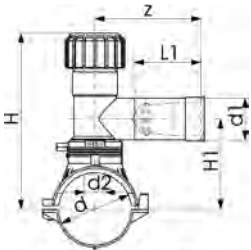


L = length / Länge

Tapping saddle with gas-stop type 1-5 bar Monobloc version

- PE 100 SDR 11 (ISO S5)
- 5 bar Gas (for pressure 1 bar -5 bar)
- With integrated cutter to tap live mains under pressure
- Complete with moulded-on lower part
- Gas-Stop System Pipelife (GS 20/1 or GS 32/1)
- **Without overflow orifice**
- Set comes with Gas-Stop pre-assembled
- Installation instructions of Gas-Stop manufacturer are to be observed
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap

d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]
63	20	193 130 432	0.368	25	146	44	144	76	110	25
63	32	193 130 434	0.412	25	146	44	144	76	110	100
90	20	193 130 452	0.524	32	198	61	162	76	115	25
90	32	193 130 454	0.520	32	198	61	162	76	115	100
110	20	193 130 462	0.552	32	208	71	162	76	115	25
110	32	193 130 464	0.620	32	208	71	162	76	125	100
125	20	193 130 472	0.664	32	216	79	162	76	120	25
125	32	193 130 474	0.628	32	216	79	162	76	120	100
160	20	193 130 492	0.672	32	233	96	162	76	120	25
160	32	193 130 494	0.786	32	233	96	162	76	130	100

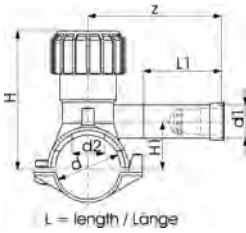


L = length / Länge

Tapping saddle with gas-stop type 1-5 bar With 360° rotatable outlet

- PE 100 SDR 11 (ISO S5)
- 5 bar Gas (for pressure 1 bar -5 bar)
- With integrated cutter to tap live mains under pressure
- Gas-Stop System Pipelife (GS 20/1, GS 32/1, GS 63/1)
- **Without overflow orifice**
- Set comes with Gas-Stop pre-assembled
- Installation instructions of Gas-Stop manufacturer are to be observed
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap

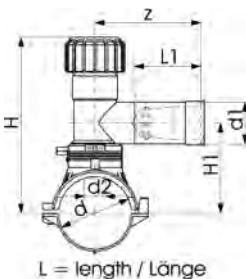
d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]
63	63	193 281 159	1.548	32	134	112	165	100	160	280
90	20	193 281 435	0.728	25	199	121	165	71	130	25
90	32	193 281 154	0.728	25	199	121	165	76	130	100
90	63	193 281 160	1.642	32	248	126	165	100	160	280
110	20	193 281 437	0.875	25	209	131	165	71	130	25
110	32	193 281 155	0.873	25	209	131	165	76	130	100
110	63	193 281 161	1.691	35	258	136	165	100	160	280
125	20	193 281 438	0.895	25	216	138	165	71	130	25
125	32	193 281 156	0.869	25	216	138	165	76	130	100
125	63	193 281 162	1.724	35	265	143	165	100	160	280
160	20	193 281 439	0.909	25	243	156	165	71	130	25
160	32	193 281 157	0.909	25	243	156	165	76	130	100
160	63	193 281 163	1.737	35	283	161	165	100	160	280
225	20	193 281 122	1.011	25	266	188	165	71	130	25
225	32	193 281 158	1.011	25	266	188	165	76	130	100
225	63	193 281 164	1.864	35	315	193	165	100	160	280



Tapping saddle with gas-stop type AD UE Monobloc version

- PE 100 SDR 11 (ISO S5)
- 1 bar Gas (for pressures from **25 mbar to 1 bar**)
- With integrated cutter to tap live mains under pressure
- Gas-Stop System Pipelife Type AD (GS 32/25 UE)
- **With overflow orifice**
- Set comes with Gas-Stop pre-assembled
- Installation instructions of Gas-Stop manufacturer are to be observed
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap

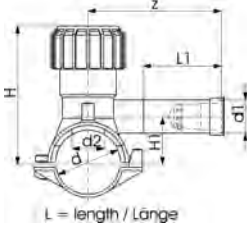
d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m ³ /h]
40	32	193 130 614	0.290	16	99	33	103	76	120	10
50	32	193 130 624	0.283	16	104	38	103	76	120	10
63	32	193 130 634	0.446	25	134	44	126	76	130	10



Tapping saddle with gas-stop type AD UE With 360° rotatable outlet

- PE 100 SDR 11 (ISO S5)
- 1 bar Gas (for pressures from **25 mbar to 1 bar**)
- With integrated cutter to tap live mains under pressure
- Gas-Stop System Pipelife Type AD (GS 32/25 UE or GS 63/25 UE)
- **With overflow orifice**
- Set comes with Gas-Stop pre-assembled
- Installation instructions of Gas-Stop manufacturer are to be observed
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap

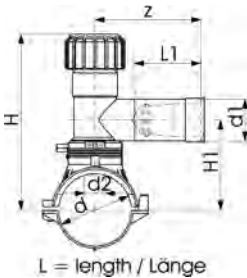
d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m ³ /h]
63	32	193 130 604	0.728	32	186	108	165	76	130	10
63	63	193 130 637	1.556	32	134	112	165	100	160	40
75	32	193 130 644	0.854	32	191	113	165	76	130	10
75	63	193 130 647	1.680	32	240	118	165	100	160	40
90	32	193 130 654	0.814	32	199	121	165	76	130	10
90	63	193 130 657	1.642	32	248	126	165	100	160	40
110	32	193 130 664	0.884	32	209	131	165	76	130	10
110	63	193 130 667	1.691	35	258	136	165	100	160	40
125	32	193 130 674	0.902	32	216	138	165	76	130	10
125	63	193 130 677	1.724	35	265	143	165	100	160	40
140	32	193 130 684	0.913	32	233	146	165	76	130	10
140	63	193 130 687	1.740	35	273	151	165	100	160	40
160	32	193 130 694	0.909	32	243	156	165	76	130	10
160	63	193 130 697	1.737	35	283	161	165	100	160	40
180	32	193 130 704	1.015	32	244	166	165	76	130	10
180	63	193 130 707	1.843	35	293	171	165	100	160	40
200	32	193 130 714	1.034	32	254	176	165	76	130	10
200	63	193 130 717	1.862	35	303	181	165	100	160	40
225	32	193 130 724	1.027	32	266	188	165	76	130	10
225	63	193 130 727	1.864	35	315	193	165	100	160	40
250	32	193 130 734	1.048	32	279	201	165	76	130	10
250	63	193 130 737	1.876	35	328	206	165	100	160	40



Tapping saddle with gas-stop type B UE Monobloc version

- PE 100 SDR 11 (ISO S5)
- 5 bar Gas (for pressures from **200 mbar to 5 bar**)
- With integrated cutter to tap live mains under pressure
- Gas-Stop System Pipelife Type S (GS 32/200 UE)
- **With overflow orifice**
- Set comes with Gas-Stop pre-assembled
- Installation instructions of Gas-Stop manufacturer are to be observed
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap

d [mm]	d1 [mm]	Code	Weight [kg]	D2 [mm]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m ³ /h]
40	32	193 130 814	0.290	16	16	99	33	103	76	120	45
50	32	193 130 824	0.283	16	16	104	38	103	76	120	45
63	32	193 130 834	0.446	25	25	134	44	126	76	130	45



Tapping saddle with gas-stop type S UE With 360° rotatable outlet

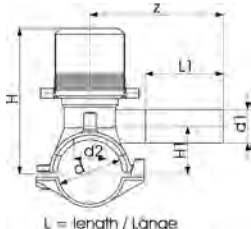
- PE 100 SDR 11 (ISO S5)
- 5 bar Gas (for pressures from **200 mbar to 5 bar**)
- With integrated cutter to tap live mains under pressure
- Gas-Stop System Pipelife Type S (GS 32/200 UE or GS 63/200 UE)
- **With overflow orifice**
- Set comes with Gas-Stop pre-assembled
- Installation instructions of Gas-Stop manufacturer are to be observed
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap

d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m ³ /h]
63	32	193 130 804	0.715	32	186	108	165	76	130	45
63	63	193 130 837	1.540	32	134	112	165	100	160	180
75	32	193 130 844	0.854	32	191	113	165	76	130	45
75	63	193 130 847	1.680	32	240	118	165	100	160	180
90	32	193 130 854	0.813	32	199	121	165	76	130	45
90	63	193 130 857	1.642	32	248	126	165	100	160	180
110	32	193 130 864	0.877	32	209	131	165	76	130	45
110	63	193 130 867	1.691	35	258	136	165	100	160	180
125	32	193 130 874	0.897	32	216	138	165	76	130	45
125	63	193 130 877	1.709	35	265	143	165	100	160	180
140	32	193 130 884	0.913	32	233	146	165	76	130	45
140	63	193 130 887	1.740	35	273	151	165	100	160	180
160	32	193 130 894	0.909	32	243	156	165	76	130	45
160	63	193 130 897	1.737	35	283	161	165	100	160	180
180	32	193 130 904	1.222	32	244	166	165	76	130	45
180	63	193 130 907	1.843	35	293	171	165	100	160	180
200	32	193 130 914	1.034	32	254	176	165	76	130	45
200	63	193 130 917	1.862	35	303	181	165	100	160	180
225	32	193 130 924	1.027	32	266	188	165	76	130	45
225	63	193 130 927	1.828	35	315	193	165	100	160	180
250	32	193 130 934	1.048	32	279	201	165	76	130	45
250	63	193 130 937	1.876	35	328	206	165	100	160	180



Tapping saddle with electrofusion cap Monobloc version

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- Electrofusion Cap

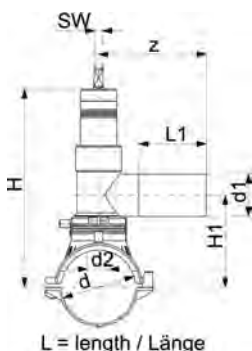


d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
63	20	193 131 632	0.479	25	134	44	126	71	130
63	25	193 131 633	0.483	25	134	44	126	71	130
63	32	193 131 634	0.483	25	134	44	126	76	130

Pressure tapping valve With 360° rotatable outlet

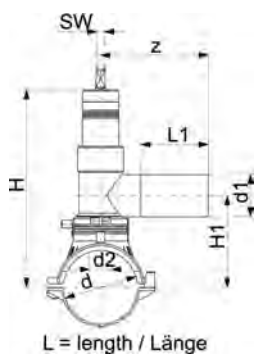


- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated drill bit to tap live mains under pressure
- Complete with lower part and premounted PE100 coated valve piece
- The valve is closed clockwise
- Number of turns to fully open or close valve is 13 for outlet d32
- Number of turns to fully open or close valve is 28 for outlet d63
- Spindle size (SW) 14
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- *moulded-on lower clamp



	d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
	63	32	193 155 234	1.811	21	202	97	165	70	127
	63	63	193 155 237	2.680	31	272	112	165	100	160
	75	32	193 155 244	1.943	21	208	103	165	70	127
	75	63	193 155 247	2.749	31	278	118	165	100	160
	90	32	193 155 254	1.894	21	216	111	165	70	127
	90	63	193 155 257	2.781	31	286	126	165	100	160
*	110	32	193 155 264	1.896	21	226	121	165	70	127
*	110	63	193 155 267	2.739	31	296	136	165	100	160
	125	32	193 155 274	1.986	21	233	128	165	70	127
	125	63	193 155 277	2.867	31	303	143	165	100	160
	140	32	193 155 284	2.009	21	241	136	165	70	127
	140	63	193 155 287	2.908	31	311	151	165	100	160
*	160	32	193 155 294	2.029	21	251	146	165	70	127
*	160	63	193 155 297	2.913	31	321	161	165	100	160
	180	32	193 155 304	2.111	21	261	156	165	70	127
	180	63	193 155 307	2.923	31	331	171	165	100	160
	200	32	193 155 314	2.127	21	271	166	165	70	127
	200	63	193 155 317	3.007	31	341	181	165	100	160
	225	32	193 155 324	2.091	21	281	178	165	70	127
	225	63	193 155 327	2.932	31	353	193	165	100	160
	250	63	193 155 337	2.978	31	366	206	165	100	160

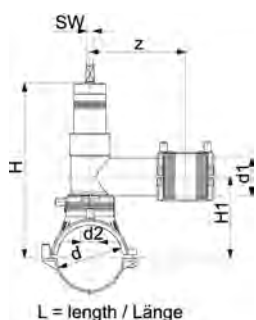
Pressure tapping valve With 360° rotatable outlet



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated drill bit to tap live mains under pressure
- **Suitable for pipes with wall thickness between 7 and 21 mm only.**
- Complete with lower part and premounted PE100 coated valve piece
- The valve is closed clockwise
- Number of turns to fully open or close valve is 13 for outlet d32
- Number of turns to fully open or close valve is 28 for outlet d63
- Spindle size (SW) 14
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- *Delivery without lower part for assembling as Top Load with tool no. 799.350.477; angle adaptor (799.350.340) for fusion cable required

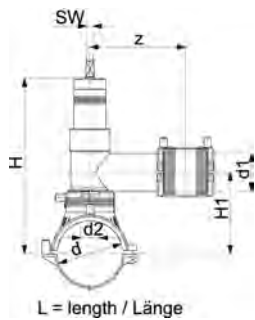
	d [mm]	d1 [mm]	Code	Weight [kg]	L1 [mm]	H1 [mm]	z [mm]	L [mm]	H [mm]	d2 [mm]
	250	32	193 155 334	2.096	70	191	127	165	293	21
*	280	32	193 155 344	1.835	70	191	127	165	293	21
*	280	63	193 155 347	3.000	100	206	160	165	366	31
*	315 - 355	32	193 155 354	3.000	70	191	127	165	293	21
*	315 - 355	63	193 155 357	2.696	100	206	160	165	366	31
*	400	32	193 155 374	3.000	70	191	127	165	293	21
*	400	63	193 155 377	3.000	100	206	160	165	366	31

Pressure tapping valve (kit) With 360° rotatable outlet



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated drill bit to tap live mains under pressure
- Complete with lower part and premounted PE100 coated valve piece
- The valve is closed clockwise
- Number of turns to fully open or close valve is 13 for outlet d32
- Number of turns to fully open or close valve is 28 for outlet d 40, d 50, d 63
- Spindle size (SW) 14
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- Supplied as Kit with enclosed service line fitting (ELGEF Plus Coupler or Reducer)

d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	z [mm]
63	32	193 155 034	1.864	21	202	97	165	127
63	40	193 155 035	2.862	31	272	112	165	160
63	50	193 155 036	2.879	31	272	112	165	160
63	63	193 155 037	2.887	31	272	112	165	160
75	32	193 155 044	3.243	21	208	103	165	127
75	40	193 155 045	3.249	31	278	118	165	160
75	50	193 155 046	3.261	31	278	118	165	160
75	63	193 155 047	3.259	31	278	118	165	160
90	32	193 155 054	1.962	21	216	111	165	127
90	40	193 155 055	2.957	31	286	126	165	160
90	50	193 155 056	2.970	31	286	126	165	160
90	63	193 155 057	2.924	31	286	126	165	160
110	32	193 155 064	2.030	21	226	121	165	127
110	40	193 155 065	2.984	31	296	136	165	160
110	50	193 155 066	2.696	31	296	136	165	160
110	63	193 155 067	3.010	31	296	136	165	160
125	32	193 155 074	2.039	21	233	128	165	127
125	40	193 155 075	3.007	31	303	143	165	160
125	50	193 155 076	3.023	31	303	143	165	160

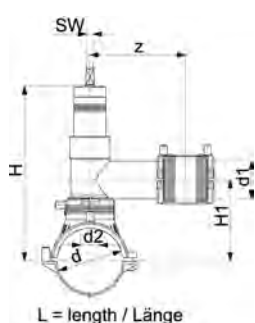


d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	z [mm]
125	63	193 155 077	3.058	31	303	143	165	160
140	32	193 155 084	3.301	21	241	136	165	127
140	40	193 155 085	3.040	31	311	151	165	160
140	50	193 155 086	3.315	31	311	151	165	160
140	63	193 155 087	3.313	31	311	151	165	160
160	32	193 155 094	2.057	21	251	146	165	127
160	40	193 155 095	2.980	31	321	161	165	160
160	50	193 155 096	3.022	31	321	161	165	160
160	63	193 155 097	3.025	31	321	161	165	160
180	32	193 155 104	3.410	21	261	156	165	127
180	40	193 155 105	3.126	31	331	171	165	160
180	50	193 155 106	3.181	31	331	171	165	160
180	63	193 155 107	3.164	31	331	171	165	160
200	32	193 155 114	3.431	21	271	166	165	127
200	40	193 155 115	3.435	31	341	181	165	160
200	50	193 155 116	3.453	31	341	181	165	160
200	63	193 155 117	3.215	31	341	181	165	160
225	32	193 155 124	2.195	21	281	178	165	127
225	40	193 155 125	3.178	31	353	193	165	160
225	50	193 155 126	3.120	31	353	193	165	160
225	63	193 155 127	3.196	31	353	193	165	160
250	40	193 155 135	3.449	30	366	206	165	160
250	50	193 155 136	3.124	30	366	206	165	160
250	63	193 155 137	3.221	30	366	206	165	160

Pressure tapping valve (kit) With 360° rotatable outlet

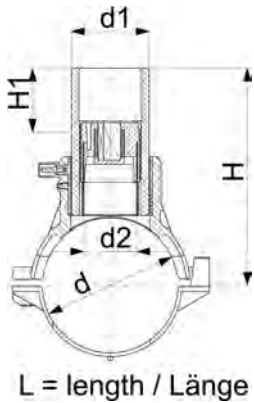


- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated drill bit to tap live mains under pressure
- **Suitable for pipes with wall thickness between 7 and 21 mm only.**
- Complete with lower part and premounted PE100 coated valve piece
- The valve is closed clockwise
- Number of turns to fully open or close valve is 13 for outlet d32
- Number of turns to fully open or close valve is 28 for outlet d 40, d 50, d 63
- Spindle size (SW) 14
- 4 mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- Supplied as Kit with enclosed service line fitting (ELGEF Plus Coupler or Reducer)
- *Delivery without lower part for assembling as Top Load with tool no. 799.350.477; angle adaptor (799.350.340) for fusion cable required



	d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	z [mm]
*		250	32 193 155 134	3.443	21	293	191	165	127
*		280	32 193 155 144	3.118	21	293	191	165	127
*		280	40 193 155 145	2.913	30	366	206	165	160
*		280	50 193 155 146	3.136	30	366	206	165	160
*		280	63 193 155 147	2.719	30	366	206	165	160
*		315 - 355	32 193 155 154	3.118	21	293	191	165	127
*		315 - 355	40 193 155 155	3.124	30	366	206	165	160
*		315 - 355	50 193 155 156	3.136	30	366	206	165	160
*		315 - 355	63 193 155 157	3.134	30	366	206	165	160

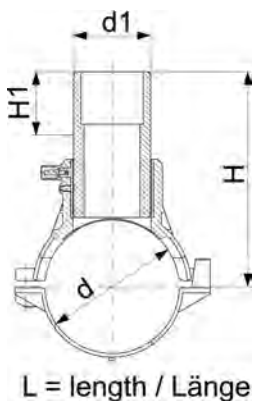
Spigot saddle with cutter



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- d315 - 400 mm: application is limited on pipes d355 and d400 mm. Not suitable for pipes if larger wall thickness than SDR 17 pipes.
- *Delivery without lower part for assembling as Top Load with tool no. 799.350.477; angle adaptor (799.350.340) for fusion cable required

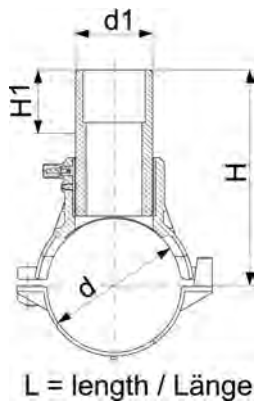
d [mm]	d1 [mm]	Code	Weight [kg]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	SW [mm]	SDR pipe	
	63	32	193 131 234	0.469	19	145	50	165	13	9 - 11
	63	63	193 131 237	1.036	32	152	50	165	17	9 - 11
	75	32	193 131 244	0.618	19	151	50	165	13	9 - 11
	75	63	193 131 247	1.166	32	158	50	165	17	9 - 11
	90	32	193 131 254	0.543	19	158	50	165	13	9 - 11
	90	63	193 131 257	1.128	32	165	50	165	17	9 - 11
	110	32	193 131 264	0.607	19	168	50	165	13	9 - 11
	110	63	193 131 267	1.195	32	175	50	165	17	9 - 11
	125	32	193 131 274	0.659	19	176	50	165	13	9 - 11
	125	63	193 131 277	1.224	32	183	50	165	17	9 - 11
	140	32	193 131 284	0.679	19	183	50	165	13	9 - 11
	140	63	193 131 287	1.224	32	190	50	165	17	9 - 11
	160	32	193 131 294	0.652	19	193	50	165	13	9 - 11
	160	63	193 131 297	1.186	32	200	50	165	17	9 - 11
	180	32	193 131 304	0.777	19	203	50	165	13	9 - 26
	180	63	193 131 307	1.316	32	210	50	165	17	9 - 26
	200	32	193 131 314	0.854	19	213	50	165	13	9 - 26
	200	63	193 131 317	1.352	32	220	50	165	17	9 - 26
	225	32	193 131 324	0.856	19	226	50	165	13	11 - 26
	225	63	193 131 327	1.324	32	233	50	165	17	11 - 26
	250	32	193 131 334	0.787	19	238	50	165	13	11 - 26
	250	63	193 131 337	1.348	32	245	50	165	17	11 - 26
*	280	63	193 131 347	0.830	35	245	50	165	17	11 - 26
*	315 - 355	63	193 131 357	1.094	35	245	50	165	17	17 - 33
*	400	63	193 131 377	0.830	35	245	50	165	17	17 - 33

Spigot saddle



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Complete with lower part
- 4 mm pin connectors
- Limited path fusion indicators
- d315 - 400 mm: application is limited on pipes d355 and d400 mm. Not suitable for pipes if larger wall thickness than SDR 17 pipes.
- *Delivery without lower part for assembling as Top Load with tool no. 799.350.477; angle adaptor (799.350.340) for fusion cable required

d [mm]	d1 [mm]	Code	Weight [kg]	H [mm]	H1 [mm]	L [mm]	
	63	32	193 130 234	0.434	145	50	165
	63	63	193 130 237	0.630	152	50	165
	75	32	193 130 244	0.634	151	50	165
	75	63	193 130 247	0.536	158	50	165
	90	32	193 130 254	0.508	158	50	165
	90	63	193 130 257	0.573	165	50	165
	110	32	193 130 264	0.590	168	50	165
	110	63	193 130 267	0.600	175	50	165
	125	32	193 130 274	0.594	176	50	165
	125	63	193 130 277	0.660	183	50	165
	140	32	193 130 284	0.638	183	50	165
	140	63	193 130 287	0.594	190	50	165
	160	32	193 130 294	0.600	193	50	165



	d [mm]	d1 [mm]	Code	Weight [kg]	H [mm]	H1 [mm]	L [mm]	
	160	63	193 130 297	0.658	200	50	165	
	180	32	193 130 304	0.742	203	50	165	
	180	63	193 130 307	0.771	210	50	165	
	200	32	193 130 314	0.766	213	50	165	
	200	63	193 130 317	0.762	220	50	165	
	225	32	193 130 324	0.730	226	50	165	
	225	63	193 130 327	0.782	233	50	165	
	250	32	193 130 334	0.741	238	50	165	
	250	63	193 130 337	0.792	245	50	165	
*	280	63	193 130 347	0.400	245	50	165	
*	315 - 355	63	193 130 357	0.503	245	50	165	
*	400	63	193 130 377	0.400	245	50	165	

