

Product Range
International
2013

Utility Systems





**ELGEF® Plus
Electrofusion System**

ELGEF Plus Couplers
ELGEF Plus Electrofusion fittings
ELGEF Plus Transition fittings

Electrofusion couplers and fittings

Technical data

Fusion compatibility

Next to the GF specifications for fusion compatibility the national regulations must be considered. The weakest component defines the max. allowable operating pressure.

All pipes must be in accordance with international regulations. The melt flow rate (MFR) must be between 0.2 and 1.4 g/10 min. National rules and regulations must be adhered to. All data given relates to PE 100 pipes.

Couplers (with integrated clamps from d20 – 63 mm) are used in conjunction with PE pipes and PE spigot fittings. Both socket outlets are fused simultaneously (mono-filament) on couplers ≤ d500 mm. Each socket is fused separately (bi-filament) for couplers of d560 mm and above. Couplers with flex groove design are bi-filament from ≥ d500 mm.

ELGEF Plus - electrofusion couplers SDR11

Pipe ø d [mm]	SDR9 ISO S4	SDR 11 ISO S5	SDR17/ 17.6 ISO S8	SDR 26 ISO S12.5	SDR 33 ISO S16
20	+	+			
25	+	+			
32	+	+			
40	+	+			
50	+	+	+		
63	+	+	+		
75	+	+	+	+	+
90	+	+	+	+	+
110	+	+	+	+	+
125	+	+	+	+	+
140	+	+	+	+	+
160	+	+	+	+	
180	+	+	+	+	
200	+	+	+	+	
225	+	+	+	+	
250	+	+	+	+	
280	+	+	+	+	
315	+	+	+	+	
355	+	+	+	+	
400	+	+	+	+	
450		+	+		
500		+	+		
560		+	+		
630		+	+		

+ suitable

+* conditionally suitable depending on temperature, pressure and medium, but only for water applications. Please contact your local GF contact.

++ conditionally suitable depending on temperature, pressure and medium. Please contact your local GF contact.

ELGEF Plus - electrofusion couplers SDR17

Pipe ø d [mm]	SDR 11 ISO S5	SDR 17/17.6 ISO S8	SDR 26 ISO S12.5	SDR 33 ISO S16
160	+	+	+	+
180	+	+	+	+
200	+	+	+	+
225	+	+	+	+
250	+	+	+	+
280	+	+	+	+
315	+	+	+	+
355	+	+	+	+
400	+	+	+	+
450	+	+	+	+
500	+	+	+	+
560 (Monoring)	+	+	+	+
560 (Flex-groove)	+	+	+	
630 (Monoring)	+	+	+	+
630 (Flex-groove)	+	+	+	

+ suitable

++ conditionally suitable depending on temperature, pressure and medium. Please contact your local GF contact.

ELGEF Plus - electrofusion fittings SDR11

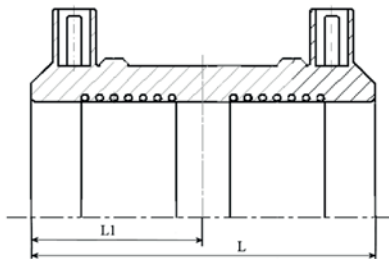
Pipe ø d [mm]	SDR 11 ISO S5	SDR 17/17.6 ISO S8	SDR 26 ISO S12.5	SDR 33 ISO S16
20	+			
25	+			
32	+			
40	+			
50	+	+		
63	+	+		
75	+	+		
90	+	+	+	
110	+	+	+	
125	+	+	+	
160	+	+	+	
180	+	+	+	
200	+	+	+	
225	+	+	+	
250	+	+	+	

+ suitable

++ conditionally suitable depending on temperature, pressure and medium. Please contact your local GF contact.

Insertion depth for couplers and fittings

d [mm]	Insertion depth L1 [mm]	
	SDR11	SDR17
20	34	
25	34	
32	36	
40	40	
50	44	
63	48	
75	55	
90	62	
110	72	
125	79	
140	84	
160	90	
180	95	
200	101	
225	110	
250	122	
280	126	
315	132	
355	122	
400	122	
450	160	145
500	178	145
560	193	196
560 (Flex-groove)		193
630	213	221
630 (Flex-groove)		213



Minimum cooling time for couplers and fittings in minutes

d	SDR	Removal of clamp	Pressure test	
[mm]		[min.]	p ≤ 6 bar	p ≤ 18 bar
20-63	11	6	10	30
75-110	11	10	20	60
125-160*	11	20	30	75
180-225**	11	20	45	90
250-315	11	30	60	150
355-400	11	45	90	150
*fittings d 160	11	30	45	90
**fittings d 180	11	30	60	90
450-630	11	60	90	150

p = test pressure

d	SDR	Removal of clamp	Pressure test	
[mm]		[min.]	p ≤ 6 bar	p ≤ 18 bar
125-160	17	20	30	75
180-225	17	20	45	90
250-315	17	30	60	150
355-400	17	45	90	150
450-630	17	60	90	150

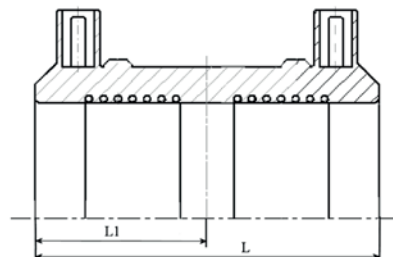
p = test pressure

Overview ELGEF Plus couplers, fittings and transition adaptors

¹ Insertion depth for couplers and fittings

d [mm]	Insertion depth L1 [mm]	
	SDR11	SDR17
20	34	
25	34	
32	36	
40	40	
50	44	
63	48	
75	55	
90	62	
110	72	
125	79	
140	84	
160	90	
180	95	
200	101	
225	110	

250	122	
280	126	
315	132	
355	122	
400	122	
450		145
500		145
560		196
630		221



² Minimum cooling time for couplers and fittings in minutes

d	SDR	Removal of clamp	Pressure test $p \leq 6 \text{ bar}$ $p \leq 18 \text{ bar}$	
[mm]		[min.]	[min.]	[min.]
20-63	11	6	10	30
75-110	11	10	20	60
125-160*	11	20	30	75
180-225**	11	20	45	90
250-315	11	30	60	150
355-400	11	45	90	150
*fittings d 160	11	30	45	90
**fittings d 180	11	30	60	90

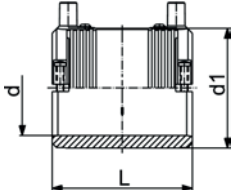
p = test pressure

d	SDR	Removal of clamp	Pressure test $p \leq 6 \text{ bar}$ $p \leq 18 \text{ bar}$	
[mm]		[min.]	[min.]	[min.]
125-160	17	20	30	75
180-225	17	20	45	90
250-315	17	30	60	150
355-400	17	45	90	150
450-630	17	60	90	150

p = test pressure

ELGEF Plus electrofusion fittings

53 91 16



PF 2 51 312 001

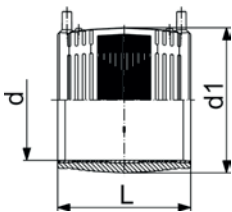
Coupler

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	GP	kg	d1 [mm]	L [mm]
20	753 911 606	50	0.053	31	70
25	753 911 607	50	0.050	36	70
32	753 911 608	50	0.071	44	72
40	753 911 609	50	0.095	54	80
50	753 911 610	30	0.131	66	88
63	753 911 611	24	0.194	81	96

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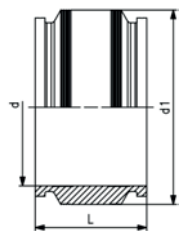
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Coupler

- 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	GP	kg	d1 [mm]	L [mm]
75	753 911 612	12	0.282	96	110
90	753 911 613	10	0.406	113	125
110	753 911 614	5	0.692	138	145
125	753 911 615	5	0.718	154	156
140	753 911 616	5	0.945	172	166
160	753 911 617	6	1.362	196	180
180	753 911 618	5	1.747	219	192
200	753 911 619	4	1.866	244	208
225	753 911 620	3	3.329	273	225
250	753 911 621	2	4.678	304	248
280	753 911 622	1	5.647	340	252
315	753 911 623	1	8.142	382	267
355	753 911 624	1	13.098	432	290
400	753 911 625	1	18.320	487	290

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Coupler

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

d [mm]	Code	GP	kg	d1 [mm]	L [mm]
450	753 911 646	1	20.675	559	320
500	753 911 647	1	28.403	621	360
560	753 911 648	1	39.503	694	390
630	753 911 649	1	55.641	780	430

53 91 16



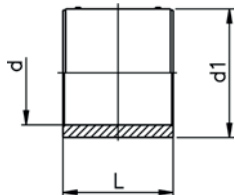
PF 2 51 312 016

Coupler

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

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	
710	753 911 650	1	72.450	878	475	
800	753 911 651	1	102.490	988	520	
900	753 911 652	1	137.930	1110	550	

53 91 18



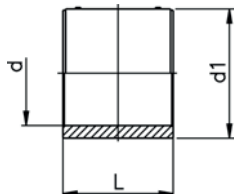
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Coupler

- **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	GP	kg	d1 [mm]	L [mm]	
160	753 911 817	6	1.017	186	180	
180	753 911 818	6	1.434	213	192	
200	753 911 819	4	1.726	233	206	
225	753 911 820	3	2.545	261	225	
250	753 911 821	2	4.616	304	248	
280	753 911 822	1	5.606	304	252	
315	753 911 823	1	8.186	382	267	
355	753 911 824	1	9.522	414	290	
400	753 911 825	1	18.000	487	290	
450	753 911 826	1	16.000	522	313	
500	753 911 827	1	22.000	579	343	

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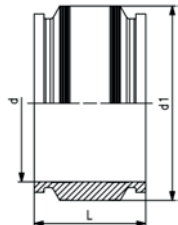
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Coupler

- **PE 100 SDR 17** (ISO S8)
- 5 bar Gas / 10 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- 2 separate welding zones
- **Installation only with pressure pad kit (799 301 561)**
- For welding with MSA fusion units a generator with min. 4 kW power output is recommended

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	
560	753 911 828	1	25.500	638	392	
630	753 911 829	1	35.000	716	442	

53 91 16



PF 2 51 312 006

Coupler

- **PE100 SDR17**
- 10 bar water
- Only for water applications
- 4 mm pin connectors
- Limited path fusion indicators

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	
560	753 911 848	1	27.109	644	390	
630	753 911 849	1	38.800	723	430	

53 91 18



PF 2 51 312 016

Coupler

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

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	
710	753 911 850	1	49.370	814	475	
800	753 911 851	1	69.180	916	520	
900	753 911 852	1	93.150	1030	550	
1000	753 911 853	1	125.650	1143	600	
1200	753 911 854	1	196.450	1370	650	

53 91 18



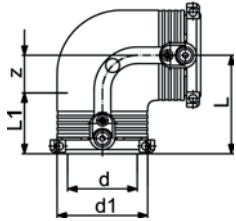
PF 2 51 312 016

Coupler

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

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	
710	753 911 950	1	31.920	797	360	
800	753 911 951	1	42.800	897	380	
900	753 911 952	1	57.580	1009	400	
1000	753 911 953	1	79.270	1121	440	
1200	753 911 954	1	125.700	1345	480	

53 10 16



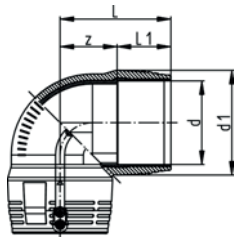
PF 2 51 314 001

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	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	
20	753 101 606	10	0.080	35	54	34	20	
25	753 101 607	10	0.068	35	54	34	20	
32	753 101 608	35	0.098	44	53	36	17	
40	753 101 609	10	0.141	54	62	39	23	
50	753 101 610	10	0.200	66	71	43	28	
63	753 101 611	10	0.318	81	81	48	32	

53 10 18



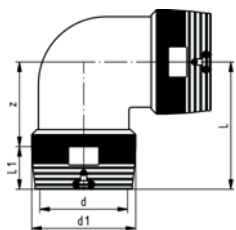
PF 2 51 314 001

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	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	
75	753 101 612	25	0.415	97	94	54	40	
90	753 101 813	15	0.828	115	122	62	60	
110	753 101 814	8	1.224	140	147	72	76	
125	753 101 815	5	1.742	160	142	74	68	
160	753 101 817	4	3.830	208	193	89	104	
180	753 101 818	3	5.410	234	213	96	117	

53 10 18



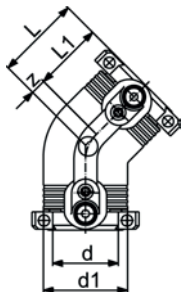
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Elbow 90°

- 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	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	
200	753 101 819	1	9.320	250	298	104	194	
225	753 101 820	1	13.220	280	318	112	206	
250	753 101 821	1	16.600	310	347	123	224	

53 15 16



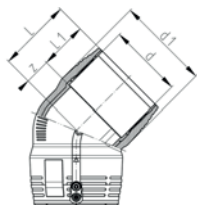
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Elbow 45° With integral pipe fixation

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

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	
32	753 151 608	20	0.075	44	44	36	8	
40	753 151 609	10	0.106	54	50	39	11	
50	753 151 610	10	0.171	66	56	43	13	
63	753 151 611	10	0.252	81	63	48	15	

53 15 18



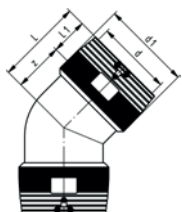
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Elbow 45°

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

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	
75	753 151 612	25	0.332	97	71	54	17	
90	753 151 813	20	0.583	115	91	62	29	
110	753 151 814	12	0.985	140	112	72	40	
125	753 151 815	6	1.438	160	127	78	49	
160	753 151 817	5	3.055	208	134	89	42	
180	753 151 818	4	4.037	234	142	96	47	

53 15 18



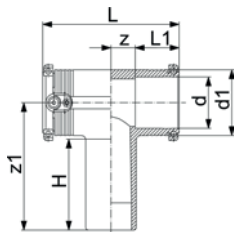
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Elbow 45°

- 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	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	
200	753 151 819	1	7.566	250	232	104	128	
225	753 151 820	1	11.300	280	247	112	135	
250	753 151 821	1	13.500	310	275	123	152	

53 21 16



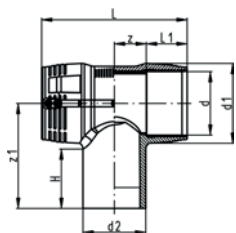
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Tee 90° equal With integral pipe fixation

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

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]	
20	753 211 606	10	0.085	35	88	32	11	92	67	
25	753 211 607	10	0.075	35	90	32	11	92	70	
32	753 211 608	10	0.118	44	102	34	15	100	74	
40	753 211 609	10	0.175	54	119	39	21	114	82	
50	753 211 610	5	0.252	66	135	42	24	126	90	
63	753 211 611	5	0.407	81	151	46	28	150	102	

53 20 18



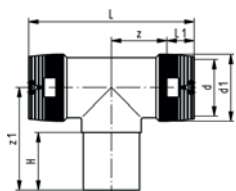
PF 2 51 314 001

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	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]	
75	753 201 612	18	0.569	97	178	54	35	143	87	
90	753 201 813	10	0.891	115	205	62	41	161	94	
110	753 201 814	6	1.576	140	255	72	56	184	104	
125	753 201 815	4	2.212	161	276	78	60	207	113	
160	753 201 817	4	4.386	210	330	89	76	220	105	
180	753 201 818	2	6.796	233	350	96	79	247	120	