Branch Saddle PE100

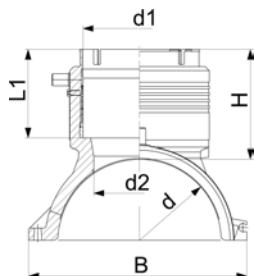
Branch saddle outlet 90-125 mm

Branch saddle topload outlet 90-500 mm



ELGEF Plus branch saddle

Branch saddle outlet 90 - 125 mm



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Branch Saddle complete, incl. lower part and 3 screws
- Additional fixing with snatch hinge
- Electrofusion outlet with integrated pipe fixation
- Protected wire without medium contact
- 4 mm pin connectors
- Limited path fusion indicators
- * Delivered without lower part. Pipe fixation with multiple use assembly tool- no. 193.281.027

	d [mm]	d1 [mm]	Code	Weight [kg]	H [mm]	L [mm]	L1 [mm]	B [mm]	d2 [mm]
	110	90	193 135 009	1.124	101	220	82	164	65
	110	110	193 135 010	1.224	107	220	88	164	65
	125	90	193 135 019	1.134	101	220	82	179	65
	125	110	193 135 020	1.290	107	220	88	179	65
*	140	90	193 135 029	0.982	101	220	81	195	65
*	140	110	193 135 030	1.087	107	220	87	195	65
	160	90	193 135 039	1.449	102	240	82	215	65
	160	110	193 135 040	1.582	108	240	88	215	86
	160	125	193 135 041	1.782	129	240	99	215	86
	180	90	193 135 049	1.672	102	260	82	237	65
	180	110	193 135 050	1.765	108	260	88	237	86
	180	125	193 135 051	2.015	129	260	99	237	86
	200	90	193 135 059	1.803	102	260	82	253	65
	200	110	193 135 060	1.963	108	260	88	253	86
	200	125	193 135 061	2.128	129	260	99	253	86
	225	90	193 135 069	2.006	102	260	82	287	65
	225	110	193 135 070	2.400	108	260	88	287	86
	225	125	193 135 071	2.312	129	260	99	287	86
	250	90	193 135 079	2.145	102	260	82	312	65
	250	110	193 135 080	2.258	108	260	88	312	86
	250	125	193 135 081	2.500	129	260	99	312	86



Cross connection branch saddle

- Enables the connection of two Branch Saddle as a cross
- Complete with screws, flat washers and nuts

d [mm]	Code	Weight [kg]
110 - 160	193 280 880	0.268
180 - 250	193 280 881	0.282

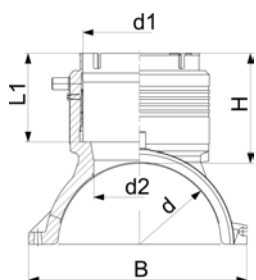


Multiple use assembly tool branch saddle d140mm

- Only to be used with Branch Saddle d140mm
- Delivered as complete Kit including screws and belt

d [mm]	Code	Weight [kg]
140	193 281 027	0.724

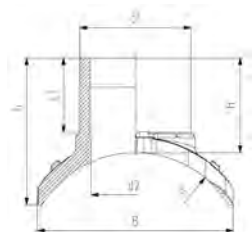
Branch saddle topload outlet 90 - 125 mm



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Branch Saddle for assembling as Topload with tool 799.350.477; angle adaptors (799.350.340) for fusion cable required
- Electrofusion outlet with integrated pipe fixation
- Protected wire without medium contact
- 4 mm pin connectors
- Limited path fusion indicators

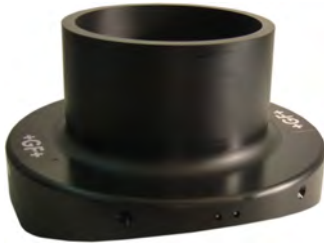
d [mm]	d1 [mm]	Code	Weight [kg]	H [mm]	L [mm]	L1 [mm]	B [mm]	d2 [mm]
280	90	193 135 289	1.242	102	260	82	243	65
280	110	193 135 290	1.295	108	260	88	243	86
280	125	193 135 291	1.530	129	260	99	243	86
315 - 355	90	193 135 309	1.214	102	260	82	249	65
315 - 355	110	193 135 310	1.297	108	260	88	249	86
315 - 355	125	193 135 311	1.530	129	260	99	249	86
400 - 450	90	193 135 329	1.022	102	260	82	256	65
400 - 450	110	193 135 330	1.116	108	260	88	256	86
400 - 450	125	193 135 331	1.369	129	260	99	256	86
500 - 630	90	193 135 159	1.086	102	260	82	263	65
500 - 630	110	193 135 160	1.159	108	260	88	263	86
500 - 630	125	193 135 161	1.388	129	260	99	263	86

Branch saddle topload outlet 160 - 225 mm



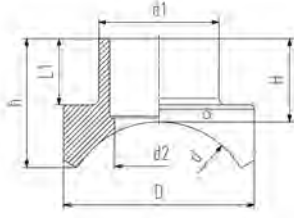
- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Branch Saddle installation only with installation set Topload TL225 (799.300.807)
- Angle adaptors (799.350.340) for fusion cable required
- 4 mm pin connectors
- Limited path fusion indicators
- Spigot outlet for butt- and electrofusion
- Full pressure applicable - no derating factor

d [mm]	d1 [mm]	Code	Weight [kg]	h [mm]	H [mm]	L [mm]	L1 [mm]	B [mm]	d2 [mm]
315	160	193 135 402	2.662	212	137	322	110	282	131
315	225	193 135 404	4.594	306	160	366	127	260	184
355	160	193 135 412	2.662	206	137	322	110	282	131
355	225	193 135 414	4.710	319	160	366	127	249	184
400	160	193 135 422	2.678	198	137	322	110	300	131
400	225	193 135 424	4.700	329	160	366	127	241	184
450	160	193 135 432	2.678	194	137	322	110	300	131
450	225	193 135 434	4.700	329	160	366	127	233	184
500	160	193 135 442	2.708	186	137	322	110	310	131
500	225	193 135 444	4.650	344	160	366	127	226	184
560	160	193 135 452	2.708	183	137	322	110	310	131
560	225	193 135 454	4.650	344	160	366	127	220	184
630	160	193 135 462	2.500	177	137	322	110	312	131
630	225	193 135 464	4.630	353	160	366	127	214	184
710	160	193 135 472	2.500	172	137	322	110	312	131
710	225	193 135 474	4.630	352	160	366	127	208	184
800	160	193 135 482	2.500	168	137	322	110	312	131
800	225	193 135 484	4.610	359	160	366	127	203	184
900	225	193 135 494	4.610	359	160	366	127	199	184
1000	225	193 135 504	4.610	359	160	366	127	195	184

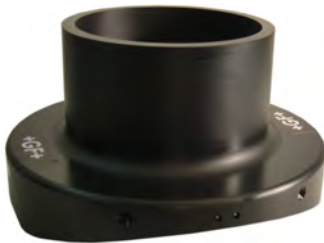


Branch saddle topload outlet 315 mm

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Branch saddle installation only with installation set Topload TL315 (799.350.808) or TL500 (799.300.809)
- Angle adaptors (799.350.340) for fusion cable required
- 4 mm pin connectors
- Protected wire without medium contact
- Spigot outlet for butt- and electrofusion
- Full pressure applicable - no derating factor

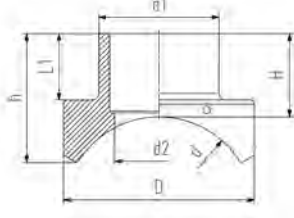


d [mm]	d1 [mm]	Code	Weight [kg]	h [mm]	H [mm]	L [mm]	L1 [mm]	D [mm]	d2 [mm]	SDR pipe
500	315	193 135 446	17.000	216	337	500	157	500	232	11 - 26
560	315	193 135 456	16.100	216	327	500	157	500	232	11 - 26
630	315	193 135 466	15.400	216	312	500	157	500	232	11 - 33
710	315	193 135 476	14.800	216	297	500	157	500	232	11 - 33
800	315	193 135 486	14.300	216	287	500	157	500	232	11 - 33
900	315	193 135 496	13.800	216	281	500	157	500	232	11 - 33
1000	315	193 135 506	13.500	216	274	500	157	500	232	11 - 33



Branch saddle topload outlet 315 - 500 mm

- PE 100 SDR 17 (ISO S8)
- 5 bar Gas / 10 bar Water
- Branch saddle installation only with installation set Topload TL500 (799.300.809)
- Angle adaptors (799.350.340) for fusion cable required
- 4 mm pin connectors
- Protected wire without medium contact
- Spigot outlet for butt- and electrofusion
- Full pressure applicable - no derating factor



d [mm]	d1 [mm]	Code	Weight [kg]	h [mm]	H [mm]	L [mm]	L1 [mm]	D [mm]	d2 [mm]	SDR pipe
710	315	193 135 676	14.000	174	266	500	157	500	250	11 - 33
800	315	193 135 686	13.500	174	261	500	157	500	250	11 - 33
900	315	193 135 696	13.100	174	251	500	157	500	250	11 - 33
900	500	193 135 698	32.600	237	406	700	219	700	397	11 - 33
1000	315	193 135 706	12.800	174	246	500	157	500	250	11 - 33
1000	500	193 135 708	31.400	237	396	700	219	700	397	11 - 33
1200	315	193 135 716	12.300	174	241	500	157	500	250	11 - 33
1200	500	193 135 718	29.400	237	378	700	219	700	397	11 - 33
1400	315	193 135 726	11.900	174	234	500	157	500	250	11 - 33
1400	500	193 135 728	28.100	237	363	700	219	700	397	11 - 33
1600	315	193 135 736	11.700	174	228	500	157	500	250	11 - 33
1600	500	193 135 738	27.100	237	352	700	219	700	397	11 - 33
2000	315	193 135 746	11.300	174	221	500	157	500	250	11 - 33
2000	500	193 135 748	25.700	237	337	700	219	700	397	11 - 33

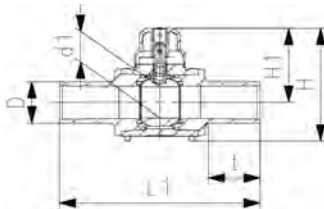
Stop-off Valves PE100

**Valves
Accessories/Spindles**



ELGEF Plus valves

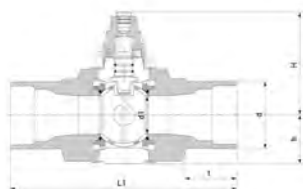
ELGEF Plus ball valve



- PE 100 SDR 11 (ISO S5) - d20 up to d225
- 10 bar Gas / 16 bar Water
- d20 - d110 in accordance with DVGW GW336 / DVGW VP302 / DVGW W364
- d160 up to d225 are supplied with base plate and straps
- d1 = diameter of bore
- Regarding pressure rate and application local standards and regulations have to be considered

d [mm]	Code	Weight [kg]	Weight [kg]	L1 [mm]	t [mm]	H [mm]	H1 [mm]	d1 [mm]
20	193 103 206	0.487	1	264	72	134	96	23
25	193 103 207	0.490	1	264	72	134	96	23
32	193 103 208	0.506	1	274	76	134	96	23
40	193 103 209	0.616	1	301	85	142	100	30
50	193 103 210	0.829	1	327	92	156	107	38
63	193 103 211	1.174	1	350	101	173	114	48
75	193 103 212	1.434	1	376	114	173	114	48
90	193 103 213	2.918	3	439	128	240	158	68
110	193 103 214	4.416	5	497	148	267	171	83
125	193 103 040	4.220	4	405	112	365	280	64
160	193 103 042	10.541	10	450	117	481	364	92
180	193 103 043	10.524	10	540	123	481	364	92
200	193 103 044	12.023	11	540	123	481	364	92
225	193 103 045	24.400	19	877	240	755	540	120

ELGEF Plus ball valve "full bore"



- PE 100 SDR 11 (ISO S5) - d20 up to d225
- 10 bar Gas / 16 bar Water
- d1 = diameter of bore
- For extension spindles with polygon connection

d [mm]	Code	Weight [kg]	Weight [kg]	L1 [mm]	t [mm]	H [mm]	H1 [mm]	d1 [mm]
110	193 104 039	8.973	8	561	100	359	242	92
160	193 104 042	24.254	17	645	145	475	325	120

Extension spindle



- Extension spindle made out of PVC
- 100% plastic solution for a non-corrosive system

Length [mm]	Code	Weight [kg]
500	173 103 080	0.770



ELGEF Plus accessory kit

- Extension spindle made out of PVC
- 100% plastic solution for a non-corrosive system

Article	Code	Weight [kg]
Kit	173 103 056	1.695



ELGEF Plus operational key

- Made out of PVC
- Suitable for all dimensions

Length [mm]	Code	Weight [kg]
200	173 103 082	0.378
500	173 103 083	0.753
1240	173 103 084	1.714

Base plate with straps

Code	Weight [kg]
173 103 081	0.945

Extension Spindle

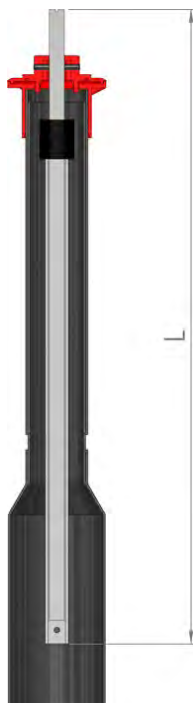
Extension spindle for ELGEF Plus ball valve Telescopic



- For ELGEF Plus ball valve d125-d225mm
- For ELGEF Plus ball valve "Full Bore" d110mm and d160mm
- Continuously adjustable and self-supporting
- Pullout- and dirt-safe
- Rod hot-dip galvanized
- PE-casing and PE-centering cap with gasket
- Polygon-bush from galvanized steel
- PE-sleeve, fitted for all dimensions
- Torque max.140Nm

d-d [mm]	Pipe cover	Code	Weight [kg]
125 - 225	0.75-1.10	173 103 075	2.100
125 - 225	1.10-1.80	173 103 076	3.108
125 - 225	1.65-2.75	173 103 077	7.200

Extension spindle for ELGEF Plus ball valve Telescopic



- For ELGEF Plus ball valve d20-d110mm
- Extension spindle acc. to DVGW GW336
- Steel square connection 20x20mm for d20-75
- Steel square connection 25x25mm for d90-d110
- Continuously adjustable and self-supporting
- Pullout- and dirt-safe
- Rod hot-dip galvanized
- PE-casing and PE-centering cap with gasket
- Inclusive clip-pin out of stainless steel
- Torque max.140Nm

d-d [mm]	Pipe cover	L [m]	Code	Weight [kg]
20 - 75	0.75-1.10	1 - 1	173 103 175	1.590
20 - 75	1.10-1.70	1 - 2	173 103 176	2.544
20 - 75	1.60-2.50	1 - 2	173 103 177	3.872
90 - 110	0.75-1.10	1 - 1	173 103 185	2.500
90 - 110	1.10-1.70	1 - 1	173 103 186	3.710
90 - 110	1.60-2.50	1 - 2	173 103 187	6.040

Extension spindle for tapping valves rigid



- PE-casing with anti-sand cap
- PE-sleeve, suitable for tapping valve
- Square bar steel, hot-dip galvanized
- Clip-pin from stainless steel 1.4301
- Bush CI40 with slot and clip-pin (tool-free connection)

Pipe cover [m]	Code	Weight [kg]	L [mm]
0.75	160 050 620	0.897	490
1.00	160 050 621	1.544	740
1.25	160 050 622	1.944	990
1.50	160 050 623	2.246	1180



Extension spindle for tapping valve telescopic

- Continuously adjustable and self-supporting
- Pullout- and dirt-safe
- Rod hot-dip galvanized
- PE-casing and PE-centering cap with gasket
- Clip-pin from stainless steel 1.4301
- Bush CI40 with slot and clip-pin (tool-free connection)
- PE-sleeve, suitable for tapping valve

Pipe cover [m]	Code	Weight [kg]	L [m]
0.75-1.00	160 050 520	1.475	0.44 - 0.70
1.00-1.50	160 050 521	2.356	0.73 - 1.29
1.30-1.90	160 050 522	2.881	0.89 - 1.59
1.70-2.70	160 050 523	2.000	1.38 - 2.34

Stem square cap



- For operation with operating key "C" in accordance with DIN 3223-C
- conical inner square
- Galvanized

L [mm]	Code	Weight [kg]
28	173 103 105	0.563



Polygon-adapter



- Polygon connection for Extension spindle ELGEF Plus ball valve d20-d110mm
- Fixation to steel square with grub screws
- Galvanized

d-d [mm]	Code	Weight [kg]
20 - 75	173 103 195	0.493
90 - 110	173 103 196	0.515

Polyethylene Piping Systems PE100

**Spigot Fittings for electrofusion
and butt fusion (long ends)**



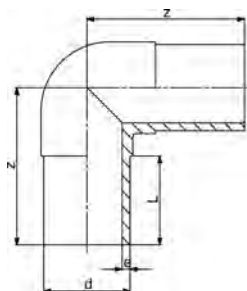
Spigot fittings in PE100

Elbows

Elbow 90° PE 100 SDR11



- Long spigot version
- 10 bar Gas / 16 bar Water

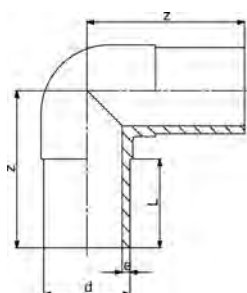


d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]	PF
20	753 101 006	0.027	75	52	3.0	2 51 301 001
25	753 101 007	0.040	80	52	3.0	2 51 301 001
32	753 101 008	0.056	85	54	3.0	2 51 301 001
40	753 101 009	0.089	95	57	3.7	2 51 301 001
50	753 101 010	0.156	105	63	4.6	2 51 301 001
63	753 101 011	0.274	115	65	5.8	2 51 301 001
75	753 101 012	0.414	130	72	6.8	2 51 301 001
90	753 101 013	0.704	150	81	8.2	2 51 301 001
110	753 101 014	1.158	165	86	10.0	2 51 301 001
125	753 101 015	1.609	180	92	11.4	2 51 301 001
140	753 101 016	2.222	194	92	12.7	2 51 301 001
160	753 101 017	3.100	210	102	14.6	2 51 301 001
180	753 101 018	4.328	232	107	16.4	2 51 301 001
200	753 101 019	5.739	253	117	18.2	2 51 301 001
225	753 101 020	7.775	270	122	20.5	2 51 301 001
250	753 101 001	10.506	292	130	22.7	2 51 301 002
280	753 100 922	15.059	320	140	25.4	2 51 301 002
315	753 100 923	21.960	370	150	28.6	2 51 301 002

Elbow 90° PE100 SDR17/17,6



- Long spigot version
- 5 bar Gas / 10 bar Water

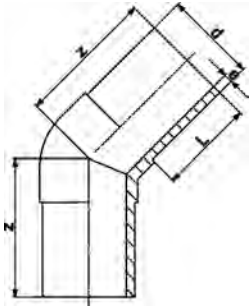


d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]	PSI
90	753 100 813	0.543	150	81	5,4	130
110	753 100 814	0.876	165	86	6,6	130
125	753 100 815	0.927	180	93	7,4	130
140	753 100 816	1.547	194	92	8,3	130
160	753 100 817	2.385	210	102	9,5	130
180	753 100 818	3.205	232	107	10,7	130
200	753 100 819	4.298	253	115	11,9	130
225	753 100 820	5.864	270	120	13,4	130
250	753 100 821	8.000	292	130	14,8	130
280	753 100 822	11.328	320	140	16,6	
315	753 100 823	15.877	370	150	18,7	



Elbow 45° PE100 SDR11

- Long spigot version
- 10 bar Gas / 16 bar Water

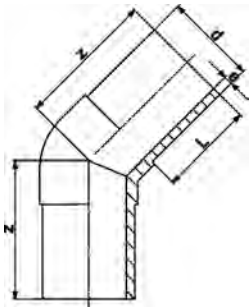


d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]	
20	753 151 006	0.027	70	52	3,0	
25	753 151 007	0.037	75	52	3,0	
32	753 151 008	0.050	80	54	3,0	
40	753 151 009	0.086	85	57	3,7	
50	753 151 010	0.133	90	63	4,6	
63	753 151 011	0.227	95	65	5,8	
75	753 151 012	0.350	105	72	6,8	
90	753 151 013	0.565	120	81	8,2	
110	753 151 014	0.921	130	86	10,0	
125	753 151 015	1.290	140	92	11,4	
140	753 151 016	1.796	164	120	12,7	
160	753 151 017	2.454	162	102	14,6	
180	753 151 018	3.274	170	107	16,4	
200	753 151 019	4.362	186	116	18,2	
225	753 151 020	5.981	200	123	20,5	
250	753 151 021	8.283	220	130	22,7	
280	753 150 922	10.285	230	140	25,4	
315	753 150 923	14.124	250	150	28,6	



Elbow 45° PE100 SDR17/17,6

- 5 bar Gas / 10 bar Water
- Long spigot version



d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]	PSI
90	753 150 813	0.411	120	81	5,4	130
110	753 150 814	0.686	130	86	6,6	130
125	753 150 815	0.948	140	92	7,4	
140	753 150 816	1.259	164	120	8,3	
160	753 150 817	1.901	162	102	9,5	130
180	753 150 818	2.386	170	107	10,7	
200	753 150 819	3.153	186	116	11,9	
225	753 150 820	4.441	205	123	13,4	130
250	753 150 821	6.012	217	130	14,8	130
280	753 150 822	7.489	230	140	16,6	
315	753 150 823	10.123	250	150	18,7	