53 20 18



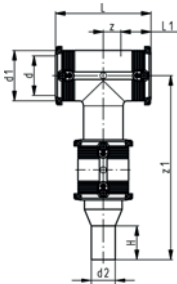
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Tee 90° equal

- 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	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]	
200	753 201 819	1	10.800	250	590	104	191.0	250	117	
225	753 201 820	1	15.900	280	636	112	206.0	270	122	
250	753 201 821	1	18.900	310	685	123	219.5	288	127	

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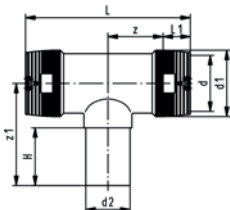
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Tee 90° reduced (kit)

- 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	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	

53 21 10



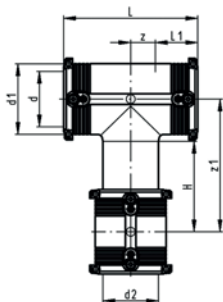
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Tee 90° reduced

- 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	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]	
160	63	753 211 037	2	5.660	200	433	90	126.5	176	65	
160	90	753 211 039	2	5.508	200	496	90	158.0	188	79	
160	110	753 211 040	2	5.157	200	496	90	158.0	195	85	
200	90	753 211 059	1	9.012	250	596	104	194.0	215	81	
200	110	753 211 060	1	12.400	250	596	104	194.0	218	84	
200	160	753 211 063	1	12.400	250	596	104	194.0	236	101	
225	90	753 211 069	1	13.100	280	658	112	217.0	226	80	
225	110	753 211 070	1	13.100	280	658	112	217.0	235	85	
225	160	753 211 073	1	13.600	280	658	112	217.0	255	105	
250	110	753 211 080	1	11.660	310	685	123	219.5	245	85	
250	160	753 211 083	1	11.660	310	685	123	219.5	264	101	

53 20 16

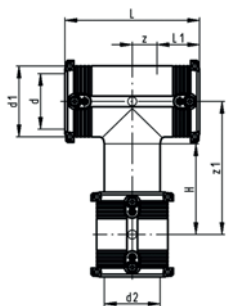


Tee 90° with weldable outlet (kit) Equal or reduced

- 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	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]	
20	20	753 201 606	6	0.161	35	90	34	11	92	67	
25	25	753 201 607	6	0.122	35	90	34	11	92	70	
32	32	753 201 608	6	0.201	44	102	36	15	100	74	
40	32	193 281 006	6	0.288	54	120	39	21	127	95	
40	40	753 201 609	6	0.285	54	120	39	21	114	82	
50	32	193 281 007	4	0.364	66	135	43	24	144	108	
50	40	193 281 008	4	0.407	66	135	43	24	140	104	
50	50	753 201 610	4	0.389	66	135	43	24	126	90	
63	32	193 280 997	4	0.550	81	152	48	28	173	125	
63	40	193 281 009	4	0.566	81	152	48	28	169	121	
63	50	193 281 010	4	0.628	81	152	48	28	165	117	
63	63	753 201 611	4	0.615	81	152	48	28	150	102	
90	63	193 281 011	3	1.311	112	202	61	41	182	120	
90	90	753 201 613	3	1.342	112	202	61	41	146	84	

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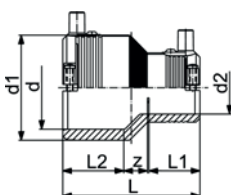
PF 2 51 314 001

d [mm]	d2 [mm]	Code	GP	kg	d1 [mm]	L [mm]	L1 [mm]	z [mm]	z1 [mm]	H [mm]	
110	90	193 281 012	2	2.343	136	242	65	56	200	127	
110	110	753 201 614	2	2.329	136	242	65	56	161	88	
125	90	193 281 013	1	3.146	151	256	75	53	214	132	
125	125	753 201 615	1	2.960	151	256	75	53	174	92	
160	110	193 281 030	1	7.443	196	325	92	71	271	168	
160	160	753 201 617	1	6.359	196	325	92	71	206	103	
180	125	193 281 031	1	9.654	225	344	90	82	330	190	
180	180	753 201 618	1	8.561	225	344	90	82	250	110	

53 90 16

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



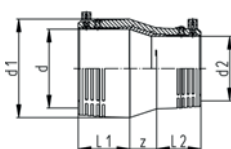
PF 2 51 314 001

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

53 90 18

Reducer

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



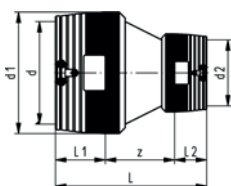
PF 2 51 314 001

d [mm]	d2 [mm]	Code	GP	kg	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	z [mm]	
90	63	753 901 831	30	0.385	113	146	63	47	36	
110	90	753 901 833	16	0.700	138	173	73	63	38	
125	90	753 901 836	12	0.891	152	180	79	61	40	
160	110	753 901 834	6	1.641	196	226	91	70	65	
180	125	753 901 835	4	1.962	220	247	97	70	80	

53 90 18

Reducer

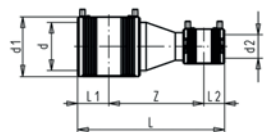
- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4 mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones



PF 2 51 314 007

d [mm]	d2 [mm]	Code	GP	kg	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	z [mm]	
200	160	753 901 837	1	5.098	250	365	104	90	171	
225	160	753 901 838	1	6.000	280	385	112	90	183	
250	160	753 901 840	2	7.860	310	400	123	90	187	
250	200	753 901 841	2	8.480	310	427	123	104	200	

93 28 09



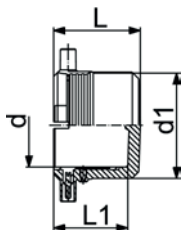
PF 2 51 314 001

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	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	63	193 280 950	1.389	138	326	73	48	205
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	90	193 280 954	3.060	196	370	90	63	217
160	125	193 280 952	3.252	196	414	90	79	245
180	110	193 280 959	4.167	214	413	95	73	245

53 96 16



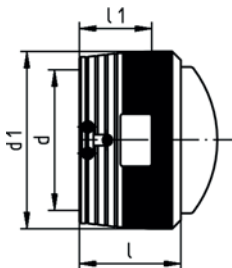
PF 2 51 314 001

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	GP	kg	d1 [mm]	L [mm]	L1 [mm]
20	753 961 606	50	0.041	35	52	44
25	753 961 607	50	0.046	35	52	44
32	753 961 608	50	0.058	44	52	44
40	753 961 609	50	0.064	54	56	47
50	753 961 610	10	0.154	66	60	49
63	753 961 611	10	0.142	81	66	54

53 96 16



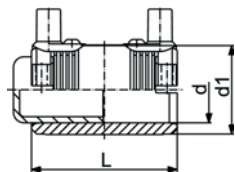
PF 2 51 314 001

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	GP	kg	d1 [mm]	L [mm]	L1 [mm]
160	753 961 617	2	1.782	200	143	90
200	753 961 619	2	3.585	250	162	104
225	753 961 620	4	4.500	280	170	112
250	753 961 621	1	6.300	310	185	123

53 96 17



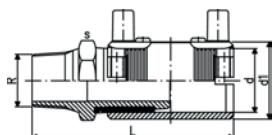
PF 2 51 314 001

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	GP	kg	d1 [mm]	L [mm]
75	753 961 712	6	0.446	96	110
90	753 961 713	5	0.663	113	125
110	753 961 714	3	1.090	133	145
125	753 961 715	3	1.345	155	158
140	753 961 716	1	2.250	175	170
160	753 961 717	1	2.382	197	180
180	753 961 718	1	3.098	220	194
200	753 961 719	1	4.180	245	208
225	753 961 720	1	5.852	296	224