Elbow 30° PE100 SDR11

- Long spigot version
- 10 bar Gas / 16 bar Water
- Welded design



d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]
32	753 120 908	0.530	70	54	3,0
40	753 120 909	0.530	80	57	3,7
50	753 120 910	0.121	80	63	4,6
63	753 120 911	0.207	80	65	5,8
75	753 120 912	0.311	90	72	6,8
90	753 120 913	0.510	100	81	8,2
110	753 120 914	0.840	105	86	10,0
125	753 120 915	1.174	115	92	11,4
140	753 120 916	1.760	135	92	12,7
160	753 120 917	2.155	130	102	14,6
180	753 120 918	2.911	140	107	16,4
200	753 120 919	3.892	150	116	18,2
225	753 120 920	5.332	165	123	20,5
250	753 120 921	7.307	190	130	22,7
280	753 120 922	10.600	200	139	25,4
315	753 120 923	12.775	200	150	28,6

Elbow 30° PE100 SDR17/17,6

- Long spigot version
- 5 bar Gas / 10 bar Water
- Welded design

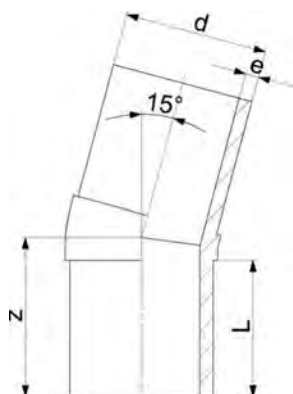


d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]
90	753 120 813	0.363	110	81	5,4
110	753 120 814	0.607	115	86	6,6
125	753 120 815	0.819	125	92	7,4
140	753 120 816	1.112	150	92	8,3
160	753 120 817	1.526	140	102	9,5
180	753 120 818	2.040	150	107	10,7
200	753 120 819	2.780	160	116	11,9
225	753 120 820	3.798	180	123	13,4
250	753 120 821	5.039	200	130	14,8
280	753 120 822	8.100	200	139	16,6
315	753 120 823	8.655	220	150	18,7

Elbow 15° type L PE100 SDR11



- Long spigot version
- 10 bar Gas / 16 bar Water
- Welded design

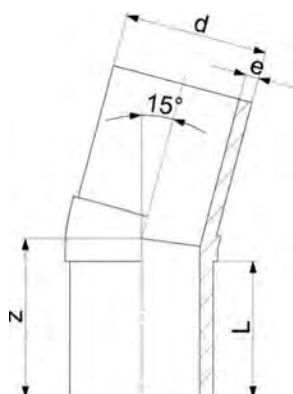


d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]
32	753 141 008	0.051	70	54	3
40	753 141 009	0.082	80	57	4
50	753 141 010	0.118	80	63	5
63	753 141 011	0.200	80	65	6
75	753 141 012	0.290	90	72	7
90	753 141 013	0.479	100	81	8
110	753 141 014	0.785	105	86	10
125	753 141 015	1.063	115	92	11
140	753 141 016	1.600	135	92	13
160	753 141 017	2.170	130	102	15
180	753 141 018	2.653	140	107	16
200	753 141 019	3.438	150	116	18
225	753 141 020	4.765	165	123	21
250	753 141 021	8.300	190	130	23
280	753 141 022	8.322	200	139	25
315	753 141 023	11.292	200	150	29

Elbow 15° PE100 SDR17/17,6



- Long spigot version
- 5 bar Gas / 10 bar Water
- Welded design



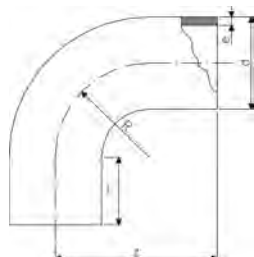
d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]
90	753 140 813	0.337	100	81	5
110	753 140 814	0.551	105	86	7
125	753 140 815	0.728	115	92	7
140	753 140 816	0.370	135	92	8
160	753 140 817	1.364	130	102	10
180	753 140 818	2.040	140	107	11
200	753 140 819	2.371	150	116	12
225	753 140 820	3.335	165	123	13
250	753 140 821	5.830	190	130	15
280	753 140 822	8.100	195	139	17
315	753 140 823	7.528	200	150	19

Bends

Bend 90° PE100 SDR11



- Long spigot version
- bends made out of seamless pipe shall not be shortened
- 10 bar Gas / 16 bar Water
- * made out of seamless pipe. This shall not be shortened.

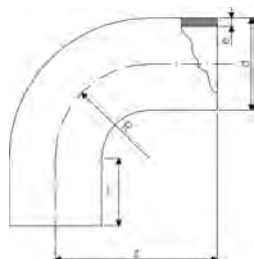


	d [mm]	Code	Weight [kg]	z [mm]	L [mm]	R [mm]	e [mm]
	32	753 001 008	0.050	78	46	32	2,9
	40	753 001 009	0.090	91	49	40	3,7
	50	753 001 010	0.160	107	55	50	4,6
	63	753 001 011	0.280	130	63	63	5,8
	75	753 001 012	0.464	152	70	75	6,8
	90	753 001 013	0.530	168	79	90	8,2
	110	753 001 014	1.282	193	82	110	10,0
	125	753 001 015	1.290	216	87	125	11,4
	140	753 001 016	2.230	232	92	140	12,7
	160	753 001 017	3.424	258	98	160	14,6
	180	753 001 018	5.000	290	105	180	16,4
	200	753 001 019	6.925	317	112	200	18,2
	225	753 001 020	9.770	350	120	225	20,5
	250	753 001 021	9.230	375	130	250	22,7
	280	753 001 022	15.487	430	150	280	25,4
	315	753 001 023	23.950	470	150	315	28,6
*	355	753 001 024	53.300	900	250	533	32,3
*	400	753 001 025	71.900	980	250	600	36,4
*	450	753 001 026	97.300	1070	250	675	40,9
*	500	753 001 027	134.000	1200	280	750	45,5
*	560	753 001 028	179.300	1290	280	840	50,9
*	630	753 001 029	243.200	1400	280	945	57,3
*	710	753 001 030	469.943	2200	570	1630	
*	800	753 001 031	577.131	2200	480	1720	

Bend 90° PE100 SDR17



- Long spigot version
- 5 bar Gas / 10 bar Water
- bends made out of seamless pipe shall not be shortened
- * made out of seamless pipe. This shall not be shortened.



	d [mm]	Code	Weight [kg]	L [mm]	R [mm]	z [mm]	e [mm]
	90	753 000 813	0.520	79	90	168	5,4
	110	753 000 814	0.465	82	110	193	6,6
	125	753 000 815	1.300	87	125	216	7,4
	140	753 000 816	1.789	92	140	232	8,3
	160	753 000 817	2.410	98	160	258	9,5
	180	753 000 818	4.000	105	180	290	10,7
	200	753 000 819	6.500	112	200	317	11,9
	225	753 000 820	6.414	120	225	350	13,4
	250	753 000 821	9.940	130	250	375	14,8
	280	753 000 822	13.795	150	280	430	16,6
	315	753 000 823	24.000	150	315	470	18,7
*	355	753 000 824	36.700	250	533	900	21,1
*	400	753 000 825	49.700	250	600	980	23,7
*	450	753 000 826	66.600	250	675	1070	26,7
*	500	753 000 827	87.400	280	750	1200	29,7
*	560	753 000 828	116.000	280	840	1290	33,2
*	630	753 000 829	159.600	280	945	1400	37,4
*	710	753 000 830	317.382	570	1630	2200	
*	800	753 000 831	389.859	480	1720	2200	

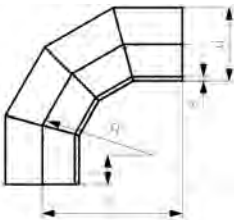


Bend 90° PE100 SDR17

Model:

- Conventional butt-welding according to DVS 2207 part 11
- Production process: segment welded
- Segment-welded fittings have a pressure reduction factor of 0.8
- 8 bar water

- Long spigot version

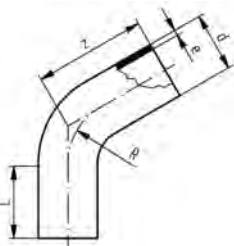


d [mm]	Code	Weight [kg]	z [mm]	L [mm]	R [mm]	e [mm]
710	753 002 001	202.419	1415	350	1065	42.1
800	753 002 002	279.918	1550	350	1200	47.4
900	753 002 003	386.595	1700	350	1350	53.3
1000	753 002 004	534.660	1900	400	1500	59.3



Bend 60° PE100 SDR11

- bends made out of seamless pipe shall not be shortened
- made out of seamless pipe
- Long spigot version
- 10 bar Gas / 16 bar Water

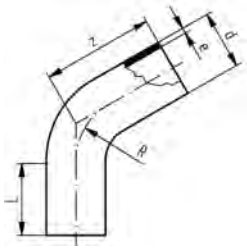


d [mm]	Code	Weight [kg]	R [mm]	L [mm]	z [mm]	e [mm]
32	753 071 008	0.070	48	80	128	2,9
40	753 071 009	0.120	60	80	135	3,7
50	753 071 010	0.240	75	100	158	4,6
63	753 071 011	0.420	95	100	173	5,8
75	753 071 012	0.600	113	100	182	6,8
90	753 071 013	0.900	135	100	193	8,2
110	753 071 014	1.780	165	150	270	10,0
125	753 071 015	2.500	188	150	283	11,4
140	753 071 016	2.700	210	150	296	12,7
160	753 071 017	4.574	240	150	313	14,6
180	753 071 018	4.900	270	150	330	16,4
200	753 071 019	6.400	300	150	348	18,2
225	753 071 020	8.600	338	150	370	20,5
250	753 071 021	14.500	375	250	500	22,7
280	753 071 022	19.100	420	250	530	25,4
315	753 071 023	25.600	473	250	612	28,6
355	753 071 024	41.700	533	300	690	32,3
400	753 071 025	55.800	600	300	730	36,4
450	753 071 026	76.000	675	300	780	40,9
500	753 071 027	104.600	750	350	880	45,5
560	753 071 028	139.500	840	350	930	50,9
630	753 071 029	188.500	945	350	1000	57,3



Bend 60° PE100 SDR17/17,6

- bends made out of seamless pipe shall not be shortened
- Long spigot version
- 5 bar Gas / 10 bar Water
- made out of seamless pipe

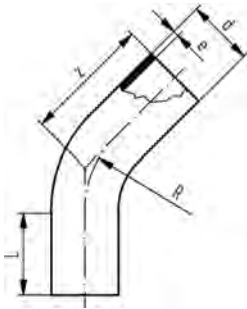


d [mm]	Code	Weight [kg]	e [mm]	R [mm]	z [mm]	L [mm]
90	753 070 813	0.600	5,4	135	193	100
110	753 070 814	1.280	6,6	165	270	150
125	753 070 815	1.300	7,4	187	283	150
140	753 070 816	1.800	8,3	210	296	150
160	753 070 817	3.160	9,5	240	313	150
180	753 070 818	3.190	10,7	270	330	150
200	753 070 819	4.200	11,9	300	348	150
225	753 070 820	5.600	13,4	337	370	150
250	753 070 821	9.250	14,8	375	500	250
280	753 070 822	15.000	16,6	420	530	250
315	753 070 823	19.500	18,7	472	612	250
355	753 070 824	30.100	21,1	532	690	300
400	753 070 825	38.200	23,7	600	730	300
450	753 070 826	53.700	26,7	675	780	300
500	753 070 827	73.900	29,7	750	880	350
560	753 070 828	98.200	33,2	840	930	350
630	753 070 829	132.300	37,4	945	1000	350



Bend 45° PE100 SDR11

- Long spigot version
- 10 bar Gas / 16 bar Water
- made out of seamless pipe
- bends made out of seamless pipe shall not be shortened



d [mm]	Code	Weight [kg]	e [mm]	z [mm]	R [mm]	L [mm]
32	753 051 008	0.077	2,9	120	48	80
40	753 051 009	0.120	3,7	120	60	80
50	753 051 010	0.240	4,6	149	75	100
63	753 051 011	0.360	5,8	161	95	100
75	753 051 012	0.560	6,8	168	113	100
90	753 051 013	0.760	8,2	177	135	100
110	753 051 014	1.700	10,0	243	165	150
125	753 051 015	2.186	11,4	253	188	150
140	753 051 016	2.800	12,7	262	210	150
160	753 051 017	3.800	14,6	274	240	160
180	753 051 018	5.140	16,4	287	270	150
200	753 051 019	7.058	18,2	299	300	150
225	753 051 020	7.400	20,5	315	338	150
250	753 051 021	13.000	22,7	440	375	250
280	753 051 022	22.000	25,4	460	420	250
315	753 051 023	24.930	28,6	535	473	250
355	753 051 024	39.500	32,3	620	533	300
400	753 051 025	48.500	36,4	650	600	300
450	753 051 026	69.800	40,9	680	675	300
500	753 051 027	96.300	45,5	760	750	350
560	753 051 028	129.800	50,9	800	840	350
630	753 051 029	174.000	57,3	870	945	350

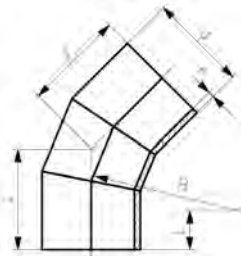


Bend 45° PE100 SDR17/17,6

Model:

- Conventional butt-welding according to DVS 2207 part 11
- Production process: segment welded
- Segment-welded fittings have a pressure reduction factor of 0.8
- 8 bar water

- Long spigot version

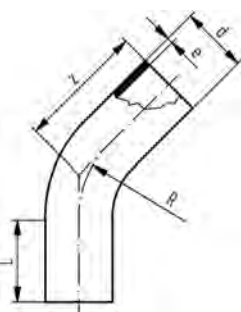


d [mm]	Code	Weight [kg]	z [mm]	L [mm]	R [mm]	e [mm]
710	753 003 001	129.998	792	350	1065	42.1
800	753 003 002	176.165	847	350	1200	47.4
900	753 003 003	252.638	960	350	1350	53.3
1000	753 003 004	332.107	1022	400	1500	59.3



Bend 45° PE100 SDR17/17,6

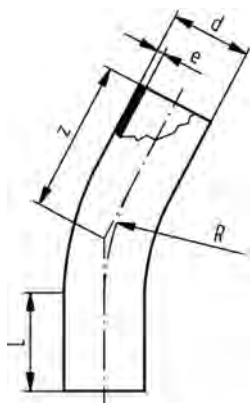
- Long spigot version
- 5 bar Gas / 10 bar Water
- made out of seamless pipe
- bends made out of seamless pipe shall not be shortened



d [mm]	Code	Weight [kg]	R [mm]	e [mm]	z [mm]	L [mm]
90	753 050 813	0.600	135	5,4	177	100
110	753 050 814	1.208	165	6,6	243	150
125	753 050 815	1.540	188	7,4	253	150
140	753 050 816	1.720	210	8,3	262	150
160	753 050 817	2.200	240	9,5	274	150
180	753 050 818	3.000	270	10,7	287	150
200	753 050 819	3.700	300	11,9	299	150
225	753 050 820	5.000	338	13,4	315	150
250	753 050 821	10.691	375	14,8	440	250
280	753 050 822	15.000	420	16,6	460	250
315	753 050 823	17.800	473	18,7	535	250
355	753 050 824	25.600	533	21,1	620	300
400	753 050 825	36.600	600	23,7	650	300
450	753 050 826	45.300	675	26,7	680	300
500	753 050 827	62.400	750	29,7	760	350
560	753 050 828	81.900	840	33,2	800	350
630	753 050 829	62.400	945	37,4	870	350

Bend 30° PE100 SDR11

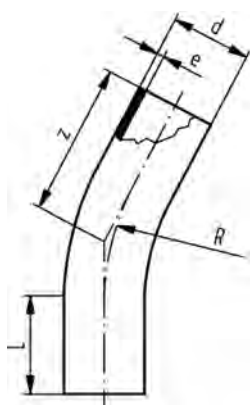
- Long spigot version
- 10 bar Gas / 16 bar Water
- made out of seamless pipe
- bends made out of seamless pipe shall not be shortened



d [mm]	Code	Weight [kg]	L [mm]	z [mm]	e [mm]	R [mm]
32	753 061 008	0.077	80	113	2,9	48
40	753 061 009	0.120	80	116	3,7	60
50	753 061 010	0.200	100	140	4,6	75
63	753 061 011	0.400	100	150	5,8	95
75	753 061 012	0.520	100	155	6,8	113
90	753 061 013	0.760	100	160	8,2	135
110	753 061 014	1.689	150	219	10,0	165
125	753 061 015	2.096	150	225	11,4	188
140	753 061 016	2.200	150	231	12,7	210
160	753 061 017	3.650	150	239	14,6	240
180	753 061 018	4.782	150	247	16,4	270
200	753 061 019	5.777	150	255	18,2	300
225	753 061 020	6.300	150	266	20,5	338
250	753 061 021	13.100	250	385	22,7	375
280	753 061 022	16.300	250	400	25,4	420
315	753 061 023	21.850	250	460	28,6	473
355	753 061 024	34.900	300	540	32,3	533
400	753 061 025	45.900	300	560	36,4	600
450	753 061 026	60.200	300	580	40,9	675
500	753 061 027	83.300	350	630	45,5	750
560	753 061 028	108.600	350	680	50,9	840
630	753 061 029	148.300	350	730	57,3	945

Bend 30° PE100 SDR17/17,6

- Long spigot version
- 5 bar Gas / 10 bar Water
- made out of seamless pipe
- bends made out of seamless pipe shall not be shortened

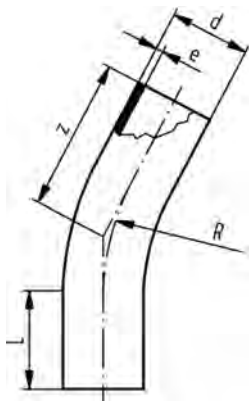


d [mm]	Code	Weight [kg]	z [mm]	L [mm]	R [mm]	e [mm]
90	753 060 813	0.500	160	100	135	5,4
110	753 060 814	1.060	219	150	165	6,6
125	753 060 815	1.100	225	150	188	7,4
140	753 060 816	1.720	231	150	210	8,3
160	753 060 817	2.565	239	150	240	9,5
180	753 060 818	3.389	247	150	270	10,7
200	753 060 819	4.213	255	150	300	11,9
225	753 060 820	7.540	266	150	338	13,4
250	753 060 821	11.600	385	250	375	14,8
280	753 060 822	12.800	400	250	420	16,6
315	753 060 823	25.000	460	250	473	18,7
355	753 060 824	22.700	540	300	533	21,1
400	753 060 825	29.800	560	300	600	23,7
450	753 060 826	39.100	580	300	675	26,7
500	753 060 827	54.000	650	350	750	29,7
560	753 060 828	70.300	680	350	840	33,2
630	753 060 829	95.800	730	350	945	37,4

Bend 22° PE100 SDR11



- Long spigot version
- 10 bar Gas / 16 bar Water
- made out of seamless pipe
- bends made out of seamless pipe shall not be shortened

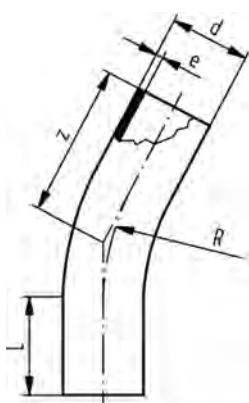


d [mm]	Code	Weight [kg]	z [mm]	L [mm]	R [mm]	e [mm]
32	753 081 008	0.077	113	80	48	2,9
40	753 081 009	0.120	116	80	60	3,7
50	753 081 010	0.200	140	100	75	4,6
63	753 081 011	0.400	150	100	95	5,8
75	753 081 012	0.520	155	100	113	6,8
90	753 081 013	0.760	160	100	135	8,2
110	753 081 014	1.500	219	150	165	10,0
125	753 081 015	2.000	225	150	188	11,4
140	753 081 016	2.200	231	150	210	12,7
160	753 081 017	3.300	239	150	240	14,6
180	753 081 018	3.700	247	150	270	16,4
200	753 081 019	4.750	255	150	300	18,2
225	753 081 020	6.300	266	150	338	20,5
250	753 081 021	14.015	385	250	375	22,7
280	753 081 022	18.510	400	250	420	25,4
315	753 081 023	21.845	460	250	473	28,6
355	753 081 024	34.900	540	300	533	32,3
400	753 081 025	45.900	560	300	600	36,4
450	753 081 026	60.200	580	300	675	40,9
500	753 081 027	83.300	650	350	750	45,5
560	753 081 028	108.600	680	350	840	50,9
630	753 081 029	148.300	730	350	945	57,3

Bend 22° PE100 SDR17/17,6



- Long spigot version
- 5 bar Gas / 10 bar Water
- made out of seamless pipe
- bends made out of seamless pipe shall not be shortened

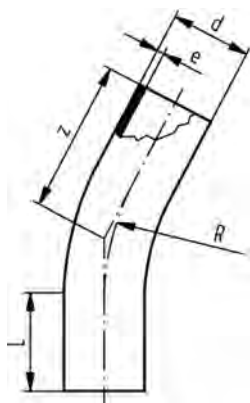


d [mm]	Code	Weight [kg]	R [mm]	e [mm]	z [mm]	L [mm]
90	753 080 813	0.500	135	5	160	100
110	753 080 814	1.060	165	7	219	150
125	753 080 815	1.100	188	7	225	150
140	753 080 816	1.720	210	8	231	150
160	753 080 817	1.900	240	10	239	150
180	753 080 818	3.318	270	11	247	150
200	753 080 819	3.200	300	12	255	150
225	753 080 820	5.431	338	13	266	150
250	753 080 821	9.904	375	15	385	250
280	753 080 822	12.800	420	17	400	250
315	753 080 823	14.144	473	19	460	250
355	753 080 824	22.700	533	21	540	300
400	753 080 825	29.800	600	24	560	300
450	753 080 826	39.100	675	27	580	300
500	753 080 827	54.000	750	30	650	350
560	753 080 828	70.300	840	33	680	350
630	753 080 829	95.800	945	37	730	350

Bend 11° PE100 SDR11



- Long spigot version
- 10 bar Gas / 16 bar Water
- made out of seamless pipe
- bends made out of seamless pipe shall not be shortened

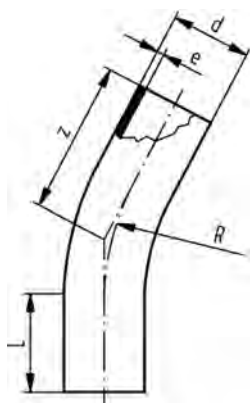


d [mm]	Code	Weight [kg]	L [mm]	e [mm]	z [mm]	R [mm]
32	753 091 008	0.077	80	3	113	48
40	753 091 009	0.120	80	4	116	60
50	753 091 010	0.200	100	5	140	75
63	753 091 011	0.400	100	6	150	95
75	753 091 012	0.520	100	7	155	113
90	753 091 013	0.760	100	8	160	135
110	753 091 014	1.500	150	10	219	165
125	753 091 015	2.000	150	11	225	188
140	753 091 016	2.200	150	13	231	210
160	753 091 017	3.300	150	15	239	240
180	753 091 018	3.700	150	16	247	270
200	753 091 019	4.750	150	18	255	300
225	753 091 020	7.773	150	21	266	338
250	753 091 021	13.100	250	23	385	375
280	753 091 022	16.300	250	25	400	420
315	753 091 023	21.845	250	29	460	473
355	753 091 024	34.900	300	32	540	533
400	753 091 025	45.900	300	36	560	600
450	753 091 026	60.200	300	41	580	675
500	753 091 027	83.300	350	46	650	750
560	753 091 028	108.600	350	51	680	840
630	753 091 029	148.300	350	57	730	945

Bend 11° PE100 SDR17/17,6



- Long spigot version
- 5 bar Gas / 10 bar Water
- made out of seamless pipe
- bends made out of seamless pipe shall not be shortened



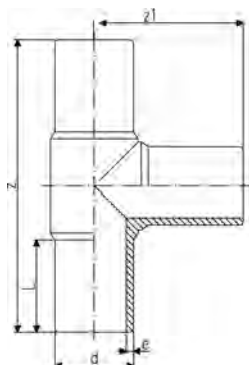
d [mm]	Code	Weight [kg]	z [mm]	L [mm]	R [mm]	e [mm]
90	753 090 813	0.500	160	100	135	5
110	753 090 814	1.060	219	150	165	7
125	753 090 815	1.100	225	150	188	7
140	753 090 816	1.720	231	150	210	8
160	753 090 817	2.653	239	150	240	10
180	753 090 818	2.500	247	150	270	11
200	753 090 819	4.308	255	150	300	12
225	753 090 820	7.540	266	150	338	13
250	753 090 821	11.600	385	250	375	15
280	753 090 822	12.800	400	250	420	17
315	753 090 823	25.000	460	250	473	19
355	753 090 824	22.700	540	300	533	21
400	753 090 825	29.800	560	300	600	24
450	753 090 826	39.100	580	300	675	27
500	753 090 827	54.000	650	350	750	30
560	753 090 828	70.300	680	350	840	33
630	753 090 829	95.800	730	350	945	37

Tees

Tee 90° equal PE100 SDR11



- Long spigot version
- 10 bar Gas / 16 bar Water
- * With welded pipes
- * Segment welded and reinforced
- * No pressure reduction factor



	d [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L [mm]	e [mm]
	20	753 201 006	0.038	150	75	52	3,0
	25	753 201 007	0.054	160	80	52	3,0
	32	753 201 008	0.077	170	85	54	3,0
	40	753 201 009	0.130	190	95	57	3,7
	50	753 201 010	0.214	210	105	63	4,6
	63	753 201 011	0.376	230	115	65	5,8
	75	753 201 012	0.599	264	132	72	6,8
	90	753 201 013	1.021	300	150	81	8,2
	110	753 201 014	1.612	330	165	86	10,0
	125	753 201 015	2.420	366	183	92	11,4
	140	753 201 016	3.090	393	193	92	12,7
	160	753 201 017	4.403	420	210	102	14,6
	180	753 201 018	6.014	460	230	107	16,4
	200	753 201 019	8.480	500	250	117	18,2
	225	753 201 020	11.507	540	270	122	20,5
	250	753 201 001	14.099	575	288	130	22,7
	280	753 200 902	18.670	615	308	139	25,4
	315	753 200 903	26.150	695	346	150	28,6
	355	753 200 904	39.800	818	410	165	32,3
	400	753 200 905	42.495	910	455	180	36,4
	450	753 200 906	77.300	970	485	195	40,9
	500	753 200 907	101.000	1060	530	215	45,5
*	560	753 200 908	153.300	1510	755	230	50,9
*	630	753 200 909	205.500	1630	815	250	57,3
*	710	753 201 120	318.698	1720	860	450	64,5
*	800	753 201 121	409.142	1780	890	450	72,6

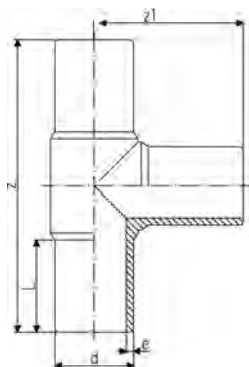
Tee 90° equal PE100 SDR17/17,6



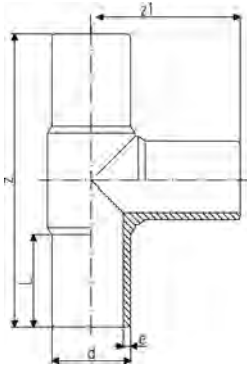
- Long spigot version
- * Segment welded and reinforced
- * With welded pipes
- * No pressure reduction factor

Model:

- 5 bar Gas / 10 bar Water



	d [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L [mm]	e [mm]
	90	753 200 813	0.777	300	150	80	5,4
	110	753 200 814	1.231	330	165	86	6,6
	125	753 200 815	1.690	366	183	92	7,4
	140	753 200 816	2.202	396	196	92	8,3
	160	753 200 817	3.201	428	214	104	9,5
	180	753 200 818	4.287	460	230	105	10,7
	200	753 200 819	5.889	500	250	115	11,9
	225	753 200 820	7.886	540	270	122	13,4
	250	753 200 821	10.000	575	288	130	14,8
	280	753 200 802	13.350	615	308	139	16,6
	315	753 200 803	17.985	695	346	150	18,7
	355	753 200 804	25.850	818	410	165	21,1
	400	753 200 805	35.015	910	455	180	23,7
	450	753 200 806	56.000	970	485	195	26,7
	500	753 200 807	71.000	1060	530	215	29,7



	d [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L [mm]	e [mm]
*	560	753 200 808	99.200	1510	755	230	33,2
*	630	753 200 809	132.700	1630	815	250	37,4
*	710	753 201 920	219.870	1720	860	450	42,1
*	800	753 201 921	281.495	1780	890	450	47,4

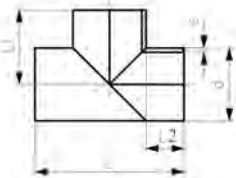


Tee 90° equal PE100 SDR17/17,6

Model:

- Conventional butt-welding according to DVS 2207 part 11
- Production process: segment welded
- Does not conform to pressure rating. Pressure reduction factor of 0.5
- 5 bar water

- Long spigot version



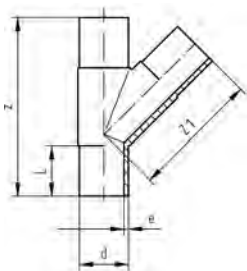
d [mm]	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	e [mm]
710	753 202 810	158.180	1410	705	350	42.1
800	753 202 811	210.302	1500	750	350	47.4
900	753 202 812	302.118	1700	850	400	53.3
1000	753 202 813	457.054	2040	1020	520	59.3



Tee 45° equal PE100 SDR11

- Long spigot version

d [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L [mm]	e [mm]
50	753 510 010	0.300	220	160	60	4,6
63	753 251 011	0.440	255	158	63	6,15
75	753 251 012	0.800	301	190	70	6,8
90	753 251 013	1.373	368	234	79	8,2
110	753 251 014	1.800	395	260	82	10,0





Tee 45° equal PE100 SDR17/17,6

- 5 bar Gas / 10 bar Water
- Long spigot version

d [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L [mm]	e [mm]
90	753 251 063	0.800	368	234	79	5,4
110	753 251 064	1.400	395	260	82	6,6

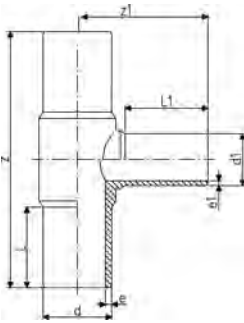


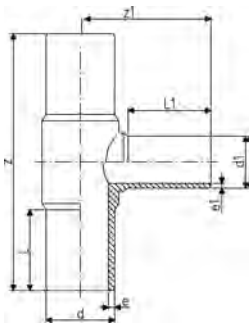
Tee 90° reduced PE100 SDR11

Model:

- moulded
- 10 bar Gas / 16 bar Water
- Long spigot version

d [mm]	d1 [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L [mm]	L1 [mm]	e [mm]	e1 [mm]
63	40	753 201 026	0.312	230	107	60	58	2	1,75
63	50	753 201 044	0.305	216	103	60	56	5.8	4.6
75	32	753 201 045	0.519	258	106	70	46	6.8	2.9
75	50	753 201 046	0.531	257	110	70	56	6.8	4.6
75	63	753 201 047	0.554	252	117	70	63	6.8	5.8
90	50	753 201 027	0.794	280	120	79	55	8.2	4.6
90	63	753 201 029	0.775	282	127	79	63	8.2	5.8
90	75	753 201 030	0.779	272	138	73	68	8.2	6.8
110	63	753 201 028	1.409	322	148	87	63	10.0	5.8
110	75	753 201 031	1.221	305	148	83	68	10.0	6.8
110	90	753 201 032	1.275	322	164	86	79	10.0	8.2
125	90	753 201 048	1.717	332	168	109	89	11.4	8.2
125	110	753 201 033	1.909	340	167	90	83	11.4	10.0
160	63	753 201 034	2.680	416	174	105	65	14.6	5.8
160	75	753 201 035	2.676	344	179	101	76	14.6	6.8
160	90	753 201 036	2.775	415	190	101	79	14.6	8.2
160	110	753 201 037	3.300	415	200	101	82	14.6	10.0
180	90	753 201 049	4.410	420	200	136	97	16.4	8.2
180	110	753 201 050	4.379	430	206	145	101	16.4	10.0
180	160	753 201 038	4.715	414	203	105	94	16.4	14.6
200	63	753 201 073	7.300	503	196	122	63	18.2	5.8
200	90	753 201 074	9.730	500	216	122	79	18.2	8.2
200	110	753 201 075	7.120	505	219	122	82	18.2	10.0
200	160	753 201 076	9.730	500	237	122	98	18.2	14.6
225	75	753 201 039	9.880	560	219	120	70	20.5	6.8
225	90	753 201 040	6.633	555	228	120	80	20.5	8.2
225	110	753 201 041	10.010	559	238	120	82	20.5	10.0
225	160	753 201 042	8.095	555	258	120	98	20.5	14.6
225	180	753 201 043	9.375	559	284	120	105	20.5	16.4
250	110	753 201 078	11.820	584	284	130	82	22.7	10.0
250	160	753 201 079	12.302	586	266	127	98	22.7	14.6



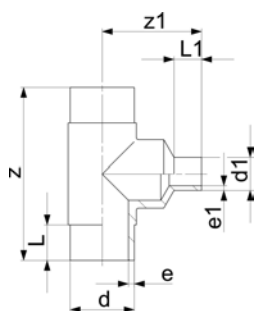


d [mm]	d1 [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L [mm]	L1 [mm]	e [mm]	e1 [mm]
315	110	753 201 051	15.300	705	282	150	82	28.6	10.0
315	160	753 201 052	22.998	705	301	150	102	28.6	14.6
315	225	753 201 053	20.011	658	335	170	145	28.6	20.5
315	250	753 201 054	24.243	695	331	150	130	28.6	22.7

Tee 90° reduced PE100 SDR11

Model:

- with welded reducer
- 10 bar Gas / 16 bar Water
- Long spigot version

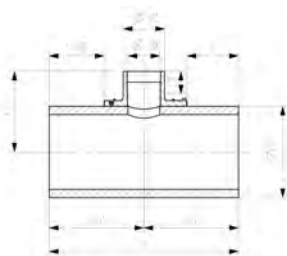


d [mm]	d1 [mm]	Code	Weight [kg]	z1 [mm]	z [mm]	L [mm]	L1 [mm]	e [mm]	e1 [mm]
25	20	753 201 002	0.053		160	52	52	3.0	3.0
32	20	753 201 003	0.094	105	170	54	52	3.0	3.0
32	25	753 201 004	0.098	110	170	54	52	3.0	3.0
40	20	753 201 005	0.124	120	190	57	52	3.7	3.0
40	25	753 201 069	0.160	120	190	57	52	3.7	3.0
40	32	753 201 070	0.160	120	190	57	52	3.7	3.0
50	20	753 201 072	0.252	140	210	63	52	4.6	3.0
50	25	753 201 077	0.203	130	210	63	52	4.6	3.0
50	32	753 201 080	0.207	130	210	63	53	4.6	3.0
50	40	753 201 081	0.224	130	210	63	57	4.6	3.7
63	32	753 201 082	0.359	140	230	65	53	5.8	3.0
63	40	753 201 116	0.480	145	230	65	57	5.8	3.7
75	40	753 201 084	0.603	180	264	72	57	6.8	3.7
125	63	753 201 085	2.359	225	366	92	61	11.4	5.8
125	75	753 201 086	2.434	235	366	92	72	11.4	6.8
140	75	753 201 087	3.038	230	396	92	70	12.7	6.8
140	90	753 201 089	3.092	235	396	92	79	12.7	8.2
140	110	753 201 090	3.208	240	396	92	82	12.7	10.0
140	125	753 201 091	4.170	240	396	92	90	12.7	11.4
160	125	753 201 092	4.544	265	420	102	92	14.6	11.4
160	140	753 201 093	5.895	270	420	102	96	14.6	12.7
180	125	753 201 094	6.111	285	460	107	92	16.4	11.4
180	140	753 201 095	6.317	295	460	107	110	16.4	12.7
200	125	753 201 096	8.424	295	500	117	92	18.2	11.4
200	140	753 201 097	10.570	310	500	117	110	18.2	12.7
200	180	753 201 098	9.031	310	500	117	110	18.2	16.4
225	125	753 201 099	11.260	320	540	122	92	20.5	11.4
225	140	753 201 100	14.574	335	540	122	110	20.5	12.7
225	200	753 201 101	14.925	340	540	122	117	20.5	18.2
250	180	753 201 102	14.327	350	576	130	105	22.7	16.4
250	200	753 201 103	19.220	360	576	130	112	22.7	18.2
250	225	753 201 104	15.240	390	576	130	120	22.7	20.5
280	200	753 201 105	24.520	420	616	139	112	25.4	18.2
280	225	753 201 106	21.755	420	616	139	120	25.4	20.5
280	250	753 201 107	21.055	420	616	139	130	25.4	22.7
315	200	753 201 108	33.672	470	690	150	134	28.6	18.2
315	280	753 201 109	34.950	480	690	150	139	28.6	25.4
355	250	753 201 110	48.900	530	818	165	130	32.3	22.7
355	280	753 201 111	49.300	480	818	165	139	32.3	25.4
355	315	753 201 112	49.690	480	818	165	150	32.3	28.6
400	280	753 201 113	52.915	530	910	180	139	36.4	25.4
400	315	753 201 114	53.625	580	910	180	150	36.4	28.6
400	355	753 201 115	54.075	675	910	180	165	36.4	32.3



Tee 90° reduced with welded saddle PE100 SDR11

- 10 bar Gas / 16 bar Water
- Long spigot version

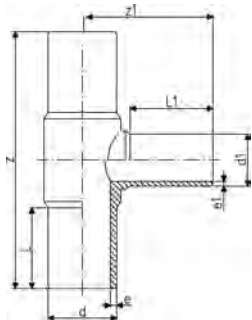


d	d1	Code	Weight	z	z1	L	L1	d2
[mm]	[mm]		[kg]	[mm]	[mm]	[mm]	[mm]	[mm]
315	225	753 201 404	22.570	702	318	168	127	172
355	90	753 201 356	27.729	818	410	279	81	70
355	110	753 201 357	28.204	818	410	279	86	90
355	125	753 201 358	28.820	818	410	279	92	90
355	160	753 201 412	26.450	732	315	205	110	123
355	225	753 201 414	28.500	732	338	183	127	172
400	90	753 201 359	38.213	910	455	325	81	70
400	110	753 201 360	38.763	910	455	325	86	90
400	125	753 201 361	39.393	910	455	325	92	90
400	160	753 201 422	34.150	762	337	220	110	123
400	225	753 201 424	36.170	762	360	198	127	172
450	90	753 201 362	50.936	970	485	355	81	70
450	110	753 201 363	51.516	970	485	355	86	90
450	125	753 201 364	52.173	970	485	355	92	90
450	160	753 201 432	44.420	792	362	235	110	123
450	225	753 201 434	46.440	792	385	213	127	172
500	90	753 201 365	68.151	1060	530	400	81	70
500	110	753 201 366	68.774	1060	530	400	86	90
500	125	753 201 367	69.472	1060	530	400	92	90
500	160	753 201 442	66.510	980	387	329	110	123
500	225	753 201 444	68.450	980	410	307	127	172
560	90	753 201 368	120.536	1510	755	625	81	70
560	110	753 201 369	121.384	1510	755	625	86	90
560	125	753 201 370	122.278	1510	755	625	92	90
560	160	753 201 452	85.020	1010	417	344	110	123
560	225	753 201 454	86.970	1010	440	322	127	172
630	90	753 201 371	163.834	1630	815	685	81	70
630	110	753 201 372	164.742	1630	815	685	86	90
630	125	753 201 373	165.688	1630	815	685	92	90
630	160	753 201 462	111.120	1050	452	364	110	123
630	225	753 201 464	113.250	1050	475	342	127	172

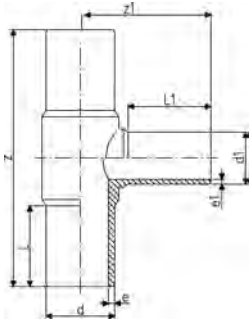


Tee 90° reduced PE100 SDR17/17.6

- moulded
- Long spigot version
- 5 bar Gas / 10 bar Water



d	d1	Code	Weight	z	z1	L	L1	e	e1
[mm]	[mm]		[kg]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
90	50	753 201 827	0.630	275	117	79	55	5.4	3.0
90	63	753 200 829	0.560	275	123	79	63	5.4	3.8
90	75	753 200 830	0.593	272	139	74	71	5.4	4.5
110	63	753 200 828	1.010	318	147	82	63	6.6	3.8
110	75	753 200 831	0.891	315	152	84	70	6.6	4.5
110	90	753 200 832	0.941	318	158	82	79	6.6	5.4
125	110	753 200 833	1.399	334	168	84	83	7.4	6.6
160	63	753 200 834	1.950	330	130	86	63	9.5	3.8
160	75	753 200 835	1.932	343	180	98	74	9.5	4.5
160	90	753 200 836	1.972	410	188	98	79	9.5	5.4
160	110	753 200 837	2.716	410	195	98	82	9.5	6.6
180	90	753 200 844	3.250	422	204	134	97	10.7	5.4
180	160	753 200 838	3.557	411	205	105	94	10.7	9.5
200	63	753 201 873	6.800	500	190	122	63	11.9	3.8
200	90	753 201 874	6.900	500	207	122	79	11.9	5.4
200	110	753 201 875	5.097	500	215	122	82	11.9	6.6
200	160	753 201 876	7.400	500	234	122	98	11.9	9.5
225	75	753 200 839	7.128	555	277	120	70	13.4	4.5
225	90	753 200 840	4.732	555	226	127	80	13.4	5.4

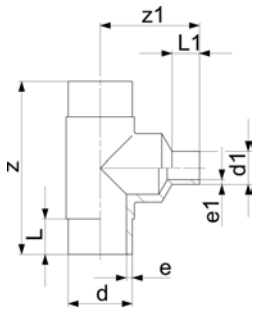


d [mm]	d1 [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L [mm]	L1 [mm]	e [mm]	e1 [mm]
225	110	753 200 841	4.700	555	235	127	82	13.4	6.6
225	160	753 200 842	5.922	555	253	127	98	13.4	9.5
225	180	753 200 843	7.211	550	280	120	105	13.4	10.7
250	110	753 201 878	9.400	575	242	130	82	14.8	6.6
250	160	753 201 879	9.800	575	261	130	98	14.8	9.5
315	110	753 200 851	15.621	695	277	150	82	18.7	6.6
315	160	753 200 852	12.200	695	296	150	102	18.7	9.5
315	225	753 200 853	14.869	650	335	170	145	18.7	13.4
315	250	753 200 854	15.500	695	325	150	130	18.7	14.8

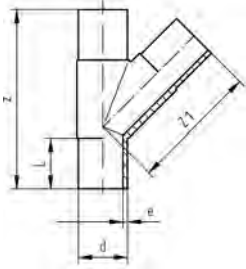
Tee 90° reduced PE100 SDR17/17.6

Model:

- with welded reducer
- 5 bar Gas / 10 bar Water
- Long spigot version



d [mm]	d1 [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L1 [mm]	L [mm]	e [mm]	e1 [mm]
125	63	753 200 801	1.752	366	215	61	92	7	4
125	75	753 200 810	1.806	366	235	72	92	7	5
125	90	753 200 811	1.712	366	235	80	92	7	5
140	75	753 200 812	2.820	396	240	70	92	8	5
140	90	753 200 822	2.211	396	240	78	92	8	5
140	110	753 200 823	2.266	396	235	82	92	8	7
140	125	753 200 824	2.317	396	240	87	92	8	7
160	125	753 200 825	3.311	428	265	90	104	10	5
160	140	753 200 826	3.416	428	280	96	104	10	8
180	110	753 200 827	4.410	460	285	92	105	11	7
180	125	753 200 845	4.460	460	285	90	105	11	7
180	140	753 200 846	4.483	460	305	110	105	11	8
200	125	753 200 847	5.886	500	310	92	115	12	7
200	140	753 200 848	7.200	500	315	110	115	12	8
200	180	753 200 849	6.900	500	315	110	115	12	11
225	125	753 200 850	7.937	540	320	92	122	13	7
225	140	753 200 855	8.780	540	345	110	122	13	8
225	200	753 200 856	9.064	540	335	115	122	13	12
250	180	753 200 857	15.000	576	340	105	130	15	11
250	200	753 200 858	15.440	576	350	112	130	15	12
250	225	753 200 859	15.620	576	370	120	130	15	13
280	200	753 200 860	19.200	616	400	112	139	17	12
280	225	753 200 861	19.500	616	400	120	139	17	13
280	250	753 200 862	20.120	616	400	130	139	17	15
315	200	753 200 863	18.700	690	480	134	150	19	12
315	280	753 200 864	26.940	690	480	139	150	19	17
355	250	753 200 865	35.770	818	480	130	165	21	15
355	280	753 200 866	36.330	818	480	139	165	21	17
355	315	753 200 867	37.740	818	490	150	165	21	19
400	280	753 200 868	48.330	910	540	139	180	24	17
400	315	753 200 869	48.880	910	580	150	180	24	19
400	355	753 200 870	50.020	910	675	165	180	24	21



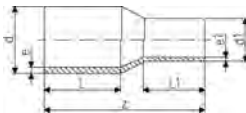
T 45° reduced PE100 SDR11

Model:

- 10 bar Gas / 16 bar Water

- Long spigot version

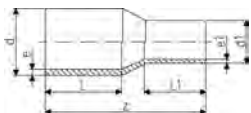
d1 [mm]	d [mm]	Code	Weight [kg]	z [mm]	z1 [mm]	L [mm]	e [mm]	
63	50	753 251 044	0.219	252	142	65	4.9	