20 92 07



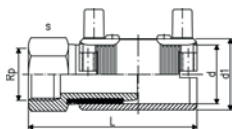
PF 2 51 314 002

Transition coupler 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	GP	kg	d1 [mm]	L [mm]	s [mm]
20	½	720 920 756	6	0.187	31	110	30
20	1	720 920 754	6	0.344	44	124	40
25	¾	720 920 757	6	0.254	36	111	35
25	1	720 920 763	6	0.340	44	124	40
32	½	720 920 764	6	0.213	44	121	30
32	¾	720 920 765	6	0.268	44	122	35
32	1	720 920 758	6	0.340	44	117	40
32	1 ¼	720 920 766	6	0.489	54	135	50
32	1 ½	720 920 767	6	0.635	60	143	60
32	2	720 920 768	3	1.000	81	157	70
40	1	720 920 771	6	0.364	54	133	40
40	1 ¼	720 920 759	6	0.514	54	127	50
40	1 ½	720 920 772	6	0.645	66	143	60
40	2	720 920 773	3	0.961	81	157	70
50	1	720 920 776	6	0.367	66	141	40
50	1 ¼	720 920 777	3	0.554	66	143	50
50	1 ½	720 920 760	6	0.652	66	135	60
50	2	720 920 778	3	0.971	81	157	70
63	1	720 920 781	3	0.441	81	151	40
63	1 ¼	720 920 782	3	0.600	81	153	40
63	1 ½	720 920 783	3	0.712	81	153	60
63	2	720 920 761	4	0.943	81	147	70

20 92 02



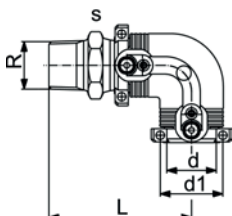
PF 2 51 314 002

Transition coupler 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	GP	kg	d1 [mm]	L [mm]	s [mm]	
32	1	720 920 258	6	0.306	44	108	40	
40	1 ¼	720 920 259	6	0.496	54	118	50	
50	1 ½	720 920 260	6	0.725	66	126	60	
63	1	720 920 281	3	1.300	81	138	70	
63	1 ¼	720 920 282	3	1.230	81	138	70	
63	1 ½	720 920 283	3	1.134	81	138	70	
63	2	720 920 261	3	1.057	81	138	70	

20 10 07



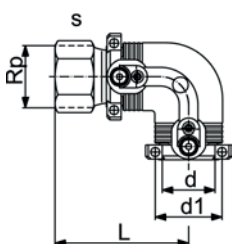
PF 2 51 314 002

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	GP	kg	d1 [mm]	L [mm]	s [mm]	
20	½	720 100 756	6	0.240	31	96	30	
25	¾	720 100 757	6	0.260	36	97	35	
32	1	720 100 758	6	0.368	44	98	40	
32	1 ¼	720 100 766	6	0.500	44	100	50	
32	1 ½	720 100 767	6	0.562	44	100	60	
40	1	720 100 771	6	0.511	54	107	50	
40	1 ¼	720 100 759	6	0.534	54	109	50	
40	1 ½	720 100 772	6	0.615	54	109	60	
50	1	720 100 776	6	0.677	66	116	60	
50	1 ¼	720 100 777	6	0.771	66	118	60	
50	1 ½	720 100 760	6	0.734	66	118	60	
63	1 ¼	720 100 782	3	1.040	81	128	70	
63	1 ½	720 100 783	3	1.039	81	128	70	
63	2	720 100 761	3	1.108	81	132	70	

20 10 02



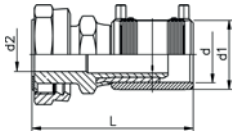
PF 2 51 314 002

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	GP	kg	d1 [mm]	L [mm]	s [mm]	
32	1	720 100 258	6	0.359	44	89	40	
40	1 ¼	720 100 259	6	0.525	54	100	50	
50	1 ½	720 100 260	6	0.825	66	109	60	
63	1	720 100 281	3	1.420	81	123	70	
63	1 ¼	720 100 282	3	1.391	81	123	70	
63	1 ½	720 100 283	3	1.305	81	123	70	
63	2	720 100 261	3	1.165	81	123	70	

20 91 00



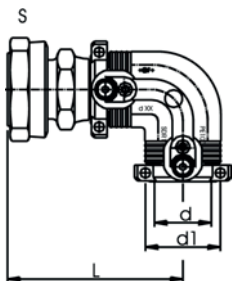
Transition coupler PE/brass (Ms 58) With loose nut

- 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	GP	kg	d1 [mm]	d2 [mm]	L [mm]
25	¾	720 910 007	8	0.232	36	15	104
25	1	720 910 017	8	0.315	36	16	106
32	1	720 910 008	6	0.297	44	20	110
32	1 ¼	720 910 018	6	0.460	44	22	114
32	1 ½	720 910 028	6	0.480	44	22	114
40	1	720 910 009	6	0.465	54	21	119
40	1 ¼	720 910 019	6	0.520	54	25	123
40	1 ½	720 910 029	6	0.577	54	28	123
50	1	720 910 020	6	0.635	66	20	128
50	1 ¼	720 910 030	6	0.730	66	25	133
50	1 ½	720 910 010	6	0.736	66	29	133
50	2	720 910 040	3	0.929	66	36	137
63	1	720 910 021	3	1.013	81	20	137
63	1 ¼	720 910 031	3	1.060	81	25	141
63	1 ½	720 910 041	3	1.070	81	29	141
63	2	720 910 011	3	1.251	81	36	145

PF 2 51 314 003

20 10 00



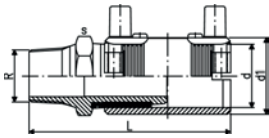
Transition elbow 90° PE/brass (Ms 58) With loose nut

- 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	GP	kg	d1 [mm]	L [mm]
25	¾	720 100 007	8	0.240	36	90
25	1	720 100 017	8	0.310	36	92
32	1	720 100 008	6	0.347	44	91
32	1 ¼	720 100 018	6	0.490	44	95
40	1	720 100 009	6	0.505	54	101
40	1 ¼	720 100 019	6	0.565	54	105
40	1 ½	720 100 029	6	0.635	54	105
50	1	720 100 020	6	0.760	66	111
50	1 ½	720 100 010	6	0.850	66	116
50	2	720 100 040	3	1.060	66	120
63	1	720 100 021	3	1.114	81	121
63	1 ½	720 100 041	6	1.210	81	125
63	2	720 100 011	3	1.375	81	129

PF 2 51 314 003

24 92 07



Transition coupler PE/steel (stainless 1.4305)

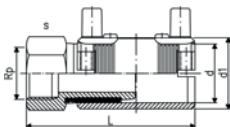
Male thread

- 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	GP	kg	d1 [mm]	L [mm]	s [mm]	
20	½	724 920 756	6	0.165	31	110	30	
25	¾	724 920 757	6	0.249	36	111	35	
32	1	724 920 758	6	0.332	44	117	40	
40	1 ¼	724 920 759	6	0.464	54	127	50	
40	1 ½	724 920 772	6	0.528	66	143	60	
50	1 ½	724 920 760	6	0.611	66	135	60	
63	1 ½	724 920 771	3	0.904	81	147	70	
63	2	724 920 761	3	0.942	81	147	70	

PF 2 51 314 004

24 92 02



Transition coupler PE/steel (stainless 1.4305)

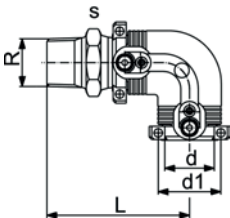
Female thread

- 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	GP	kg	d1 [mm]	L [mm]	s [mm]	
20	½	724 920 256	6	0.179	31	100	30	
25	¾	724 920 257	6	0.231	36	101	35	
32	1	724 920 258	6	0.319	44	108	40	
40	1 ¼	724 920 259	6	0.480	54	118	50	
50	1 ½	724 920 260	6	0.646	66	126	60	
63	2	724 920 261	3	0.931	81	138	70	