Reducer PE100 SDR17/17,6

- Long spigot version
- 5 bar Gas / 10 bar Water

d [mm]	d1 [mm]	Code	Weight [kg]	z [mm]	L1 [mm]	L [mm]	e [mm]	e1 [mm]
90	63	753 900 872	0.224	182	70	79	5,4	3,8
90	75	753 900 870	0.234	185	70	79	5,4	4,5
110	63	753 900 877	0.326	185	63	82	6,6	3,8
110	90	753 900 876	0.333	205	80	85	6,6	5,4
125	63	753 900 882	0.610	200	63	87	7,4	3,8
125	90	753 900 881	0.461	215	80	90	7,4	5,4
125	110	753 900 880	0.507	215	85	90	7,4	6,6
140	75	753 900 886	0.560	230	70	112	8,3	4,5
140	90	753 900 887	0.642	230	79	112	8,3	5,4
140	110	753 900 884	0.715	230	82	112	8,3	6,6
140	125	753 900 885	0.754	235	87	115	8,3	7,4
160	90	753 900 888	0.752	248	85	120	9,5	5,4
160	110	753 900 890	0.930	245	85	100	9,5	6,6
160	125	753 900 889	0.930	245	90	100	9,5	7,4
160	140	753 900 831	0.995	260	110	120	9,5	8,3
180	90	753 900 873	1.010	237	79	105	10,7	5,4
180	110	753 900 874	1.600	270	92	120	10,7	6,6
180	125	753 900 891	1.165	255	90	105	10,7	7,4
180	140	753 900 875	1.720	270	110	120	10,7	8,3
180	160	753 900 832	2.100	255	100	105	10,7	9,5
200	140	753 900 866	1.800	275	110	120	11,9	8,3
200	160	753 900 892	1.664	265	100	115	11,9	9,5
200	180	753 900 893	2.580	265	105	115	11,9	10,7
225	140	753 900 867	2.021	280	100	120	13,4	8,3
225	160	753 900 896	2.020	280	100	120	13,4	9,5
225	180	753 900 895	2.240	280	105	120	13,4	10,7
225	200	753 900 894	2.237	280	115	120	13,4	11,9
250	160	753 900 800	2.850	290	100	130	14,8	9,5
250	180	753 900 868	3.100	295	105	130	14,8	10,7
250	200	753 900 801	3.210	302	112	130	14,8	11,9
250	225	753 900 802	2.385	332	120	162	14,8	13,4
280	200	753 900 898	3.800	333	112	140	16,6	11,9
280	225	753 900 899	4.062	335	120	140	16,6	13,4
280	250	753 900 803	4.352	340	130	140	16,6	14,8
315	200	753 900 804	5.390	380	134	180	18,7	11,9
315	225	753 900 807	6.200	365	120	150	18,7	13,4

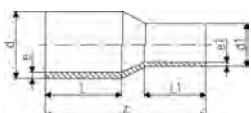


d [mm]	d1 [mm]	Code	Weight [kg]	z [mm]	L1 [mm]	L [mm]	e [mm]	e1 [mm]
315	250	753 900 805	6.420	365	130	150	18,7	14,8
315	280	753 900 806	5.940	365	140	150	18,7	16,6
355	250	753 900 808	7.082	390	130	165	21,1	14,8
355	280	753 900 809	6.728	390	140	165	21,1	16,6
355	315	753 900 810	7.240	390	150	165	21,1	18,7
400	280	753 900 811	7.930	415	140	180	23,7	16,6
400	315	753 900 812	9.949	415	150	180	23,7	18,7
400	355	753 900 813	9.620	420	165	180	23,7	21,1
450	280	753 900 814	11.500	389	140	195	26,7	16,6
450	315	753 900 815	11.805	390	150	195	26,7	18,7
450	355	753 900 816	11.900	393	164	195	26,7	21,1
450	400	753 900 817	12.964	395	179	195	26,7	23,7
500	315	753 900 818	15.500	422	150	212	29,7	18,7
500	355	753 900 819	15.700	424	164	212	29,7	21,1
500	400	753 900 820	16.200	426	179	212	29,7	23,7
500	450	753 900 821	17.000	428	195	212	29,7	26,7
560	355	753 900 822	21.400	459	164	230	33,2	21,1
560	400	753 900 823	21.700	461	179	230	33,2	23,7
560	450	753 900 824	22.300	463	195	230	33,2	26,7
560	500	753 900 825	23.200	466	212	230	33,2	29,7
630	400	753 900 826	29.700	502	179	250	37,4	23,7
630	450	753 900 827	30.100	503	195	250	37,4	26,7
630	500	753 900 828	30.800	506	212	250	37,4	29,7
630	560	753 900 829	31.900	506	230	250	37,4	33,3
710	500	753 900 833	58.796	790	300	300	42,1	29,7
710	560	753 900 834	60.578	770	300	300	42,1	33,2
710	630	753 900 835	62.448	740	300	300	42,1	37,4
800	560	753 900 836	75.842	800	300	300	47,4	33,2
800	630	753 900 837	78.255	780	300	300	47,4	37,4
800	710	753 900 838	80.504	750	300	300	47,4	42,1
900	630	753 900 839	99.282	820	300	300	53,3	37,4
900	710	753 900 840	100.908	790	300	300	53,3	42,1
900	800	753 900 841	103.578	760	300	300	53,3	47,4
1000	710	753 900 842	124.232	820	300	300	59,3	42,1
1000	800	753 900 843	125.277	780	300	300	59,3	47,4
1000	900	753 900 844	126.638	740	300	300	59,3	53,3

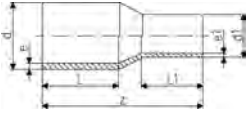


Reducer PE100 SDR11

- Long spigot version
- 10 bar Gas / 16 bar Water



d [mm]	d1 [mm]	Code	Weight [kg]	z [mm]	L [mm]	L1 [mm]	e [mm]	e1 [mm]
25	20	753 901 038	0.022	115	52	52	3,0	3,0
32	20	753 901 042	0.027	120	54	52	3,0	3,0
32	25	753 901 041	0.033	120	54	52	3,0	3,0
40	20	753 901 048	0.043	129	57	52	3,7	3,0
40	25	753 901 047	0.045	129	57	52	3,7	3,0
40	32	753 901 046	0.047	129	57	53	3,7	3,0
50	20	753 901 055	0.064	149	63	52	4,6	3,0
50	25	753 901 054	0.069	139	63	52	4,6	3,0
50	32	753 901 053	0.067	140	63	53	4,6	3,0
50	40	753 901 052	0.079	139	63	57	4,6	3,7
63	32	753 901 060	0.113	149	65	53	5,8	3,0
63	40	753 901 059	0.122	150	65	57	5,8	3,7
63	50	753 901 058	0.128	150	65	63	5,8	4,6
75	40	753 901 063	0.185	170	72	57	6,8	3,7
75	50	753 901 064	0.188	170	72	63	6,8	4,6
75	63	753 901 065	0.209	170	72	65	6,8	5,8
90	50	753 901 072	0.289	190	81	63	8,2	4,6
90	63	753 901 071	0.316	190	81	65	8,2	5,8
90	75	753 901 070	0.351	190	81	70	8,2	6,8
110	63	753 901 078	0.471	205	86	65	10,0	5,8
110	75	753 901 077	0.501	205	86	70	10,0	6,8
110	90	753 901 076	0.549	205	86	81	10,0	8,2



d [mm]	d1 [mm]	Code	Weight [kg]	z [mm]	L [mm]	L1 [mm]	e [mm]	e1 [mm]
125	63	753 901 083	0.607	214	87	63	11,4	5,8
125	75	753 901 082	0.667	210	92	72	11,4	6,8
125	90	753 901 081	0.683	212	92	81	11,4	8,2
125	110	753 901 080	0.775	212	92	86	11,4	10,0
140	75	753 901 086	0.910	230	110	70	12,7	6,8
140	90	753 901 087	0.954	230	110	79	12,7	8,2
140	110	753 901 084	0.977	234	110	88	12,7	10,0
140	125	753 901 085	1.078	235	110	90	12,7	11,4
160	90	753 901 088	1.164	244	120	79	14,6	8,2
160	110	753 901 090	1.239	244	102	86	14,6	10,0
160	125	753 901 089	1.333	245	102	92	14,6	11,4
160	140	753 901 032	1.522	260	120	110	14,6	12,7
180	90	753 901 073	1.507	245	105	79	16,4	8,2
180	110	753 901 074	1.833	270	105	82	16,4	10,0
180	125	753 901 091	1.723	258	107	92	16,4	11,4
180	140	753 901 075	1.976	270	120	110	16,4	12,7
180	160	753 901 033	1.968	255	107	102	16,4	14,6
200	140	753 901 066	2.326	275	120	110	18,2	12,7
200	160	753 901 092	2.391	265	117	102	18,2	14,6
200	180	753 901 034	2.724	265	117	107	18,2	16,4
225	140	753 901 067	2.900	295	130	110	20,5	12,7
225	160	753 901 096	2.891	279	122	102	20,5	14,6
225	180	753 901 095	3.244	280	122	107	20,5	16,4
225	200	753 901 094	3.538	280	122	117	20,5	18,2
250	160	753 901 000	2.385	300	130	100	22,7	14,6
250	180	753 901 068	4.299	295	130	105	22,7	16,4
250	200	753 901 001	4.766	315	130	112	22,7	18,2
250	225	753 901 002	2.385	332	130	120	22,7	20,5
280	200	753 901 098	6.850	333	140	112	25,4	18,2
280	225	753 901 099	6.112	335	140	120	25,4	20,5
280	250	753 901 003	2.385	340	140	130	25,4	22,7
315	200	753 901 004	7.522	380	180	134	28,6	18,2
315	225	753 901 097	7.790	365	150	120	28,6	20,5
315	250	753 901 005	8.360	365	150	130	28,6	22,7
315	280	753 901 012	8.800	365	150	139	28,6	25,4
355	250	753 901 013	9.100	390	165	130	32,3	22,7
355	280	753 901 014	9.500	390	165	139	32,3	25,4
355	315	753 901 015	9.900	390	165	150	32,3	28,6
400	280	753 901 016	10.420	415	180	139	36,4	25,4
400	315	753 901 017	11.130	415	180	150	36,4	28,6
400	355	753 901 018	11.600	420	180	165	36,4	32,3
450	280	753 901 019	16.200	389	195	139	40,9	25,4
450	315	753 901 020	16.700	390	195	150	40,9	28,6
450	355	753 901 022	17.500	393	195	164	40,9	32,3
450	400	753 901 024	18.500	395	195	179	40,9	36,4
500	315	753 901 025	21.900	422	212	150	45,5	28,6
500	355	753 901 026	22.600	424	212	164	45,5	32,3
500	400	753 901 027	23.600	426	212	179	45,5	36,4
500	450	753 901 029	25.100	428	212	195	45,5	40,9
560	355	753 901 030	30.100	459	230	164	50,9	32,3
560	400	753 901 039	31.000	461	230	179	50,9	36,4
560	450	753 901 040	32.400	463	230	195	50,9	40,9
560	500	753 901 043	34.100	466	230	212	50,9	45,5
630	400	753 901 044	41.900	502	250	179	57,3	36,4
630	450	753 901 045	43.100	503	250	195	57,3	40,9
630	500	753 901 049	44.700	506	250	212	57,3	45,5
630	560	753 901 050	46.800	506	250	230	57,3	50,9

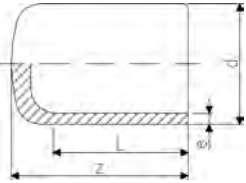


Cap PE100 SDR11

- Long spigot version
- 10 bar Gas / 16 bar Water

Note:

* Fabricated fitting made from pipe



	d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]
	20	753 961 006	0.010	52	52	3,0
	25	753 961 007	0.015	52	52	3,0
	32	753 961 008	0.020	54	54	3,0
	40	753 961 009	0.033	57	57	3,7
	50	753 961 010	0.054	63	63	4,6
	63	753 961 011	0.086	65	65	5,8
	75	753 961 012	0.146	80	72	6,8
	90	753 961 013	0.240	90	81	8,2
	110	753 961 014	0.373	98	86	10,0
	125	753 961 015	0.546	105	92	11,4
	140	753 961 016	0.727	136	92	12,7
	160	753 961 017	1.034	120	102	14,6
	180	753 961 018	1.351	128	107	16,4
	200	753 961 019	1.845	138	115	18,2
	225	753 961 020	2.514	148	122	20,5
	250	753 961 021	3.927	205	130	22,7
	280	753 960 922	8.045	235	139	25,4
	315	753 960 923	6.861	255	150	28,6
	355	753 960 924	9.780	280	165	32,3
	400	753 960 925	13.370	310	180	36,4
	450	753 960 926	20.800	275	195	40,9
	500	753 960 927	28.400	297	212	45,5
	560	753 960 928	39.100	325	230	50,9
*	630	753 960 929	59.700	355	250	57,3

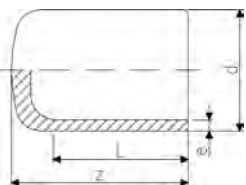


Cap PE100 SDR17/17,6

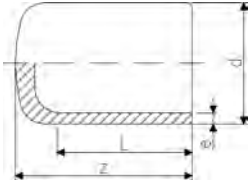
- Long spigot version
- 5 bar Gas / 10 bar Water

Note:

* Fabricated fitting made from pipe



	d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]
	50	753 960 810	0.036	70	55	3,0
	63	753 960 811	0.058	82	63	3,8
	75	753 960 812	0.105	92	70	4,5
	90	753 960 813	0.214	90	81	5,4
	110	753 960 814	0.272	98	86	6,6
	125	753 960 815	0.487	105	92	7,4
	140	753 960 816	0.481	136	92	8,3
	160	753 960 817	0.920	120	102	9,5
	180	753 960 818	1.216	128	107	10,7
	200	753 960 819	1.687	138	115	11,9
	225	753 960 820	2.265	148	122	13,4
	250	753 960 821	2.547	205	130	14,8
	280	753 960 822	3.523	235	139	16,6
	315	753 960 823	4.758	255	150	18,7
	355	753 960 824	6.510	280	165	21,1
	400	753 960 825	9.347	310	180	23,7
*	450	753 960 826	17.798	265	195	26,7
*	500	753 960 827	21.400	287	212	29,7
*	560	753 960 828	29.400	310	230	33,2
*	630	753 960 829	41.400	340	250	37,4



	d [mm]	Code	Weight [kg]	z [mm]	L [mm]	e [mm]
*	710	753 960 830	53.950	310	190	42,1
*	800	753 960 831	73.281	320	190	47,4
*	900	753 960 832	98.923	330	190	53,5
*	1000	753 960 833	123.925	340	190	59,3

Butt Fusion Fitting

Spigot Fittings for butt fusion (short ends)
Flanges, seals

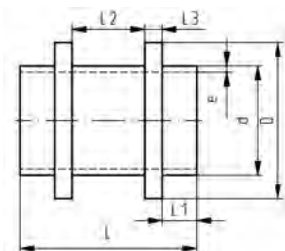


Butt fusion fittings PE 100 short end

Fixpoint fitting SDR11

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- Machined
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100

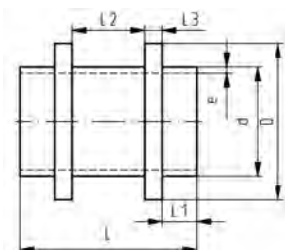


d [mm]	FM	Code	Weight [kg]	D [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	e [mm]
63	IR	753 665 558	0.182	90	122	30	42	10	5.8
75	IR	753 665 559	0.265	110	122	30	42	10	6.8
90	IR	753 665 560	0.357	125	122	30	42	10	8.2
110	IR	753 665 561	0.610	140	142	30	52	15	10.0
125	IR	753 665 562	0.811	160	152	35	52	15	11.4
140	IR	753 665 563	1.068	180	162	40	52	15	12.7
160	IR	753 665 564	1.349	200	162	40	52	15	14.6
180	IR	753 665 565	2.001	225	182	45	52	20	16.4
200	IR	753 665 566	2.469	250	182	45	52	20	18.2
225	IR	753 665 567	3.438	280	192	45	52	25	20.5
250		753 665 568	3.858	280	212	50	62	25	22.7
280		753 665 569	5.217	315	222	50	62	30	25.4
315		753 665 570	6.627	355	222	50	62	30	28.6
355		753 665 571	7.731	400	192	30	62	35	32.2
400		753 665 572	10.890	450	212	30	72	40	36.3
450		753 665 573	14.775	500	232	35	72	45	40.9
500		753 665 574	20.268	560	252	40	72	50	45.4
560		753 665 575	28.608	630	282	45	82	55	50.8
630		753 665 576	39.129	710	302	50	82	60	57.2

Fixpoint fitting SDR17/17.6

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100
- Machined



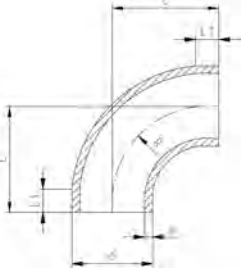
d [mm]	FM	Code	Weight [kg]	D [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	e [mm]
63	IR	753 665 577	0.144	90	122	30	42	10	3.8
75	IR	753 665 578	0.212	110	122	30	42	10	4.5
90	IR	753 665 579	0.279	125	122	30	42	10	5.4
110	IR	753 665 580	0.457	140	142	30	52	15	6.6
125	IR	753 665 581	0.618	160	152	35	52	15	7.4
140	IR	753 665 582	0.815	180	162	40	52	15	8.3
160	IR	753 665 583	1.014	200	162	40	52	15	9.5
180	IR	753 665 584	1.528	225	182	45	52	20	10.7
200	IR	753 665 585	1.887	250	182	45	52	20	11.9
225	IR	753 665 586	2.661	280	192	45	52	25	13.4
250		753 665 587	2.796	280	212	50	62	25	14.8
280		753 665 588	3.829	315	222	50	62	30	16.6
315		753 665 589	4.871	355	222	50	62	30	18.7
355		753 665 590	5.812	400	192	30	62	35	21.1
400		753 665 591	8.180	450	212	30	72	40	23.7
450		753 665 592	11.015	500	232	35	72	45	26.7
500		753 665 593	15.251	560	252	40	72	50	29.7
560		753 665 594	0.000	630	282	45	82	55	33.2
630		753 665 595	29.574	710	302	50	82	60	37.4



Bend 90° SDR11

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100



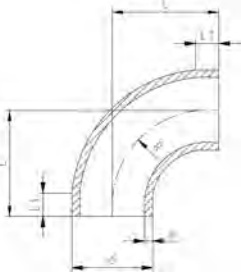
d [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	R [mm]	e [mm]
20	IR	753 018 706	0.007	38	23	15	1.9
25	IR	753 018 707	0.013	42	23	19	2.3
32	IR	753 018 708	0.025	46	22	24	2.9
40	IR	753 018 709	0.041	51	21	30	3.7
50	IR	753 018 710	0.065	58	21	37	4.6
63	IR	753 018 711	0.124	66	21	45	5.8
75	IR	753 018 712	0.246	100	20	90	6.8
90	IR	753 018 713	0.355	100	20	90	8.2
110	IR	753 018 714	0.757	141	25	130	10.0
125	IR	753 018 715	0.818	125	28	116	11.4
140	IR	753 018 716	1.148	140	33	116	12.7
160	IR	753 018 717	1.699	160	33	151	14.6
180	IR	753 018 718	2.394	180	33	171	16.4
200	IR	753 018 719	3.264	200	33	190	18.2
225	IR	753 018 720	4.535	220	33	210	20.5
250		753 018 621	6.713	256	48	232	22.7
280		753 018 622	9.885	282	48	262	25.4
315		753 018 623	14.158	321	48	297	28.6
355		753 021 024	17.200	380	38	355	32.3
400		753 021 025	31.100	434	41	400	36.3
450		753 021 026	38.300	445	49	450	40.9
500		753 021 027	47.300	450	49	500	45.5



Bend 90° SDR17/17.6

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100



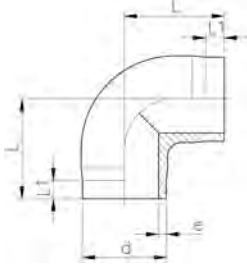
d [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	R [mm]	e [mm]
50	IR	753 018 635	0.052	58	21	37	2.9
63	IR	753 018 636	0.087	66	21	45	3.6
75	IR	753 018 737	0.176	100	20	90	4.3
90	IR	753 018 738	0.245	100	20	90	5.1
110	IR	753 018 739	0.513	141	20	130	6.3
125	IR	753 018 515	0.556	125	28	116	7.3
140	IR	753 018 516	0.785	140	33	131	8.2
160	IR	753 018 517	1.156	160	33	151	9.4
180	IR	753 018 518	1.619	180	33	171	10.6
200	IR	753 018 519	2.208	200	33	190	11.7
225	IR	753 018 520	3.039	220	33	210	12.9
250		753 018 521	4.645	256	48	232	14.2
280		753 018 522	7.020	280	48	262	15.9
315		753 018 523	10.099	321	48	297	17.9
355		753 020 824	11.300	340	38	355	21.1
400		753 020 825	15.700	345	41	400	23.7
450		753 020 826	25.868	449	49	450	25.8
500		753 020 827	35.000	449	49	500	32.0



Elbow 90° SDR11

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100



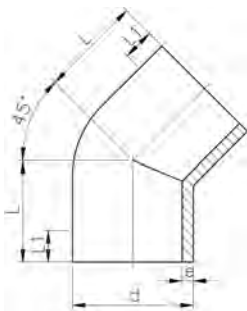
d [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	e [mm]	
20	IR	753 108 606	0.009	38	25	1,9	
25	IR	753 108 607	0.013	42	26	2,3	
32	IR	753 108 608	0.026	46	27	2,9	
40	IR	753 108 609	0.047	51	22	3,7	
50	IR	753 108 610	0.086	58	23	4,6	
63	IR	753 108 611	0.150	66	21	5,8	



Elbow 45° SDR11

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100



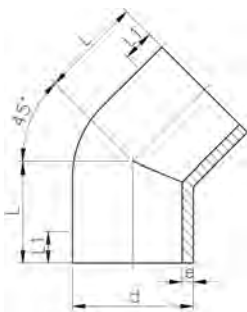
d [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	e [mm]	PF	
20	IR	753 158 606	0.007	32	24	1,9	2 68 240 008	
25	IR	753 158 607	0.013	34	25	2,3	2 68 240 008	
32	IR	753 158 608	0.019	36	25	2,9	2 68 240 008	
40	IR	753 158 609	0.036	39	25	3,7	2 68 240 008	
50	IR	753 158 610	0.059	42	26	4,6	2 68 240 008	
63	IR	753 158 611	0.103	47	29	5,8	2 68 240 008	
75	IR	753 158 612	0.146	49	29	6,8	2 68 240 008	
90	IR	753 158 613	0.241	57	34	8,2	2 68 240 008	
110	IR	753 158 614	0.442	70	43	10,0	2 68 240 008	
125	IR	753 158 615	0.638	79	48	11,4	2 68 240 003	
140	IR	753 158 616	0.902	88	55	12,7	2 68 240 003	
160	IR	753 158 617	1.340	100	60	14,6	2 68 240 003	
200	IR	753 158 619	2.612	124	75	18,2	2 68 240 003	
225	IR	753 158 620	3.638	140	85	20,5	2 68 240 003	



Elbow 45° SDR17.6

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100



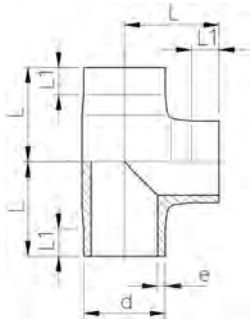
d [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	e [mm]	PF	
50	IR	753 158 535	0.045	42	26	2,9	2 68 240 008	
63	IR	753 158 536	0.091	47	29	3,6	2 68 240 008	
75	IR	753 158 412	0.125	49	29	4,7	2 68 240 008	
90	IR	753 158 413	0.198	57	34	5,6	2 68 240 028	
110	IR	753 158 414	0.375	70	43	6,9	2 68 240 028	
125	IR	753 158 540	0.542	79	48	7,1	2 68 240 028	
140	IR	753 158 541	0.784	88	55	8,0	2 68 240 023	
160	IR	753 158 542	1.190	100	60	9,1	2 68 240 023	
200	IR	753 158 544	2.331	124	75	11,4	2 68 240 023	
225	IR	753 158 545	3.282	140	85	12,8	2 68 240 023	



Tee 90° equal SDR11

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100



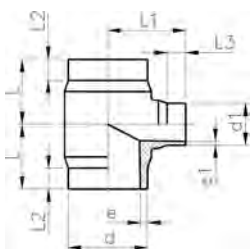
d [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	e [mm]
20	IR	753 208 606	0.013	38	24	1,9
25	IR	753 208 607	0.021	42	26	2,3
32	IR	753 208 608	0.042	46	26	2,9
40	IR	753 208 609	0.065	51	22	3,7
50	IR	753 208 610	0.111	58	22	4,6
63	IR	753 208 611	0.202	66	21	5,8
75	IR	753 208 612	0.312	75	20	6,8
90	IR	753 208 613	0.553	90	20	8,2
110	IR	753 208 614	1.002	110	20	10,0
125	IR	753 208 615	1.509	125	25	11,4
140	IR	753 208 616	2.105	140	28	12,7
160	IR	753 208 617	3.085	160	28	14,6
180	IR	753 208 668	5.062	190	70	16,4
200	IR	753 208 619	5.982	200	35	18,2
225	IR	753 208 620	8.090	220	35	20,5
250		753 208 671	13.326	272	90	22,7
280		753 208 672	20.458	313	108	25,4
315		753 208 673	27.400	348	114	28,6
355		753 221 024	30.500	352	97	32,3
400		753 221 025	39.000	337	100	36,4
450		753 221 026	45.000	419	137	40,9
500		753 221 027	75.500	465	163	45,5



Tee 90° reduced SDR11

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100



d [mm]	d1 [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	e [mm]	e1 [mm]
63	32	IR	753 208 351	0.161	65	70	25	25	5,8	2,9
63	50	IR	753 208 352	0.180	65	70	25	25	5,8	4,6
75	32	IR	753 208 353	0.255	70	75	25	25	6,8	2,9
75	50	IR	753 208 354	0.265	70	75	25	25	6,8	4,6
75	63	IR	753 208 355	0.278	70	75	25	25	6,8	5,8
90	50	IR	753 208 357	0.435	80	85	25	25	8,2	4,6
90	63	IR	753 208 358	0.448	80	85	25	25	8,2	5,8
90	75	IR	753 208 359	0.462	80	85	25	25	8,2	6,8
110	32	IR	753 208 360	0.685	90	95	30	25	10,0	2,9
110	50	IR	753 208 361	0.694	90	95	30	25	10,0	4,6
110	63	IR	753 208 362	0.709	90	95	30	25	10,0	5,8
110	75	IR	753 208 363	0.717	90	95	30	25	10,0	6,8
110	90	IR	753 208 364	0.734	90	95	30	25	10,0	8,2
160	63	IR	753 208 371	2.269	142	135	50	30	14,6	5,8
160	75	IR	753 208 372	2.255	142	135	50	30	14,6	6,8
160	90	IR	753 208 373	2.317	142	135	50	30	14,6	8,2
160	110	IR	753 208 374	2.353	142	135	50	30	14,6	10,0
225	90	IR	753 208 388	4.759	155	165	40	30	20,5	8,2
225	110	IR	753 208 389	4.796	155	165	40	30	20,5	10,0
225	160	IR	753 208 391	4.854	155	165	40	30	20,5	14,6
250	110		753 221 031	8.199	228	197	140	37	22,7	10,0
250	160		753 221 032	8.564	229	219	117	60	22,7	14,6

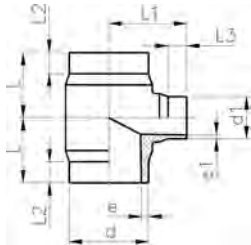


Tee 90° reduced SDR17.6

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100
- 5 bar Gas / 10 bar Water

* Branch SDR11



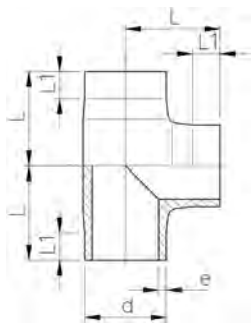
d [mm]	d1 [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	e [mm]	e1 [mm]
63	32	IR	753 208 301	0.163	65	70	25	25	3,6	2,9
63	50	IR	753 208 302	0.171	65	70	25	25	3,6	2,9
75	32	IR	753 208 303	0.231	70	75	25	25	4,3	2,9
75	50	IR	753 208 304	0.250	70	75	25	25	4,3	2,9
75	63	IR	753 208 305	0.263	70	75	25	25	4,3	3,6
90	50	IR	753 208 307	0.411	80	85	25	25	5,1	2,9
90	63	IR	753 208 308	0.329	80	85	25	25	5,1	3,6
90	75	IR	753 208 309	0.339	80	85	25	25	5,1	4,3
110	32	IR	753 208 310	0.643	90	95	30	25	6,3	2,9
110	50	IR	753 208 311	0.655	90	95	30	25	6,3	2,9
110	63	IR	753 208 312	0.516	90	95	30	25	6,3	3,6
110	75	IR	753 208 313	0.521	90	95	30	25	6,3	4,3
110	90	IR	753 208 314	0.529	90	95	30	25	6,3	5,1
160	63	IR	753 208 321	2.103	142	135	50	30	9,1	3,6
160	75	IR	753 208 322	2.142	142	135	50	30	9,1	4,3
160	90	IR	753 208 323	1.668	142	135	50	30	9,1	5,1
160	110	IR	753 208 324	1.687	142	135	50	30	9,1	6,3
225	90	IR	753 208 338	3.439	155	165	40	30	12,8	5,1
225	110	IR	753 208 339	3.448	155	165	40	30	12,8	6,3
225	160	IR	753 208 341	3.471	155	165	40	30	12,8	9,1



Tee 90° equal SDR17/17.6

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100



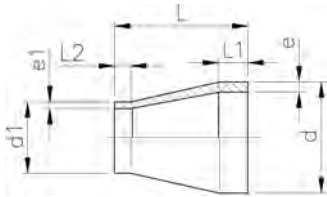
d [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	e [mm]
50	IR	753 208 535	0.080	59	26	2,9
63	IR	753 208 536	0.187	71	25	3,6
75	IR	753 208 412	0.232	74	20	4,8
90	IR	753 208 413	0.408	90	20	5,6
110	IR	753 208 414	0.724	110	20	6,9
125	IR	753 208 540	1.175	124	27	7,1
140	IR	753 208 541	1.623	141	33	8,0
160	IR	753 208 542	2.431	160	40	9,1
180	IR	753 208 543	3.756	190	70	10,2
200	IR	753 208 544	5.243	210	70	11,4
225	IR	753 208 545	6.030	248	80	12,8
250		753 208 546	9.964	272	90	14,2
280		753 208 547	14.265	313	108	15,9
315		753 208 548	22.284	348	114	17,9
355		753 220 824	22.593	330	95	21,1
400		753 220 825	30.500	345	104	23,7
450		753 220 826	38.000	419	137	26,7
500		753 220 827	52.600	460	159	29,7



Reducer SDR11

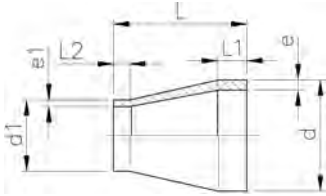
Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100



- Up to d 315 injection moulded, above machined

d	d1	FM	Code	Weight	L	L1	L2	e	e1
[mm]	[mm]			[kg]	[mm]	[mm]	[mm]	[mm]	[mm]
25	20	IR	753 908 637	0.008	50	20	18	2,3	1,9
32	20	IR	753 908 642	0.010	50	20	18	2,9	1,9
32	25	IR	753 908 641	0.006	50	20	18	2,9	2,3
40	20	IR	753 908 648	0.017	58	20	20	3,7	1,9
40	25	IR	753 908 647	0.017	55	20	18	3,7	2,3
40	32	IR	753 908 646	0.019	55	20	18	3,7	2,9
50	25	IR	753 908 654	0.025	60	20	18	4,6	2,3
50	32	IR	753 908 653	0.026	60	20	18	4,6	2,9
50	40	IR	753 908 652	0.032	60	20	18	4,6	3,7
63	32	IR	753 908 660	0.046	65	20	18	5,8	2,9
63	40	IR	753 908 659	0.051	65	20	18	5,8	3,7
63	50	IR	753 908 658	0.056	65	20	18	5,8	4,6
75	40	IR	753 908 666	0.070	68	20	20	6,8	3,7
75	50	IR	753 908 665	0.074	65	20	18	6,8	4,6
75	63	IR	753 908 664	0.081	65	20	18	6,8	5,8
90	63	IR	753 908 671	0.125	75	21	17	8,2	5,8
90	75	IR	753 908 670	0.132	75	22	17	8,2	6,8
110	75	IR	753 908 677	0.219	90	28	17	10,0	6,8
110	90	IR	753 908 676	0.240	90	28	20	10,0	8,2
125	110	IR	753 908 680	0.350	100	32	26	11,4	10,0
140	110	IR	753 908 685	0.437	110	35	28	12,7	10,0
140	125	IR	753 908 684	0.474	110	35	28	12,7	11,4
160	110	IR	753 908 690	0.612	120	40	25	14,6	10,0
160	140	IR	753 908 688	0.674	120	40	33	14,6	12,7
180	90	IR	753 908 877	0.678	157	45	22	16,4	8,2
180	110	IR	753 908 878	0.991	157	45	28	16,4	10,0
180	125	IR	753 908 879	0.528	136	45	32	16,4	11,4
180	140	IR	753 908 880	0.963	136	45	35	16,4	12,7
180	160	IR	753 908 881	1.094	136	45	40	16,4	14,6
200	160	IR	753 908 692	1.247	150	50	35	18,2	14,6
200	180	IR	753 908 883	1.419	151	50	45	18,2	16,4
225	110	IR	753 908 695	1.559	171	55	45	20,5	10,0
225	160	IR	753 908 696	1.643	160	55	37	20,5	14,6
225	180	IR	753 908 885	1.999	171	55	45	20,5	16,4
225	200	IR	753 908 697	1.844	160	55	48	20,5	18,2
250	160		753 908 890	2.416	194	60	40	22,7	14,6
250	180		753 900 001	2.513	175	60	55	22,7	16,4
250	200		753 900 002	2.450	180	60	60	22,7	18,2
250	225		753 908 887	2.766	182	60	55	22,7	20,5
280	200		753 900 004	3.540	205	70	50	25,4	18,2
280	225		753 908 892	1.943	105	30	20	25,4	20,5
280	250		753 908 891	1.802	70	30	18	25,4	22,7
315	200		753 900 007	3.996	225	80	50	28,6	20,5
315	225		753 908 897	3.491	130	30	30	28,6	20,5
315	250		753 908 896	2.379	100	30	20	28,6	22,7
315	280		753 908 895	1.684	63	30	18	28,6	25,4
355	225		753 900 011	4.700	245	90	55	32,3	20,5
355	250		753 900 012	4.400	245	90	60	32,3	22,7
355	280		753 900 013	4.100	245	90	70	32,3	25,4
355	315		753 900 014	3.700	245	90	80	32,3	28,6
400	225		753 900 015	7.963	260	95	60	36,4	20,5
400	250		753 900 016	6.800	260	95	70	36,4	22,7
400	280		753 900 017	6.200	260	95	70	36,4	25,4
400	315		753 900 018	10.829	260	95	80	36,4	28,6
400	355		753 900 019	4.800	260	95	90	36,4	32,3
450	280		753 900 020	9.000	230	60	70	40,9	25,4
450	315		753 900 021	8.000	230	60	80	40,9	28,6
450	355		753 900 022	7.400	230	60	90	40,9	32,3
450	400		753 900 023	6.600	230	60	95	40,9	36,4



d [mm]	d1 [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	e1 [mm]
500	315		753 900 024	12.000	230	60	80	45,5	28,6
500	355		753 900 025	10.800	230	60	90	45,5	32,3
500	400		753 900 026	10.000	230	60	95	45,5	36,4
500	450		753 900 027	8.300	200	60	60	45,5	40,9
710	500		753 900 035	24.157	190	84	40	64,5	45,4
710	560		753 900 036	21.770	170	81	40	64,5	50,8
710	630		753 900 037	17.845	140	71	40	64,5	57,2

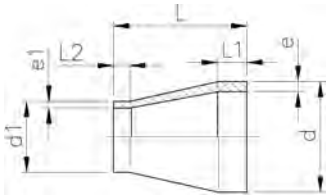


Reducer SDR17/17.6

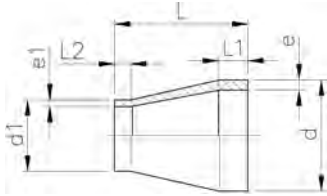
Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- IR = Infrared-(IR Plus) compatible. Choose fusion parameters: PE100

- Up to d 315 injection moulded, above machined



d [mm]	d1 [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	e1 [mm]
50	40	IR	753 908 926	0.024	55	12	12	2,9	2,3
63	40	IR	753 908 927	0.036	65	16	12	3,6	2,3
63	50	IR	753 908 928	0.039	65	16	12	3,6	2,9
75	40	IR	753 908 904	0.041	71	19	12	4,3	2,3
75	50	IR	753 908 465	0.049	65	20	20	4,3	2,9
75	63	IR	753 908 464	0.056	65	20	20	4,3	3,6
90	63	IR	753 908 471	0.083	75	20	19	5,1	3,6
90	75	IR	753 908 470	0.092	75	20	20	5,1	4,3
110	75	IR	753 908 477	0.157	89	28	18	6,3	4,3
110	90	IR	753 908 476	0.164	90	28	20	6,3	5,1
125	110	IR	753 908 912	0.272	108	32	28	7,1	6,3
140	110	IR	753 908 917	0.330	115	35	28	8,0	6,3
140	125	IR	753 908 916	0.374	115	35	32	8,0	7,1
160	110	IR	753 908 922	0.456	124	40	28	9,1	6,3
160	140	IR	753 908 920	0.499	124	40	35	9,1	8,0
180	90	IR	753 908 975	0.897	157	45	22	10,2	5,1
180	110	IR	753 908 976	0.690	157	45	28	10,2	6,3
180	125	IR	753 908 977	0.616	136	45	32	10,2	7,1
180	140	IR	753 908 978	0.647	136	45	35	10,2	8,0
180	160	IR	753 908 979	0.713	136	45	40	10,2	9,1
200	160	IR	753 908 931	0.860	145	50	40	11,4	9,1
200	180	IR	753 908 981	0.971	151	50	45	11,4	10,2
225	110	IR	753 908 938	1.382	160	55	35	12,8	6,3
225	160	IR	753 908 933	1.120	160	55	40	12,8	9,1
225	180	IR	753 908 985	1.364	171	55	45	12,8	10,2
225	200	IR	753 908 932	1.234	171	55	50	12,8	11,4
250	160		753 908 939	1.601	194	60	40	14,2	9,1
250	180		753 902 801	1.690	175	60	55	14,8	10,7
250	200		753 902 802	1.899	180	60	60	14,8	11,9
250	225		753 908 937	1.853	182	60	55	14,2	12,8
280	200		753 902 804	2.585	205	70	50	16,6	11,9
280	225		753 908 944	1.423	105	30	20	15,9	12,8
280	250		753 908 943	1.002	70	30	18	15,9	14,2
315	200		753 902 807	2.907	225	80	50	18,7	11,9
315	225		753 908 950	2.154	130	30	20	17,9	12,8
315	250		753 908 949	1.702	100	30	20	17,9	14,2
315	280		753 908 999	1.598	63	30	18	17,9	15,9
355	225		753 902 811	4.700	245	90	55	21,1	13,4
355	250		753 902 812	9.425	245	90	60	21,1	14,8
355	280		753 902 813	4.280	245	90	70	21,1	16,6
355	315		753 902 814	3.700	245	90	80	21,1	18,7
400	225		753 902 815	4.600	260	95	60	23,7	13,4
400	250		753 902 816	4.400	260	95	70	23,7	14,8
400	280		753 902 817	5.922	260	95	70	23,7	16,6
400	315		753 902 818	3.520	260	95	80	23,7	18,7
400	355		753 902 819	7.163	260	95	90	23,7	21,1
450	280		753 902 820	6.340	230	60	70	26,7	16,6



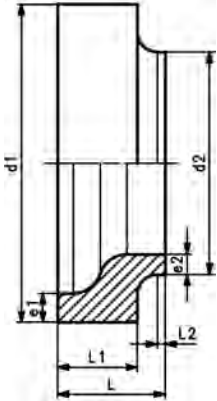
d [mm]	d1 [mm]	FM	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	e1 [mm]
450	315		753 902 821	5.400	230	60	80	26,7	18,7
450	355		753 902 822	5.000	230	60	90	26,7	21,1
450	400		753 902 823	8.098	230	60	95	26,7	23,7
500	315		753 902 824	8.100	230	60	80	29,7	18,7
500	355		753 902 825	8.424	230	60	90	29,7	21,1
500	400		753 902 826	7.974	230	60	95	29,7	23,7
500	450		753 902 827	5.500	200	60	60	29,7	26,7
560	400		753 902 828	9.900	230	60	95	33,2	23,7
560	450		753 902 829	8.600	200	60	60	33,2	26,7
560	500		753 902 830	7.600	200	60	60	33,2	29,7
630	400		753 902 831	15.100	230	60	95	37,4	23,7
630	450		753 902 832	13.700	200	60	60	37,4	26,7
630	500		753 902 833	12.000	200	60	60	37,4	29,7
630	560		753 902 834	9.800	200	60	60	37,4	33,2
710	500		753 902 835	16.750	190	84	40	42,1	29,7
710	560		753 902 836	15.014	170	81	40	42,1	33,2
710	630		753 902 837	12.215	140	71	40	42,1	37,4
800	560		753 902 838	22.731	200	85	40	47,4	33,2
800	630		753 902 839	20.475	180	85	40	47,4	37,4
800	710		753 902 840	16.774	150	78	40	47,4	42,1
900	630		753 902 841	32.055	220	96	40	53,3	37,4
900	710		753 902 842	27.731	190	89	40	53,3	42,1
900	800		753 902 843	22.854	160	85	40	53,3	47,4
1000	710		753 902 844	40.412	220	91	40	59,3	42,1
1000	800		753 902 845	33.910	180	86	40	59,3	47,4
1000	900		753 902 846	25.824	140	75	40	59,3	53,3



Flush style reducer SDR11

Model:

- Material: PE100
- Flush style design
- Conventional butt-welding according to DVS 2207 part 11
- Clamping on welding machine needs to be done always on the bigger diameter (d1)
- The butt fusion machine must be suitable to weld both dimensions (d1 and d2)



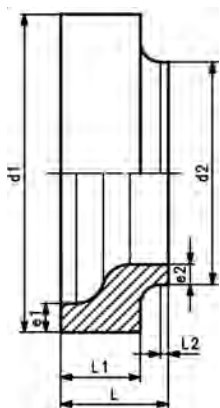
d1 [mm]	d2 [mm]	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	e1 [mm]	e2 [mm]
355	225	753 909 809	5.230	130	95	10.0	32.2	20.5
355	250	753 909 810	3.752	115	80	10.0	32.3	22.7
355	280	753 909 811	4.066	115	80	10.0	32.3	25.4
355	315	753 909 812	4.149	115	80	15.0	32.3	28.6
400	225	753 909 816	7.964	145	110	10.0	36.3	20.5
400	250	753 909 817	6.861	135	100	10.0	36.4	22.7
400	280	753 909 818	6.679	135	100	10.0	36.4	25.4
400	315	753 909 819	6.460	135	100	10.0	36.4	28.6
400	355	753 909 820	6.101	135	100	13.0	36.4	32.3
450	225	753 909 822	11.965	165	125	10.0	40.9	20.5
450	250	753 909 823	11.087	160	120	10.0	40.9	22.7
450	280	753 909 824	9.604	150	100	15.0	40.9	25.4
450	315	753 909 825	9.091	150	100	15.0	40.9	28.6
450	355	753 909 826	8.656	150	100	15.0	40.9	32.3
450	400	753 909 827	8.369	150	100	15.0	40.9	36.4
500	225	753 909 829	16.053	180	130	10.0	45.4	20.5
500	250	753 909 830	15.784	180	130	10.0	45.4	22.7
500	280	753 909 831	14.691	175	125	10.0	45.4	25.4
500	315	753 909 832	10.921	165	115	10.0	45.5	28.6
500	355	753 909 833	11.321	165	115	10.0	45.5	32.3
500	400	753 909 834	12.453	165	115	10.0	45.5	36.4
500	450	753 909 835	12.640	165	115	25.0	45.5	40.9
560	315	753 909 836	22.204	210	160	10.0	50.8	28.6
560	355	753 909 837	19.976	200	150	10.0	50.8	32.2
560	400	753 909 838	17.215	185	135	10.0	50.8	36.3
560	450	753 909 839	14.263	165	115	10.0	50.8	40.9
560	500	753 909 840	13.955	165	115	10.0	50.8	45.4
630	315	753 909 841	29.984	220	170	10.0	57.2	28.6
630	355	753 909 842	29.376	220	170	10.0	57.2	32.2
630	400	753 909 843	26.541	210	160	10.0	57.2	36.3
630	450	753 909 844	23.034	195	145	10.0	57.2	40.9
630	500	753 909 845	19.243	175	125	10.0	57.2	45.4
630	560	753 909 846	17.438	165	115	20.0	57.2	50.8



Flush style reducer SDR17/17.6

Model:

- Material: PE100
- Flush style design
- Conventional butt-welding according to DVS 2207 part 11
- Clamping on welding machine needs to be done always on the bigger diameter (d1)
- The butt fusion machine must be suitable to weld both dimensions (d1 and d2)