PF 2 51 314 004

24 10 07



Transition elbow 90° PE/steel (stainless 1.4305)

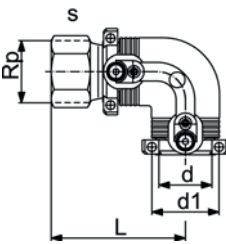
Male thread

- 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	GP	kg	d1 [mm]	L [mm]	s [mm]	
20	½	724 100 756	6	0.211	31	96	30	
25	¾	724 100 757	6	0.230	36	97	35	
32	1	724 100 758	6	0.324	44	98	40	
40	1 ¼	724 100 759	6	0.560	54	109	50	
40	1 ½	724 100 772	6	0.599	54	109	60	
50	1 ½	724 100 760	6	0.701	66	118	60	
63	1 ½	724 100 771	3	0.986	81	132	70	
63	2	724 100 761	3	1.105	81	132	70	

PF 2 51 314 004

24 10 02



PF 2 51 314 004

**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	GP	kg	d1 [mm]	L [mm]	s [mm]	
20	½	724 100 256	6	0.211	31	86	30	
25	¾	724 100 257	6	0.237	36	87	35	
32	1	724 100 258	6	0.320	44	89	40	
40	1 ¼	724 100 259	6	0.545	54	100	50	
50	1 ½	724 100 260	6	0.805	66	109	60	
63	2	724 100 261	3	1.020	81	123	70	

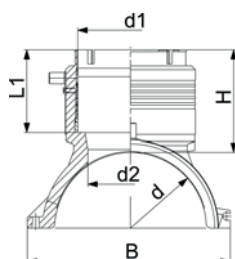


ELGEF® Plus
Electrofusion System

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

ELGEF Plus branch saddle

51 336 001

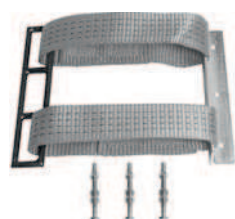


Branch saddle outlet 90 - 125 mm

- 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	GP	kg	H [mm]	L [mm]	L1 [mm]	B [mm]	d2 [mm]
110	90	193 135 009	4	1.124	101	220	82	164	65
110	110	193 135 010	4	1.224	107	220	88	164	65
125	90	193 135 019	4	1.134	101	220	82	179	65
125	110	193 135 020	4	1.290	107	220	88	179	65
* 140	90	193 135 029	4	0.982	101	220	81	195	65
* 140	110	193 135 030	4	1.087	107	220	87	195	65
160	90	193 135 039	4	1.449	102	240	82	215	65
160	110	193 135 040	4	1.582	108	240	88	215	86
160	125	193 135 041	4	1.782	129	240	99	215	86
180	90	193 135 049	1	1.672	102	260	82	237	65
180	110	193 135 050	1	1.765	108	260	88	237	86
180	125	193 135 051	1	2.015	129	260	99	237	86
200	90	193 135 059	1	1.803	102	260	82	253	65
200	110	193 135 060	1	1.963	108	260	88	253	86
200	125	193 135 061	1	2.128	129	260	99	253	86
225	90	193 135 069	1	2.006	102	260	82	287	65
225	110	193 135 070	1	2.040	108	260	88	287	86
225	125	193 135 071	1	2.312	129	260	99	287	86
250	90	193 135 079	1	2.145	102	260	82	312	65
250	110	193 135 080	2	2.258	108	260	88	312	86
250	125	193 135 081	1	2.500	129	260	99	312	86

PF 2 51 336 001



Multiple use Assembly Tool Branch fitting d140mm

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

d [mm]	Code	kg
140	193 281 027	0.724

PF 2 51 336 001



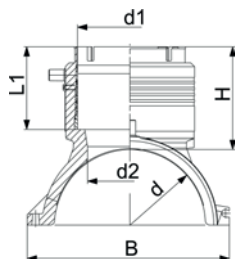
Cross Connection Branch Fitting

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

d [mm]	d [mm]	d1 [mm]	Code	kg
110		160	193 280 880	0.268
180		250	193 280 881	0.282

PF 2 51 336 001

51 336 001



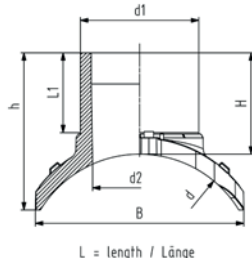
Branch saddle topload outlet 90 - 125 mm

- 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	GP	kg	H [mm]	L [mm]	L1 [mm]	B [mm]	d2 [mm]	
280	90	193 135 289	5	1.242	102	260	82	243	65	
280	110	193 135 290	4	1.295	108	260	88	243	86	
280	125	193 135 291	4	1.530	129	260	99	243	86	
315 - 355	90	193 135 309	5	1.214	102	260	82	249	65	
315 - 355	110	193 135 310	4	1.297	108	260	88	249	86	
315 - 355	125	193 135 311	4	1.530	129	260	99	249	86	
400 - 450	90	193 135 329	5	1.039	102	260	82	256	65	
400 - 450	110	193 135 330	4	1.116	108	260	88	256	86	
400 - 450	125	193 135 331	4	1.369	129	260	99	256	86	
500 - 630	90	193 135 159	5	1.086	102	260	82	263	65	
500 - 630	110	193 135 160	5	1.159	108	260	88	263	86	
500 - 630	125	193 135 161	4	1.388	129	260	99	263	86	

PF 2 51 336 001

51 336 001



Branch saddle topload outlet 160 - 225 mm

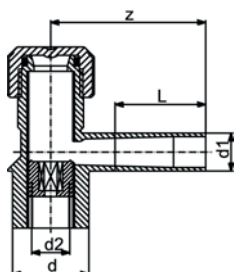
- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Branch Saddle installation only with installation set Topload TL225 (799.300.807); angle adaptors (799.350.340) for fusion cable required
- 4 mm pin connectors
- Limited path fusion indicators
- Protected wire without medium contact
- Spigot outlet for butt- and electrofusion
- Full pressure applicable - no derating factor

d [mm]	d1 [mm]	Code	GP	kg	h [mm]	H [mm]	L [mm]	L1 [mm]	B [mm]	d2 [mm]	
315	160	193 135 402	1	2.662	212	137	322	110	282	131	
315	225	193 135 404	1	4.594	306	160	366	127	260	184	
355	160	193 135 412	1	2.662	206	137	322	110	282	131	
355	225	193 135 414	1	4.710	319	160	366	127	249	184	
400	160	193 135 422	1	2.678	198	137	322	110	300	131	
400	225	193 135 424	1	4.700	329	160	366	127	241	184	
450	160	193 135 432	1	2.678	194	137	322	110	300	131	
450	225	193 135 434	1	4.700	329	160	366	127	233	184	
500	160	193 135 442	1	2.708	186	137	322	110	310	131	
500	225	193 135 444	1	4.650	344	160	366	127	226	184	
560	160	193 135 452	1	2.708	183	137	322	110	310	131	
560	225	193 135 454	1	4.650	344	160	366	127	220	184	
630	160	193 135 462	1	2.500	177	137	322	110	312	131	
630	225	193 135 464	1	4.630	353	160	366	127	214	184	
710	160	193 135 472	1	2.500	172	137	322	110	312	131	
710	225	193 135 474	1	4.630	352	160	366	127	208	184	
800	160	193 135 482	1	2.500	168	137	322	110	312	131	
800	225	193 135 484	1	4.610	359	160	366	127	203	184	
900	225	193 135 494	1	4.610	359	160	366	127	199	184	
1000	225	193 135 504	1	4.610	359	160	366	127	195	184	