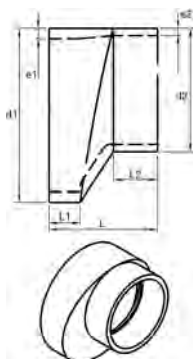
d1 [mm]	d2 [mm]	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	e1 [mm]	e2 [mm]
355	225	753 909 859	3.922	120	85	10	21.1	13.4
355	250	753 909 860	3.318	115	80	10	21.1	14.8
355	280	753 909 861	3.134	115	80	10	21.1	16.6
355	315	753 909 862	2.716	115	80	15	21.1	18.7
400	225	753 909 866	6.299	135	100	10	23.7	13.4
400	250	753 909 867	5.754	135	100	10	23.7	14.8
400	280	753 909 868	5.468	135	100	10	23.7	16.6
400	315	753 909 869	5.125	135	100	10	23.7	18.7
400	355	753 909 870	4.614	135	100	13	23.7	21.1
450	225	753 909 872	9.323	150	110	10	26.7	13.4
450	250	753 909 873	9.000	150	110	10	27.7	14.8
450	280	753 909 874	8.066	150	110	15	26.7	16.6
450	315	753 909 875	7.354	150	110	15	26.7	18.7
450	355	753 909 876	6.724	150	110	15	26.7	21.1
450	400	753 909 877	6.238	150	110	15	26.7	23.7
500	225	753 909 879	12.120	165	115	10	29.7	13.4
500	250	753 909 880	11.834	165	115	10	29.7	14.8
500	280	753 909 881	11.459	165	115	10	29.7	16.6
500	315	753 909 882	10.502	165	115	10	29.7	18.7
500	355	753 909 883	10.154	165	115	10	29.7	21.1
500	400	753 909 884	8.642	165	115	10	29.7	23.7
500	450	753 909 885	7.978	165	115	25	29.7	26.7
560	315	753 909 886	19.966	210	160	10	33.2	18.7
560	355	753 909 887	17.764	200	150	10	33.2	21.1
560	400	753 909 888	15.168	185	135	10	33.2	23.7
560	450	753 909 889	11.650	165	115	10	33.2	26.7
560	500	753 909 890	10.623	165	115	20	33.2	29.7
630	315	753 909 891	27.625	220	170	10	37.4	18.7
630	355	753 909 892	26.454	220	170	10	37.4	21.1
630	400	753 909 893	23.648	210	160	10	37.4	23.7
630	450	753 909 894	19.957	195	145	10	37.4	26.7
630	500	753 909 895	15.910	175	125	10	37.4	29.7
630	560	753 909 896	13.272	165	115	20	37.4	33.2



Reducing Bushes excentric, PE100 SDR11

Model:

- Conventional butt fusion according to DVS2207
- Machined



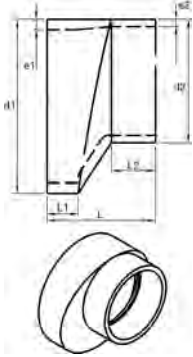
d1 [mm]	d2 [mm]	PN [bar]	Code	L [mm]	L1 [mm]	L2 [mm]	e1 [mm]	e2 [mm]
63	50	16	700 647 600	120	35	35	5,8	4,6
75	50	16	700 647 601	120	40	35	6,8	4,6
75	63	16	700 647 602	120	40	35	6,8	5,8
90	63	16	700 647 603	140	50	50	8,2	5,8
90	75	16	700 647 604	140	50	50	8,2	6,8
110	75	16	700 647 605	140	50	50	10	6,8
110	90	16	700 647 606	140	50	50	10	8,2
125	90	16	700 647 607	140	50	50	11,4	5,1
125	110	16	700 647 608	140	50	50	11,4	10
140	90	16	700 647 609	140	50	50	12,7	8,2
140	110	16	700 647 610	140	50	50	12,7	10
160	90	16	700 647 611	140	50	54	14,6	8,2
160	110	16	700 647 612	120	40	45	14,6	10
160	125	16	700 647 613	110	40	44	14,6	11,4
160	140	16	700 647 614	90	40	33	14,6	12,7
180	125	16	700 647 615	130	40	52	16,4	11,4
180	140	16	700 647 616	110	40	41	16,4	12,7
180	160	16	700 647 617	90	40	33	16,4	16,4
200	140	16	700 647 618	140	40	50	18,2	12,7
200	160	16	700 647 619	120	40	41	18,2	14,6
200	180	16	700 647 620	100	40	43	18,2	16,4
225	160	16	700 647 621	140	40	57	20,5	14,6
225	180	16	700 647 622	120	40	48	20,5	16,4
225	200	16	700 647 623	100	40	40	20,5	18,2
250	180	16	700 647 624	150	40	54	22,7	16,4
250	200	16	700 647 625	130	40	55	22,7	18,2
250	225	16	700 647 626	110	40	40	22,7	20,5
280	200	16	700 647 627	160	40	58	25,4	18,2
280	225	16	700 647 628	130	40	52	25,4	20,5
280	250	16	700 647 629	110	40	47	25,4	22,7
315	225	16	700 647 630	160	40	62	28,6	20,5
315	250	16	700 647 631	140	40	57	28,6	22,7
315	280	16	700 647 632	120	40	54	28,6	25,4
355	250	16	700 647 633	180	40	74	32,2	22,7
355	250	16	700 647 634	150	40	61	32,2	25,4
355	315	16	700 647 635	120	40	51	32,2	28,6
400	280	16	700 647 636	200	40	85	36,3	25,4
400	315	16	700 647 637	170	40	75	36,3	28,6
400	355	16	700 647 638	130	40	58	36,3	32,2
450	355	16	700 647 639	210	40	86	40,9	28,6
450	355	16	700 647 640	180	40	79	40,9	32,2
450	400	16	700 647 641	140	40	65	40,9	36,3
500	400	16	700 647 642	260	40	107	45,4	28,6
500	355	16	700 647 643	220	40	91	45,4	32,2
500	400	16	700 647 644	190	40	86	45,4	36,3
500	450	16	700 647 645	140	40	65	45,4	40,9
560	450	16	700 647 646	200	40	91	50,8	40,9
560	500	16	700 647 647	150	40	70	50,8	45,4
630	500	16	700 647 648	220	40	99	57,2	45,4
630	560	16	700 647 649	170	40	84	57,2	50,8



Reducing Bushes excentric, PE100 SDR17.6

Model:

- Machined
- Conventional butt fusion according to DVS2207

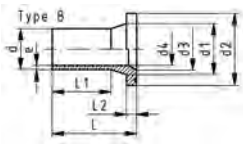
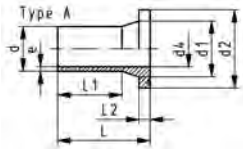


d1 [mm]	d2 [mm]	PN [bar]	Code	L [mm]	L1 [mm]	L2 [mm]	e1 [mm]	e2 [mm]
63	50	10	700 647 650	120	35	35	3,6	2,9
75	50	10	700 647 651	120	40	35	4,3	2,9
75	63	10	700 647 652	120	40	35	4,3	3,6
90	63	10	700 647 653	140	50	50	5,1	3,6
90	75	10	700 647 654	140	50	50	5,1	4,3
110	75	10	700 647 655	140	50	50	6,3	4,3
110	90	10	700 647 656	140	50	50	6,3	5,1
125	90	10	700 647 657	140	50	50	7,1	5,1
125	110	10	700 647 658	140	50	50	7,1	6,3
140	90	10	700 647 659	140	50	50	8,0	5,1
140	110	10	700 647 660	140	50	50	8,0	6,3
160	90	10	700 647 661	140	50	54	9,5	5,4
160	110	10	700 647 662	120	40	45	9,5	6,6
160	125	10	700 647 663	110	40	44	9,5	7,4
160	140	10	700 647 664	90	40	33	9,5	8,3
180	125	10	700 647 665	130	40	52	10,7	7,4
180	140	10	700 647 666	110	40	41	10,7	8,3
180	160	10	700 647 667	90	40	33	10,7	9,5
200	140	10	700 647 668	140	40	50	11,9	8,3
200	160	10	700 647 669	120	40	41	11,9	9,5
200	180	10	700 647 670	100	40	43	11,9	10,7
225	160	10	700 647 671	140	40	57	13,4	9,5
225	180	10	700 647 672	120	40	48	13,4	10,7
225	200	10	700 647 673	100	40	40	13,4	11,9
250	180	10	700 647 674	150	40	54	14,8	10,7
250	200	10	700 647 675	130	40	55	14,8	11,9
250	225	10	700 647 676	110	40	40	14,8	13,4
280	200	10	700 647 677	160	40	58	16,6	11,9
280	225	10	700 647 678	130	40	52	16,6	13,4
280	250	10	700 647 679	110	40	47	16,6	14,8
315	225	10	700 647 680	160	40	62	18,7	13,4
315	250	10	700 647 681	140	40	57	18,7	14,8
315	280	10	700 647 682	120	40	54	18,7	16,6
355	250	10	700 647 683	180	40	74	21,1	14,8
355	280	10	700 647 684	150	40	61	21,1	16,6
355	315	10	700 647 685	120	40	51	21,1	18,7
400	280	10	700 647 686	200	40	85	23,7	16,6
400	315	10	700 647 687	170	40	75	23,7	18,7
400	355	10	700 647 688	130	40	58	23,7	21,1
450	315	10	700 647 689	210	40	86	26,7	18,7
450	355	10	700 647 690	180	40	79	26,7	21,1
450	400	10	700 647 691	140	40	65	26,7	23,7
500	315	10	700 647 692	260	40	107	29,7	18,7
500	355	10	700 647 693	220	40	91	29,7	21,1
500	400	10	700 647 694	190	40	86	29,7	23,7
500	450	10	700 647 695	140	40	65	29,7	26,7
560	450	10	700 647 696	200	40	91	33,2	26,7
560	500	10	700 647 697	150	40	70	33,2	29,7
630	500	10	700 647 698	220	40	99	37,4	29,7
630	560	10	700 647 699	170	40	84	37,4	33,2

Flange Adaptor PE100

**Long End for Butt and Electrofusion
Short End for Buttfusion**





Flange adaptor PE100 SDR11 Combined jointing face: flat and serrated

Model:

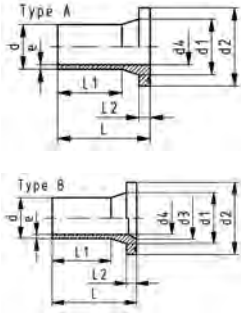
- Long spigot
- For IR, butt- and electro fusion
- Suitable for flange connections to metric (from d110 also to ANSI/ASME B16.5)
- Up to d315, suitable for butterfly valve type 567/578. Above use ecoFIT adaptor for butterfly valves SDR11 (d355-d800)
- Up to d280, suitable for butterfly valve type 037/038/039. Above use ecoFIT adaptor for butterfly valves SDR11 (d315-d800)
- Gasket d20-d630: Profile flange gasket NBR No. 45 44 07, EPDM No. 48 44 07
- Gasket d710-d1000: flat gasket EPDM No. 48 40 03
- 10 bar Gas / 16 bar Water
- Type A without chamfer, Type B with chamfer

* Not suitable for butterfly valves type 037/038/039

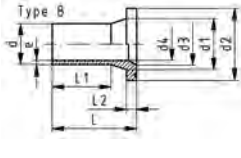
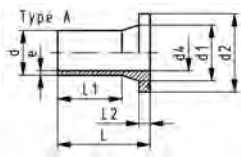
** Not suitable for butterfly valves

	d [mm]	DN [mm]	FM	Code	Weight [kg]
	20	15	IR	753 800 006	0.022
	25	20	IR	753 800 007	0.037
	32	25	IR	753 800 008	0.056
	40	32	IR	753 800 009	0.081
	50	40	IR	753 800 010	0.119
	63	50	IR	753 800 011	0.187
	75	65	IR	753 800 012	0.314
	90	80	IR	753 800 013	0.471
	110	100	IR	753 800 014	0.706
	125	100	IR	753 800 015	0.883
	140	125	IR	753 800 016	1.348
	160	150	IR	753 800 017	1.718
	180	150	IR	753 800 018	2.035
	200	200	IR	753 800 019	2.899
	225	200	IR	753 800 020	3.208
	250	250		753 800 021	4.878
	280	250		753 800 022	4.925
*	315	300		753 800 023	7.135
**	355	350		753 800 024	10.400
**	400	400		753 800 025	14.600
**	450	500		753 800 026	24.800
**	500	500		753 800 027	27.400
**	560	600		753 800 028	40.000
**	630	600		753 800 029	42.300
**	710	700		753 800 030	56.379
**	800	800		753 800 033	72.636

	d [mm]	DN [mm]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	Type
	20	15	27	45		16	85	41	7	1.9	A
	25	20	33	58		20	85	41	9	2.3	A
	32	25	40	68		26	85	44	10	3.0	A
	40	32	50	78		32	85	49	11	3.7	A
	50	40	61	88		40	90	62	12	4.6	A
	63	50	75	102		51	98	69	14	5.8	A
	75	65	89	122	66	61	125	89	16	6.8	B
	90	80	105	138	78	73	140	103	17	8.2	B
	110	100	125	158	100	90	160	114	18	10.0	B
	125	100	132	158	114	102	170	125	25	11.4	B
	140	125	155	188	127	114	200	147	25	12.7	B
	160	150	175	212	151	130	200	147	25	14.6	B
	180	150	180	212	158	147	200	170	30	16.4	B
	200	200	232	268	203	163	200	128	32	18.2	B
	225	200	235	268	210	184	200	138	32	20.5	B
	250	250	285	320	245	204	219	138	35	22.7	B
	280	250	291	320	265	229	231	144	35	25.4	B
*	315	300	335	370	300	257	239	158	35	28.6	B
**	355	350	373	430	340	290	260	176	40	32.3	B



	d [mm]	DN [mm]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	Type
**	400	400	427	482	385	327	290	186	46	36.3	B
**	450	500	514	585	400	368	333	195	60	40.9	B
**	500	500	530	585	440	409	350	212	60	45.5	B
**	560	600	615	685	490	458	365	230	60	50.9	B
**	630	600	642	685	545	515	385	250	60	57.3	B
**	710	700	737	800		581	400	280	60	64.5	A
**	800	800	840	905		652	400	280	65	74.0	A



Flange adaptor PE100 SDR17/17.6 Combined jointing face: flat and serrated

Model:

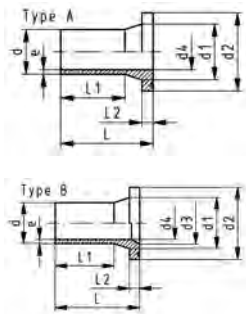
- Material: PE100
- Long spigot
- For IR, butt- and electro fusion
- Suitable for flange connections to metric (from d110 also to ANSI/ASME B16.5)
- Up to d315, suitable for butterfly valve type 567/578. Above use ecoFIT adaptor for butterfly valves SDR17.6 (d355-d1200)
- Up to d280, suitable for butterfly valve type 037/038/039. Above use ecoFIT adaptor for butterfly valves SDR17.6 (d315-d1200)
- Gasket d710-d1000: flat gasket EPDM No. 48 40 03
- Gasket d20-d630: Profile flange gasket NBR No. 45 44 07, EPDM No. 48 44 07
- 5 bar Gas / 10 bar Water
- Type A without chamfer, Type B with chamfer

* Not suitable for butterfly valves type 037/038/039

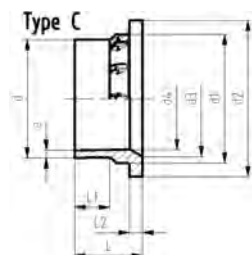
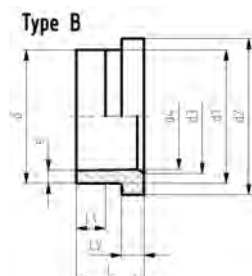
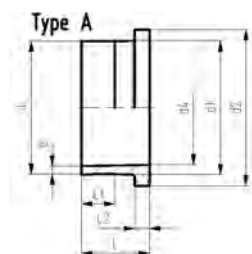
** Not suitable for butterfly valves

	d [mm]	DN [mm]	FM	Code	Weight [kg]
	50	40	IR	753 800 085	0.107
	63	50	IR	753 800 086	0.168
	75	65	IR	753 800 087	0.260
	90	80	IR	753 800 088	0.367
	110	100	IR	753 800 089	0.571
	125	100	IR	753 800 090	0.684
	140	125	IR	753 800 091	1.035
	160	150	IR	753 800 092	1.342
	180	150	IR	753 800 093	1.469
	200	200	IR	753 800 094	2.297
	225	200	IR	753 800 095	2.456
	250	250		753 800 096	3.500
	280	250		753 800 097	3.714
*	315	300		753 800 098	5.470
**	355	350		753 800 099	16.200
**	400	400		753 800 100	10.300
**	450	500		753 800 101	15.800
**	500	500		753 800 102	19.995
**	560	600		753 800 103	27.500
**	630	600		753 800 104	30.000
**	710	700		753 800 105	39.376
**	800	800		753 800 106	50.759
**	900	900		753 800 107	64.202
**	1000	1000		753 800 108	79.495

	d [mm]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	Type
	50	61	88		44	90	62	12	3.0	A
	63	75	102		55	106	70	14	3.8	A
	75	89	122		66	130	75	16	4.5	A
	90	105	138		79	140	103	17	5.4	A
	110	125	158		96	160	117	18	6.6	A
	125	132	158	114	110	170	125	25	7.4	B



	d [mm]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	Type
	140	155	188	127	123	200	147	25	8.3	B
	160	175	212	151	141	200	147	25	9.5	B
	180	180	212		158	200	170	30	10.7	A
	200	232	268	203	176	200	128	32	11.9	B
	225	235	268	210	198	200	138	32	13.4	B
	250	285	320	245	220	220	148	25	14.8	B
	280	291	320	265	246	230	154	25	16.6	B
*	315	335	370	300	277	242	166	36	18.7	B
**	355	373	430	340	312	261	179	30	21.1	B
**	400	427	483	385	352	290	196	33	23.7	B
**	450	514	585		396	333	195	60	26.7	A
**	500	530	585		440	350	212	60	29.7	A
**	560	615	685		493	365	230	60	33.2	A
**	630	642	685		555	385	250	60	37.4	A
**	710	737	800		626	400	280	50	42.1	A
**	800	840	905		705	400	280	52	47.4	A
**	900	944	1005		793	400	260	55	53.3	A
**	1000	1047	1110		881	400	260	60	59.3	A



Flange adaptor SDR11 Jointing face combination serrated/flat metric

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- Up to d315, suitable for butterfly valve type 567/578. Above use ecoFIT adaptor for butterfly valves SDR11 (d355-d800)
- Up to d280, suitable for butterfly valve type 037/038/039. Above use ecoFIT adaptor for butterfly valves SDR11 (d315-d800)
- Gasket d20-d630: Profile flange gasket NBR No. 45 44 07, EPDM No. 48 44 07
- Gasket d710-d1000: flat gasket EPDM No. 48 40 03

* Available starting Q3 2015

** Not suitable for butterfly valves

*** Not suitable for butterfly valves type 037/038/039

	d [mm]	DN [mm]	Code	Weight [kg]
*	20	15	753 798 306	0.016
*	25	20	753 798 307	0.034
*	32	25	753 798 308	0.046
*	40	32	753 798 309	0.067
*	50	40	753 798 310	0.098
*	63	50	753 798 311	0.157
*	75	65	753 798 312	0.258
*	90	80	753 798 313	0.347
*	110	100	753 798 314	0.471
*	125	100	753 798 315	0.517
*	140	125	753 798 316	0.780
*	160	150	753 798 317	0.973
*	180	150	753 798 318	1.077
*	200	200	753 798 319	1.734
*	225	200	753 798 320	1.772
	250	250	753 798 826	3.087
	280	250	753 798 827	3.760
**	315	300	753 798 828	4.385
***	355	350	753 798 829	5.855
***	400	400	753 798 830	8.760
***	450	500	753 798 831	14.680
***	500	500	753 798 832	13.630
***	560	600	753 798 833	19.380
***	630	600	753 798 834	16.500
***	710	700	753 798 835	21.586
***	800	800	753 798 836	28.505

	d [mm]	DN [mm]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	Type
*	20	15	26	45		16.0	50.0	29	7	1,9	A
*	25	20	32	58		20.0	52.0	27	9	2,3	A
*	32	25	40	68		26.0	54.0	28	10	2,9	A
*	40	32	49	78		32.0	55.0	25	11	3,7	A
*	50	40	60	88		40.0	62.0	32	12	4,6	A
*	63	50	75	102		49.0	68.0	38	14	5,8	A
*	75	65	89	122	66	58.0	80.0	46	16	6,8	C
*	90	80	105	138	78	70.0	80.0	44	17	8,2	C
*	110	100	125	158	100	87.0	80.0	43	18	10,0	C
*	125	100	132	158	114	99.0	82.0	36	25	11,4	C
*	140	125	155	188	127	110.4	89.0	42	25	12,7	C
*	160	150	175	212	151	127.4	92.0	40	25	14,6	C
*	180	150	182	212	154	148.6	92.0	40	30	16,4	B
*	200	200	232	268	203	173.6	100.0	35	32	18,2	C
*	225	200	235	268	210	196.3	100.0	35	32	20,5	C
	250	250	285	320	245	204.0	121.0	54	35	22,7	B
	280	250	291	320	265	229.0	119.0	69	35	25,4	B
**	315	300	335	370	300	257.0	166.0	88	35	28,6	B
***	355	350	373	430	340	290.0	187.0	98	40	32,2	B
***	400	400	427	482	385	327.0	196.0	106	45	36,3	B
***	450	500	514	585	400	368.0	139.0	61	60	40,9	B

	d [mm]	DN [mm]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	Type
***	500	500	530	585	440	409.0	138.0	62	60	45.4	B
***	560	600	615	684	490	458.0	135.0	20	60	50,8	B
***	630	600	642	684	545	516.0	135.0	40	60	57,2	B
***	710	700	737	800		581.0	120.0	20	60	64,5	A
***	800	800	840	905		655.0	120.0	18	65	72,6	A



Flange adaptor SDR17.6 Joining face combination serrated/flat metric

Model:

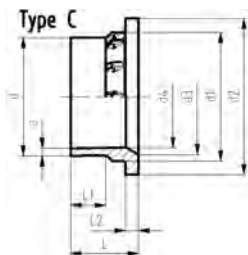
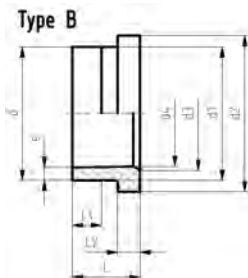
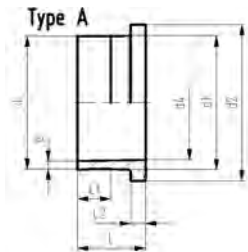
- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- Up to d315, suitable for butterfly valve type 567/578. Above use ecoFIT adaptor for butterfly valves SDR17.6 (d355-d1200)
- Up to d280, suitable for butterfly valve type 037/038/039. Above use ecoFIT adaptor for butterfly valves SDR17.6 (d315-d1200)
- Gasket d20-d630: Profile flange gasket NBR No. 45 44 07, EPDM No. 48 44 07
- Gasket d710-d1000: flat gasket EPDM No. 48 40 03

* Available starting Q3 2015

** Not suitable for butterfly valves

*** Not suitable for butterfly valves type 037/038/039

	d [mm]	DN [mm]	Code	Weight [kg]
*	50	40	753 798 210	0.093
*	63	50	753 798 211	0.118
*	75	65	753 798 212	0.220
*	90	80	753 798 213	0.291
*	110	100	753 798 214	0.389
*	125	100	753 798 215	0.421
*	140	125	753 798 216	0.648
*	160	150	753 798 217	0.703
*	180	150	753 798 218	0.739
*	200	200	753 798 219	1.331
*	225	200	753 798 220	1.304
*	250	250	753 798 851	2.272
*	280	250	753 798 852	2.154
**	315	300	753 798 853	3.819
***	355	350	753 798 854	4.155
***	400	400	753 798 855	7.810
***	450	500	753 798 856	10.914
***	500	500	753 798 857	9.865
***	560	600	753 798 858	14.875
***	630	600	753 798 859	12.515
***	710	700	753 798 860	15.878
***	800	800	753 798 861	20.948
***	900	900	753 798 862	29.183
***	1000	1000	753 798 863	36.209



	d [mm]	DN [mm]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	Type
*	50	40	60	88		44.2	62	32	12	3,0	A
*	63	50	75	102		55.8	68	38	14	3,8	A
*	75	65	89	122		63.0	80	46	16	4,5	A
*	90	80	105	138		76.4	80	44	17	5,4	A
*	110	100	125	158		94.0	80	43	18	6,6	A
*	125	100	132	158	114	107.6	82	36	18	7,4	B
*	140	125	155	188	127	120.5	89	42	18	8,3	B
*	160	150	175	212	158	138.3	92	47	18	9,5	C
*	180	150	182	212		155.4	92	45	20	10,7	A
*	200	200	232	268	203	173.6	100	42	24	11,9	C
*	225	200	235	268	210	196.3	100	42	24	13,4	C
*	250	250	285	320	245	220.0	121	61	25	14,8	B
*	280	250	291	320	265	246.0	119	69	25	16,6	B

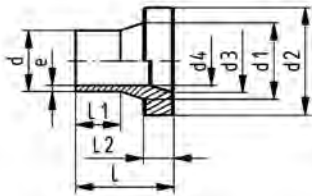
	d [mm]	DN [mm]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]	Type
**	315	300	335	370	300	277.0	164	86	25	18,7	B
***	355	350	373	430	340	312.0	180	100	30	21,1	B
***	400	400	427	482	385	352.0	197	110	33	23,7	B
***	450	500	514	585	400	396.0	141	64	46	26,7	B
***	500	500	530	585	440	440.0	141	67	46	29,7	B
***	560	600	615	685	430	493.0	142	60	50	33,2	B
***	630	600	642	685	545	555.0	144	71	50	37,4	B
***	710	700	737	800		626.0	120	20	50	42,1	A
***	800	800	840	905		705.0	120	18	52	47,4	A
***	900	900	944	1005		793.0	140	15	55	53,3	A
***	1000	1000	1047	1110		881.0	140	10	60	59,3	A



Adaptor for butterfly valves SDR11 Jointing face flat metric

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- Suitable for butterfly valves type 567/578 and 037/038/039



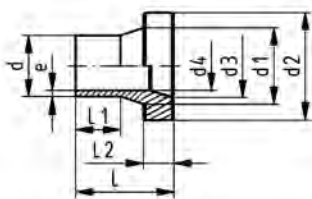
d [mm]	DN [mm]	Code	Weight [kg]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]
355	350	753 798 724	7.805	373	430	346	291	180	90	65	32.2
400	400	753 798 725	10.057	427	482	404	327	196	95	69	36.3
450	450	753 798 726	13.448	467	533	460	368	195	60	108	40.9
500	500	753 798 727	15.001	530	585	500	409	188	60	90	45.4
560	600	753 798 728	29.270	615	685	610	458	282	60	147	50.8
630	600	753 798 729	23.042	642	685	610	515	210	60	132	57.2
710	700	753 798 730	33.765	737	800	701	581	215	20	155	64.5
800	800	753 798 731	41.787	840	905	785	655	194	18	140	72.6



Adaptor for butterfly valves SDR17/17.6 Jointing face flat metric

Model:

- Material: PE100
- Conventional butt-welding according to DVS 2207 part 11
- Suitable for butterfly valves type 567/578 and 037/038/039



d [mm]	DN [mm]	Code	Weight [kg]	d1 [mm]	d2 [mm]	d3 [mm]	d4 [mm]	L [mm]	L1 [mm]	L2 [mm]	e [mm]
355	350	753 798 749	6.479	373	430	346	312	180	90	65	21.1
400	400	753 798 750	8.426	427	482	404	352	196	95	69	23.7
450	450	753 798 751	9.570	467	533	460	396	195	60	70	26.7
500	500	753 798 752	8.263	530	585	500	440	144	60	47	29.7
560	600	753 798 753	17.307	615	685	610	493	227	60	92	33.2
630	600	753 798 754	12.122	642	685	610	555	149	60	71	37.4
710	700	753 798 755	21.505	737	800	701	625	175	20	105	42.1
800	800	753 798 756	21.841	840	905	785	705	142	18	74	47.4
900	900	753 798 757	34.187	944	1005	890	793	189	15	104	53.3
1000	1000	753 798 758	43.733	1047	1110	994	881	204	10	124	59.3
1200	1200	753 798 759	106.295	1256	1330	1860	1057	377	160	126	71.2

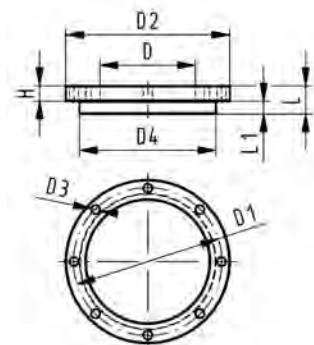
Flanges and Gaskets

The right size for every challenge



Flanges

Blanking flange set PE Combined jointing face flat and serrated metric



Model:

- d63 - d315: backing flange PP-V with end blank PE
- d355 - d630: backing flange PP/Steel with end blank PE
- Connecting dimensions: ISO 7005, EN 1092, DIN 2501
- Bolt circle PN 10

AL: number of holes

L: length of the End Blank

d [mm]	DN [mm]	PN [bar]	Code	Weight [kg]
63	50	16	753 700 611	0.674
75	65	16	753 700 612	0.910
90	80	16	753 700 613	0.921
110	100	16	753 700 614	1.158
125	100	16	753 700 615	1.678
140	125	16	753 700 616	1.913
160	150	16	753 700 617	2.373
180	150	16	753 700 618	2.430
200	200	16	753 700 619	3.495
225	200	16	753 700 620	3.744
250	250	16	753 700 621	6.051
280	250	16	753 700 622	6.305
315	300	16	753 700 623	8.894
355	350	16	753 700 624	23.198
400	400	16	753 700 625	30.766
450	500	10	753 700 626	44.271
500	500	10	753 700 627	47.165
560	600	10	753 700 628	67.147
630	600	10	753 700 629	68.574

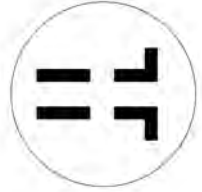
d [mm]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	D4 [mm]	L [mm]	L1 [mm]	H [mm]	AL	SC
63	75	125	165	18	102	30	14	24	4	M16
75	89	145	185	18	122	30	16	26	4	M16
90	105	160	200	18	138	30	17	27	8	M16
110	125	180	220	18	158	30	18	28	8	M16
125	132	180	220	18	158	35	25	28	8	M16
140	155	210	250	18	188	40	25	30	8	M16
160	175	240	285	22	212	40	25	32	8	M20
180	180	240	285	22	212	45	30	32	8	M20
200	232	295	340	22	268	50	32	34	8	M20
225	235	295	340	22	268	50	32	34	8	M20
250	285	350	395	22	320	55	35	38	12	M20
280	291	350	395	22	320	60	35	38	12	M20
315	335	400	445	22	370	65	35	42	12	M20
355	373	460	515	22	430	70	40	40	16	M20
400	427	515	574	26	482	75	46	40	16	M24
450	510	620	684	26	585	80	60	49	20	M24
500	530	620	684	26	585	90	60	49	20	M24
560	615	725	796	30	685	100	60	58	20	M27
630	642	725	796	30	685	110	60	68	20	M27



Backing flange PP-Steel For butt fusion systems metric

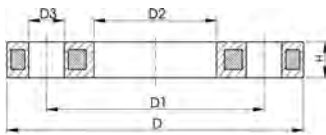
Model:

- Material: PP (30% glass-fibre reinforced) with steel ring
- UV-resistant. Applicable for outside applications
- Connecting dimension: ISO 7005, EN 1092, BS 4504, DIN 2501
- **Bolt circle PN 10**



AL: number of holes

*Combined version, bolt circle metri - ANSI



	d [mm]	d [inch]	DN [mm]	PN [bar]	Code	Weight [kg]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	H [mm]	AL	SC
	20		15	16	727 700 206	0.216	95	65	28	14	12	4	M12
	25		20	16	727 700 207	0.279	105	75	34	14	12	4	M12
	32		25	16	727 700 208	0.429	115	85	42	14	16	4	M12
	40		32	16	727 700 209	0.621	140	100	51	18	16	4	M16
	50		40	16	727 700 210	0.722	150	110	62	18	20	4	M16
	63		50	16	727 700 211	1.084	165	125	78	18	20	4	M16
	75		65	16	727 700 212	1.349	185	145	92	18	20	4	M16
	90		80	16	727 700 313	1.390	200	160	108	18	20	8	M16
	110		100	16	727 700 314	1.407	220	180	128	18	20	8	M16
	125		100	16	727 700 315	1.408	220	180	135	18	20	8	M16
*	140		125	16	727 700 716	2.318	250	210	158	18	26	8	M16
*	160	6	150	16	727 700 717	3.491	285	241	178	22	26	8	M20
*	180		150	16	727 700 718	3.108	285	241	188	22	26	8	M20
*	200	8	200	16	727 700 719	5.600	340	297	235	22	29	8	M20
*	225	8	200	16	727 700 720	5.533	340	297	238	22	29	8	M20
	250		250	16	727 700 721	6.632	395	350	288	22	32	12	M20
	280		250	16	727 700 722	6.573	395	350	294	22	32	12	M20
	315		300	16	727 700 723	7.903	445	400	338	22	36	12	M20
	355		350	16	727 700 724	14.587	515	460	376	23	42	16	M20
	400		400	16	727 700 725	20.034	574	515	430	26	42	16	M24



Profiled backing flange PP-Steel For butt fusion systems metric

Model:

- PP with glass-fibre reinforcement and GGG 50 insert
- UV-resistant. Applicable for outside applications
- Connecting dimensions: ISO 7005, EN 1092, DIN 2501
- **Bolt circle PN 10**

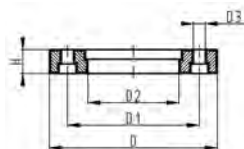
Note:

flat side = bolt side profiled side = flange adaptor side



AL: number of holes

* Galvanized steel, suitable for underground laying



	d [mm]	DN [mm]	PN [bar]	Code	Weight [kg]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	H [mm]	AL	SC
*	450	450	10	724 705 026	22.600	615	565	470	26	44	20	M24
	450	500	10	724 700 426	25.600	685	620	517	26	54	20	M24
	500	500	10	724 700 427	21.061	685	620	533	26	54	20	M24
	560	600	10	724 700 428	35.000	796	725	618	30	64	20	M27
	630	600	10	724 700 429	32.500	800	725	645	30	58	20	M27
	710	700	6	724 700 430	25.500	912	840	740	30	49	24	M27
	800	800	6	724 700 431	39.300	1026	950	843	33	58	24	M30
	900	900	6	724 700 432	48.500	1129	1050	947	33	62	28	M30



Profiled backing flange PP-Steel For butt fusion systems metric

Model:

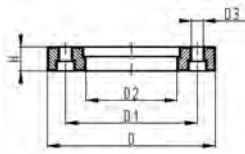
- PP with glass-fibre reinforcement and GGG 50 insert
- UV-resistant. Applicable for outside applications
- Connecting dimensions: ISO 7005, EN 1092, DIN 2501
- **Bolt circle PN 16**

Note:

flat side = bolt side profiled side = flange adaptor side



AL: number of holes



d [mm]	DN [mm]	PN [bar]	Code	Weight [kg]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	H [mm]	AL	SC
200	200	16	724 700 319	3.549	344	295	235	22	28	12	M20
225	200	16	724 700 320	3.380	344	295	238	22	28	12	M20
250	250	16	724 700 321	6.390	410	355	288	26	33	12	M24
280	250	16	724 700 322	6.310	410	355	294	26	33	12	M24
315	300	16	724 700 323	9.740	455	410	338	26	40	12	M24
355	350	16	724 700 324	15.203	521	470	376	26	50	16	M24
400	400	16	724 700 325	20.600	582	525	430	30	54	16	M27



Profiled backing flange PP-Steel For butt fusion systems metric

Model:

- PP with glass-fibre reinforcement and GGG 50 insert
- UV-resistant. Applicable for outside applications
- Connecting dimensions: ISO 7005, EN 1092, DIN 2501
- **Bolt circle PN 10**

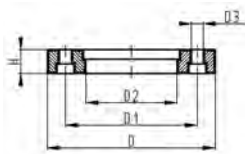
Note:

flat side = bolt side profiled side = flange adaptor side



AL: number of holes

* Galvanized steel, suitable for underground laying



	d [mm]	DN [mm]	PN [bar]	Code	Weight [kg]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	H [mm]	AL	SC
*	450	450	10	724 705 026	22.600	615	565	470	26	44	20	M24
	450	500	10	724 700 426	25.600	685	620	517	26	54	20	M24
	500	500	10	724 700 427	21.061	685	620	533	26	54	20	M24
	560	600	10	724 700 428	35.000	796	725	618	30	64	20	M27
	630	600	10	724 700 429	32.500	800	725	645	30	58	20	M27
	710	700	6	724 700 430	25.500	912	840	740	30	49	24	M27
	800	800	6	724 700 431	39.300	1026	950	843	33	58	24	M30
	900	900	6	724 700 432	48.500	1129	1050	947	33	62	28	M30

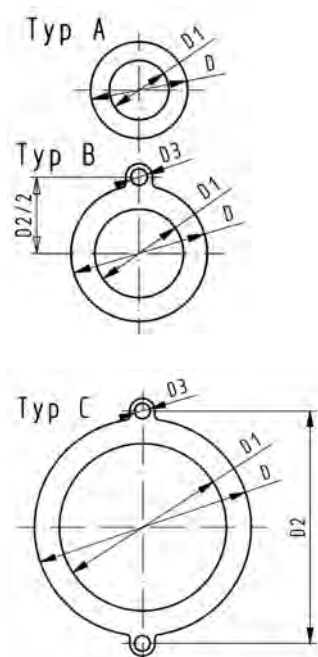


Flat gasket

Model:

- For all metric GF Flange Adaptors
- Hardness approx. 65° Shore
- Integrated fixation aids from d110
- Centering on the inner diameter of the screw crown

di FA are the suitable inner diameters of flanges adaptors



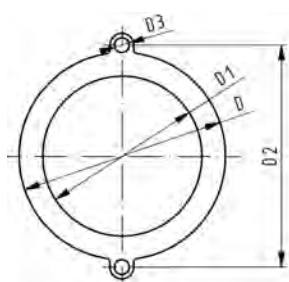
d [mm]	DN [mm]	PN [bar]	Type	EPDM Code	Weight [kg]	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	H [mm]	di FA [mm]
16	10	10	A	748 400 305	0.004	46	16			2	6 - 26
20	15	10	A	748 400 306	0.012	51	20			2	10 - 30
25	20	10	A	748 400 307	0.004	61	25			2	15 - 35
32	25	10	A	748 400 308	0.008	71	32			2	22 - 42
40	32	10	A	748 400 309	0.013	82	40			3	30 - 50
50	40	10	A	748 400 310	0.016	92	50			3	40 - 60
63	50	10	A	748 400 311	0.018	107	63			3	53 - 73
75	65	10	A	748 400 312	0.029	127	71			3	61 - 81
90	80	10	A	748 400 313	0.035	142	84			3	74 - 94
110	100	10	B	748 400 314	0.051	162	104	180	18	4	94 - 114
125	100	10	B	748 400 315	0.044	162	119	180	18	4	109 - 129
140	125	10	B	748 400 316	0.068	192	134	210	18	4	124 - 144
160 - 180	150	10	B	748 400 317	0.090	218	155	241	22	4	145 - 165
200	200	6	C	748 400 319	0.210	273	195	295	22	5	185 - 205
225	200	6	C	748 400 320	0.140	273	216	295	22	5	206 - 226
250	250	6	C	748 400 321	0.210	328	250	350	22	5	240 - 260
280	250	6	C	748 400 322	0.151	328	273	350	22	5	263 - 283
315	300	6	C	748 400 323	0.237	378	305	400	22	5	295 - 315



Flat gasket for flange adaptor

Model:

- Hardness: EPDM ca. 70° shore
- Flange bolt circle: PN10
- Integrated fixation aids
- Centering on the inner diameter of the screw crown



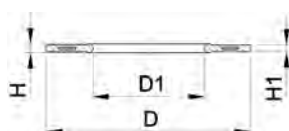
PN* [bar]	d [mm]	DN [mm]	EPDM Code	Weight [kg]	D2 [mm]	D3 [mm]	D1 [mm]	H [mm]	D [mm]
6	710	700	748 400 330	0.900	840	30	625	5	810
6	800	800	748 400 331	1.000	950	33	705	5	917
6	900	900	748 400 332	1.200	1050	36	805	5	1014
6	1000	1000	748 400 333	1.400	1160	39	890	5	1121



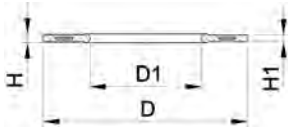
Profile flange gasket metric EPDM

Model:

- Material: EPDM
- Profile gasket with steel insert
- Approval: ACS



d [mm]	DN	EPDM Code	D [mm]	D1 [mm]	H [mm]	H1 [mm]
40	32/40	748 442 709	82	40	4	3
50	40/50	748 442 710	92	46	4	3
63	50/60/65	748 442 711	107	58	5	4
75	60/65/80	748 442 712	116	77	5	4
90	80	748 442 713	142	84	5	4



d [mm]	DN	EPDM Code	D [mm]	D1 [mm]	H [mm]	H1 [mm]	
110	100	748 442 714	162	104	6	5	
125	100	748 442 715	162	123	6	5	
140	125	748 442 716	192	137	6	5	
160 - 180	150	748 442 717	218	160	8	6	
200	200	748 442 719	273	203	8	6	
225	200	748 442 720	273	220	8	6	
250	250	748 442 721	328	252	8	6	
280	250	748 442 722	328	274	8	6	
315	300	748 442 723	378	306	8	6	

House Entry and Geothermal Systems

**GEBEF 2010
Tangit M3000
Y – Piece Set**



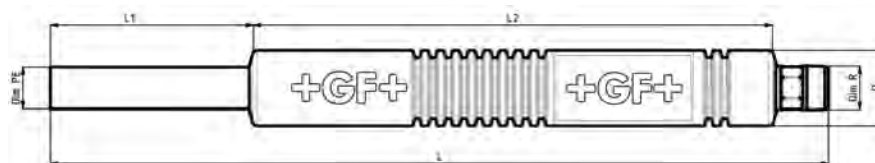
House entry and geothermal systems

GEBEF Typ 2010 Male thread red brass



- No electrical conductivity
- 5 bar Gas / 16 bar Water
- Male thread R according to EN 10226-1
- Fire resistance 650°C (tested acc. to DVGW VP 601)

PE [mm]	R [inch]	Code	Weight [kg]	D [mm]	L [mm]	L1 [mm]	L2 [mm]	core hole drilling [mm]
40 x 3,7	1 ¼	775 021 001	3.100	72	750	196	500	100
50 x 4,6	1 ½	775 021 002	3.800	78	750	191	500	125
63 x 5,8	2	775 021 003	4.300	90	750	184	500	125



Tangit expansion resin M3000

2 K-Expansionsharz zur Befestigung von Gas- und Wasser-Hauseinführungen, Abwasser- sowie Kabel- Wanddurchführungen. Zu verarbeiten mit Tangit Profi Kartuschen-Pistole PP6



Article	Code	Weight [kg]	Description
TE 300	799 271 079	0.468	6 cartridges á 300 ml
TE 150	799 271 082	0.225	10 cartridges á 150 ml

Tangit Profi Cartridge-Spray Gun

Spezialpistole zur Verwendung mit Tangit Expansionsharz M3000



Article Code	Code	Weight [kg]	Description
PP 6	799 271 084	1.040	6 spray guns
PP 1	799 271 090	1.040	



FP 504 Mixing Tubes

Spezial-Werkzeug als Mischaufsatz für Tangit Brandschutz-Schaum FP 500 und Tangit M 3000

Article	Code	Weight [kg]	Description
TB 504	799 271 810	0.021	1 poche á 10 mixed tubes and 10 extended tubes



Sealing Tube

Zur dauerhaften Abdichtung gegen drückendes Wasser an Gas- und Wasser-Hauseinführungen, Abwasser-Wanddurchführungen sowie Kabel-Wanddurchführungen

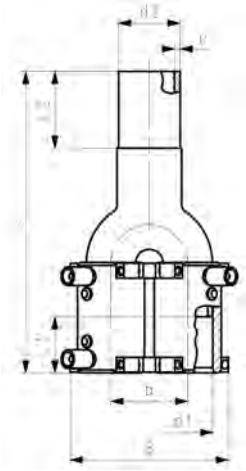
Article	Code	Weight [kg]	Description
TD 082	799 271 080	0.246	6 tubes



Y-piece Set with spigot end

- PE 100 SDR 11 (ISO S5)
- For junction of geothermal probe pipes
- Integrated pipe fixation
- Limited path fusion indicators
- 4 mm pin connectors

d1 [mm]	d2 [mm]	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	B [mm]	b [mm]	e [mm]
32	40	193 281 739	0.250	195	34	50	107	50	4
40	50	193 281 741	0.318	210	39	50	126	60	5



Y-piece Set

- PE 100 SDR 11 (ISO S5)
- For junction of geothermal probe pipes
- Integrated pipe fixation
- Limited path fusion indicators
- 4 mm pin connectors

d1 [mm]	d2 [mm]	Code	Weight [kg]	L [mm]	L1 [mm]	L2 [mm]	B [mm]	b [mm]
32	40	193 281 740	0.337	233	34	39	107	50
40	50	193 281 742	0.451	252	39	43	126	60