PF 2 51 336 002

ELGEF Plus modular system

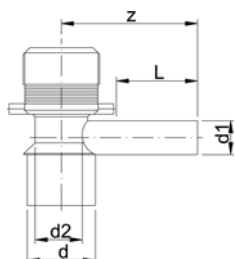
Tapping tee



PF 2 51 313 001

- **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 (53 131 000) d63-225mm, pipe SDR 11
- For ELGEF Plus Branch Saddle (53 131 000) d75-315mm, pipe SDR 17
- *For ELGEF Plus Branch Saddle (53 131 000) d250-315mm, pipe SDR 11 and d250-400mm, pipe SDR 17
- **For ELGEF Plus Branch Saddle (53 131 000) d110 - 225mm, pipe SDR11 and d110 - 315mm, pipe SDR17

d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	L [mm]	z [mm]	SW [mm]	
63	20	193 280 358	15	0.380	32	69	130	17	
63	25	193 280 359	15	0.375	32	70	130	17	
63	32	193 280 184	12	0.377	32	76	130	17	
63	40	193 280 360	12	0.396	32	81	137	17	
63	63	193 280 185	12	1.099	32	100	160	17	
* 63	63	193 280 711	12	1.120	35	100	160	17	
** 63	63	193 280 290	12	1.086	41	100	160	17	

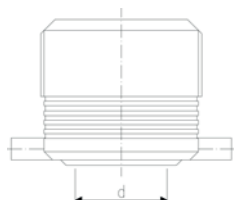


PF 2 51 313 001

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 (53 131 000) d63-225mm, pipe SDR 11
- For ELGEF Plus Branch Saddle (53 131 000) d75-315mm, pipe SDR 17
- Long fusion outlet

d [mm]	d1 [mm]	Code	GP	kg	D2 [mm]	d2 [mm]	L [mm]	z [mm]	SW [mm]	
63	32	193 280 300	20	0.441	32	32	76	130	17	
63	63	193 280 301	5	1.209	32	32	100	160	17	



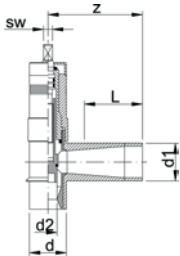
PF 2 51 313 001

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	GP	kg	
55	193 280 153	10	0.126	
68	193 280 154	10	0.200	

Tapping valve tee

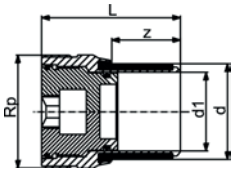


PF 2 51 313 004

- **PE 100 SDR 11 (ISO S5)**
- 10 bar Gas / 16 bar Water
- For ELGEF Plus Branch Saddle (53 131 000) d63-250, pipe SDR11
- For ELGEF Plus Branch Saddle (53 131 000) d75 - 315mm, pipe SDR 17 and d250 - 400mm, pipe SDR 26
- Spindle size (SW) 14
- Long fusion outlet

d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	L [mm]	z [mm]	
63	32	193 281 605	5	1.493	21	70	127	
63	63	193 281 606	5	2.361	31	100	160	

Stop-off adaptor with brass plug

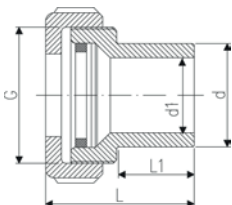


PF 2 51 313 001

- **PE 100 SDR 11 (ISO S5)**
- 10 bar Gas / 16 bar Water
- For ELGEF Plus Branch Saddle (53 131 000) d63 - 400mm, pipe SDR 11
- For main dimension d63 and d75mm we recommend a maximum cutting diameter of d = 39mm

d [mm]	Rp [inch]	Code	GP	kg	d1 [mm]	L [mm]	z [mm]	SW [mm]	
63	2 ½	193 280 274	6	1.462	50	93	46	19	
63	2 ½	193 280 294	6	1.375	56	93	46	19	

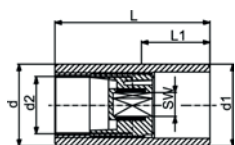
Stop-off adaptor PE



PF 2 51 313 001

- **PE 100 SDR 11 (ISO S5)**
- 10 bar Gas / 16 bar Water
- For ELGEF Plus Branch Saddle (53 131 000) 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	GP	kg	d1 [mm]	L [mm]	z [mm]	
63	2 ¼	193 280 279	10	0.254	51	87	45	



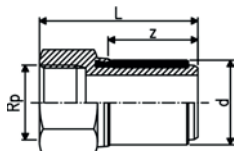
PF 2 51 313 001

Spigot with cutter

- **PE 100 SDR 11** (ISO S5)
- 10 bar Gas / 16 bar Water
- For ELGEF Plus Branch Saddle (53 131 000) d63-225mm, pipe SDR 11
- For ELGEF Plus Branch Saddle (53 131 000) d75 - 315mm, pipe SDR 17 and d250 - 400mm, pipe SDR 26

d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	L [mm]	L1 [mm]	SW [mm]	
63	32	193 280 272	20	0.144	19	113	50	13	
63	63	193 280 273	12	0.692	32	120	50	17	

20 92 02



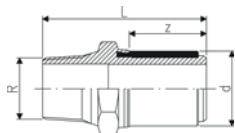
PF 2 51 314 002

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	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	

20 92 07



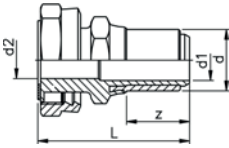
PF 2 51 314 002

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	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	
40	1	720 920 719	0.358	84	39	
40	1 ¼	720 920 709	0.410	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	

20 92 00



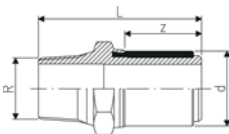
Transition adaptor PE/brass Loose nut (Ms 58)

- 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	kg	d2 [mm]	L [mm]	z [mm]
25	¾	720 920 007	0.152	15	68	32
25	1	720 920 017	0.223	16	70	32
32	1	720 920 008	0.235	20	72	34
32	1 ¼	720 920 018	0.356	22	76	34
32	1 ½	720 920 028	0.355	22	76	34
40	1	720 920 009	0.341	21	77	38
40	1 ¼	720 920 019	0.401	25	81	38
40	1 ½	720 920 029	0.471	28	81	38
50	1	720 920 020	0.517	20	82	42
50	1 ¼	720 920 030	0.549	25	87	42
50	1 ½	720 920 010	0.584	29	87	42
50	2	720 920 040	0.808	36	91	42
63	1	720 920 021	0.804	20	87	46
63	1 ¼	720 920 031	0.850	25	91	46
63	1 ½	720 920 041	0.847	29	91	46
63	2	720 920 011	1.018	36	95	46

PF 2 51 314 003

24 92 07



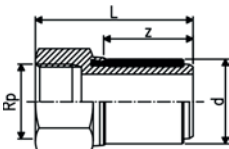
Transition adaptor PE/steel (stainless 1.4305) Male thread

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

d [mm]	R [inch]	Code	kg	L [mm]	z [mm]
20	½	724 920 706	0.120	75	33
25	¾	724 920 707	0.179	76	33
32	1	724 920 708	0.244	80	35
40	1 ¼	724 920 709	0.390	86	39
40	1 ½	724 920 719	0.446	86	39
50	1 ½	724 920 710	0.478	90	43
63	1 ½	724 920 721	0.653	98	47
63	2	724 920 711	0.722	98	47

PF 2 51 314 004

24 92 02



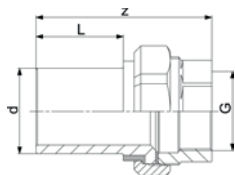
Transition adaptor PE/steel (stainless 1.4305) Female thread

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

d [mm]	Rp [inch]	Code	kg	L [mm]	z [mm]
20	½	724 920 206	0.128	65	33
25	¾	724 920 207	0.181	66	33
32	1	724 920 208	0.237	71	35
40	1 ¼	724 920 209	0.373	77	39
50	1 ½	724 920 210	0.527	81	43
63	2	724 920 211	0.733	89	47

PF 2 51 314 004

Union adaptor

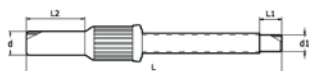


PF 2 90 703 001

- With female thread and PE-union end
- The Code Nr. includes the entire union (galvanised)
- **PE 100 SDR 11 (ISO S5)**

d [mm]	Rp [inch]	Code	GP	kg	L [mm]	L2 [mm]	SW1 [mm]	G [inch]	
20	1/2	701 485 560	30	0.152	94	52	27	1	
25	3/4	701 485 561	25	0.252	100	52	32	1 1/4	
32	1	701 485 562	20	0.333	108	54	34	1 1/2	
40	1 1/4	701 485 563	12	0.563	114	57	43	2	
50	1 1/2	701 485 564	15	0.765	124	65	50	2 1/4	
63	2	701 485 565	16	1.054	134	65	61	2 3/4	

Transition fittings PE/steel

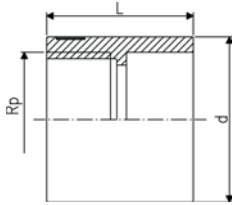


- **PE 100 SDR 11 (ISO S5)**
- 6 bar Gas / 16 bar Water
- Electrofusion weldable
- Steel pipe acc. to EN 10208-1, PE coated for corrosion resistance
- * Steel pipe without plastic shroud

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

PF 1 27 142 415

73 28 19



PF 2 51 313 001

PE adaptor Female thread

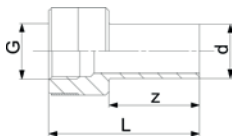
- PE 80 SDR 11 (ISO S5)
- 5 bar Gas / 12,5 bar Water
- Connection to plastic or metal
- Reinforcing ring stainless (A2)
- For ELGEF Plus Branch Saddle (53 131 000) d63 - 400mm, pipe SDR 11, d75 - 400mm, pipe SDR 17
- Parallel female thread
- *PE 100 SDR 11 (ISO S5)

d [mm]	Rp [inch]	Code	GP	kg	L [mm]	
63	1 ½	173 281 925	30	0.088	54	

Instrument installation spigots PE80 thread G

Model:

- For the connection of measuring instruments only
- Usable with all types of electrofusion couplers

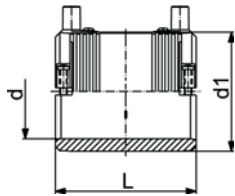


PF 2 90 703 001

d [mm]	G [inch]	Code	GP	kg	L [mm]	z [mm]	
20	½	701 473 809	-	0.050	90	52	
25	½	701 473 803	-	0.050	90	52	
25	¾	701 473 810	1	0.052	90	52	
32	½	701 473 804	-	0.060	90	52	
32	1	701 473 811	-	0.060	90	54	
40	½	701 473 812	-	0.049	75	57	
40	1 ¼	701 473 806	1	0.081	100	57	
50	½	701 473 813	-	0.075	80	63	
50	1 ¼	701 473 805	1	0.094	80	63	
50	1 ½	701 473 807	-	0.100	105	63	
63	½	701 473 814	1	0.107	80	65	
63	2	701 473 808	-	0.110	110	65	

Excess Flow Valves

53 92 06



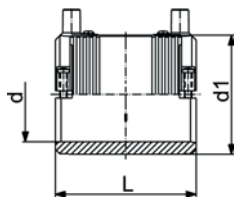
PF 2 51 314 009

Coupler with integrated excess flow valve type D With overflow orifice

- PE 100 SDR 11 (ISO S5)
- 1 bar Gas
- Pressure rating **25 mbar - 1 bar**. Excess Flow Valve system Mertik Maxitrol
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	z [mm]	
32	753 920 608	50	0.101	44	72	2	
40	753 920 609	50	0.160	54	80	2	
50	753 920 610	10	0.279	66	88	2	
63	753 920 611	10	0.382	81	96	2	

53 92 07



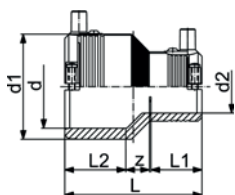
PF 2 51 314 009

Coupler with integrated excess flow valve type B With overflow orifice

- PE 100 SDR 11 (ISO S5)
- 5 bar Gas
- Pressure rating **100 mbar - 5 bar**. Excess Flow Valve system Mertik Maxitrol
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators

d [mm]	Code	GP	kg	d1 [mm]	L [mm]	z [mm]	
32	753 920 708	50	0.103	44	72	2	
40	753 920 709	50	0.163	54	80	2	
50	753 920 710	10	0.265	66	88	2	
63	753 920 711	10	0.375	81	96	2	

53 90 16



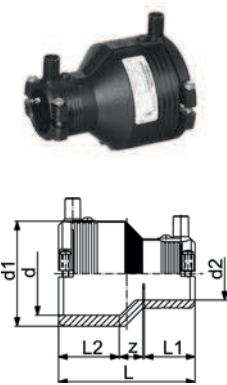
PF 2 51 314 009

Reducer with integrated excess flow valve type D With overflow orifice

- PE 100 SDR 11 (ISO S5)
- 1 bar Gas
- Pressure rating **25 mbar - 1 bar**. Excess Flow Valve system Mertik Maxitrol
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators

d [mm]	d2 [mm]	Code	GP	kg	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	z [mm]	
63	32	753 901 605	10	0.200	81	106	35	48	23	
63	40	753 901 606	10	0.249	81	106	39	48	19	
63	50	753 901 607	10	0.381	81	106	43	48	15	

53 90 16



PF 2 51 314 009

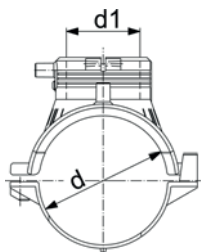
Reducer with integrated excess flow valve type B
With overflow orifice

- PE 100 SDR 11 (ISO S5)
- 5 bar Gas
- Pressure rating **100 mbar - 5 bar**. Excess Flow Valve system Mertik Maxitrol
- With integral pipe fixation
- 4 mm pin connectors
- Limited path fusion indicators

d [mm]	d2 [mm]	Code	GP	kg	d1 [mm]	L [mm]	L1 [mm]	L2 [mm]	z [mm]	
63	32	753 901 612	10	0.215	81	106	35	48	23	
63	40	753 901 613	10	0.252	81	106	39	48	19	
63	50	753 901 614	10	0.393	81	106	43	48	15	

ELGEF Plus saddles and valves

53 131 000



L = length / Länge

Electrofusion saddle

- 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

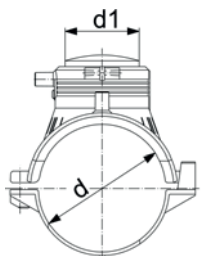
*not suitable for all tapping-tees, tapping-valves and spigots with cutter of the modular systems

** = not suitable for all tapping-tees, tapping-valves and spigots with cutter of the modular systems / delivery without lower part for assembling as Top load with tool 799.350.475

d [mm]	d1 [mm]	Code	GP	kg	L [mm]
63	63	193 131 037	5	0.325	165
75	63	193 131 047	5	0.455	165
90	63	193 131 057	5	0.412	165
110	63	193 131 067	3	0.458	165
*** 110	63	193 133 067	10	0.422	182
125	63	193 131 077	3	0.502	165
140	63	193 131 087	3	0.523	165
160	63	193 131 097	4	0.493	165
*** 160	63	193 133 097	7	0.543	182
180	63	193 131 107	5	0.600	165
200	63	193 131 117	5	0.634	165
225	63	193 131 127	4	0.618	165
* 250	63	193 131 137	4	0.627	165
** 280	63	193 131 147	8	0.359	165
** 315 - 355	63	193 131 157	8	0.373	165
** 400	63	193 131 177	8	0.356	165

PF 2 51 313 001

53 130 000



L = length / Länge

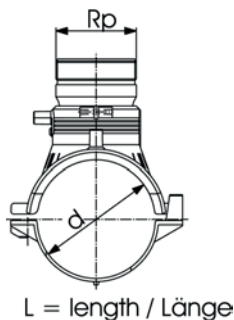
Repair saddle

- 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; angle adaptor (799.350.340) for fusion cable required

d [mm]	d1 [mm]	Code	GP	kg	L [mm]
63	63	193 130 037	5	0.417	165
75	63	193 130 047	3	0.574	165
90	63	193 130 057	5	0.513	165
110	63	193 130 067	3	0.565	165
125	63	193 130 077	3	0.622	165
140	63	193 130 087	3	0.660	165
160	63	193 130 097	3	0.589	165
180	63	193 130 107	5	0.733	165
200	63	193 130 117	5	0.731	165
225	63	193 130 127	5	0.708	165
250	63	193 130 137	3	0.640	165
** 280	63	193 130 147	6	0.450	165
** 315 - 355	63	193 130 157	6	0.443	165
** 400	63	193 130 177	6	0.450	165

PF 2 51 313 001

53 149 000



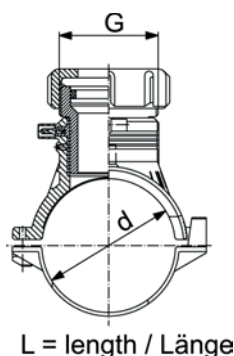
PF 2 51 313 001

Stop-off saddle (kit) Maximum passage 56 mm

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Complete with lower part
- Stop-Off insert (brass 58) 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. 799.350.477; 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	GP	kg	L [mm]
63	2 ½	193 149 437	3	1.770	165
75	2 ½	193 149 447	3	1.900	165
90	2 ½	193 149 457	3	1.775	165
110	2 ½	193 149 467	3	1.788	165
125	2 ½	193 149 477	3	1.923	165
140	2 ½	193 149 487	3	1.945	165
160	2 ½	193 149 497	5	1.861	165
180	2 ½	193 149 507	5	2.017	165
200	2 ½	193 149 517	5	2.092	165
225	2 ½	193 149 527	5	2.031	165
250	2 ½	193 149 537	5	2.058	165
** 280	2 ½	193 149 547	5	1.550	165
** 315 - 355	2 ½	193 149 557	5	1.770	165
** 400	2 ½	193 149 577	5	1.550	165

53 149 200



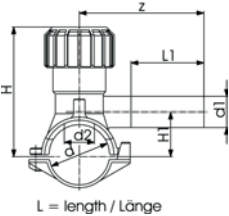
PF 2 51 313 001

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 (for use with by-pass unit 799150376)
- 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	GP	kg	L [mm]
63	2 ¾	193 149 237	5	0.606	165
75	2 ¾	193 149 247	5	0.765	165
90	2 ¾	193 149 257	5	0.696	165
110	2 ¾	193 149 267	5	0.732	165
125	2 ¾	193 149 277	5	0.785	165
140	2 ¾	193 149 287	3	0.820	165
160	2 ¾	193 149 297	5	0.772	165
180	2 ¾	193 149 307	5	0.920	165
200	2 ¾	193 149 317	5	0.913	165
225	2 ¾	193 149 327	5	0.910	165
250	2 ¾	193 149 337	5	0.936	165
** 280	2 ¾	193 149 347	6	0.920	165
** 315 - 355	2 ¾	193 149 357	5	0.660	165
** 400	2 ¾	193 149 377	5	0.920	165

53 131 400

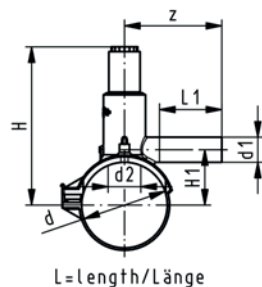


PF 2 51 313 005

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

d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	
40	20	193 131 412	6	0.225	16	99	33	103	70	102	
40	25	193 131 413	6	0.226	16	99	33	103	70	102	
40	32	193 131 414	6	0.225	16	99	33	103	70	120	
50	20	193 131 422	5	0.214	16	104	38	103	70	102	
50	25	193 131 423	5	0.212	16	104	38	103	70	102	
50	32	193 131 424	5	0.228	16	104	38	103	70	120	



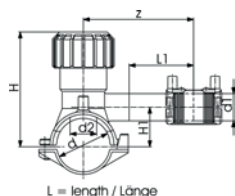
Tapping saddle Monobloc version

- 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

d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	
63	20	193 131 932	20	0.368	25	146	44	144	76	110	
63	25	193 131 933	20	0.393	25	146	44	144	76	110	
63	32	193 131 934	20	0.376	25	146	44	144	76	110	
90	20	193 131 952	12	0.494	32	198	61	162	76	115	
90	25	193 131 953	12	0.503	32	198	61	162	76	115	
90	32	193 131 954	12	0.505	32	198	61	162	76	115	
90	63	193 131 957	10	0.667	32	198	61	162	76	115	
110	20	193 131 962	9	0.560	32	208	71	162	76	115	
110	25	193 131 963	9	0.570	32	208	71	162	76	115	
110	32	193 131 964	9	0.574	32	208	71	162	76	125	
110	63	193 131 967	8	0.684	32	208	71	162	100	160	
125	20	193 131 972	6	0.562	32	216	79	162	76	120	
125	25	193 131 973	6	0.552	32	216	79	162	76	120	
125	32	193 131 974	6	0.574	32	216	79	162	76	120	
125	63	193 131 977	6	0.704	32	216	79	162	76	120	
160	20	193 131 992	6	0.673	32	233	96	162	76	120	
160	25	193 131 993	6	0.641	32	233	96	162	76	125	
160	32	193 131 994	6	0.648	32	233	96	162	76	130	
160	63	193 131 997	6	0.794	32	233	96	162	100	170	

PF 2 51 313 005

53 132 400



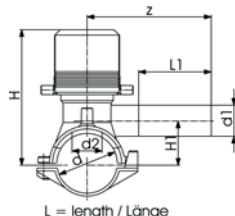
Tapping saddle (kit) Monobloc version

- 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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	
40	20	193 132 412	6	0.278	16	99	33	103	70	102	
40	25	193 132 413	6	0.289	16	99	33	103	70	102	
40	32	193 132 414	5	0.284	16	99	33	103	70	120	
50	20	193 132 422	5	0.325	16	105	38	103	70	102	
50	25	193 132 423	5	0.273	16	105	38	103	70	102	
50	32	193 132 424	5	0.304	16	105	38	103	70	120	
63	40	193 132 435	15	0.461	25	134	44	126	70	130	

PF 2 51 313 005

53 131 600



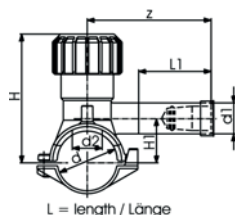
PF 2 51 313 005

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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	
63	20	193 131 632	6	0.479	25	134	44	126	71	130	
63	25	193 131 633	6	0.483	25	134	44	126	71	130	
63	32	193 131 634	4	0.483	25	134	44	126	76	130	

53 130 600



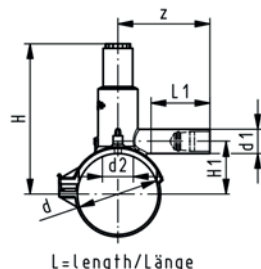
PF 2 51 313 006

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
- 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
- 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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]	
40	20	193 281 113	6	0.214	16	99	33	103	70	102	25	
40	32	193 281 152	6	0.237	16	99	33	103	70	120	100	

53 130 600



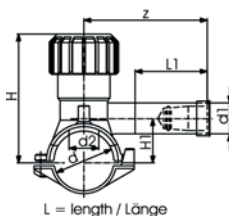
Tapping saddle with gas-stop type 1-5 bar Monobloc version

- **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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]
63	20	193 130 432	20	0.368	25	146	44	144	76	110	25
63	32	193 130 434	20	0.412	25	146	44	144	76	110	100
90	20	193 130 452	12	0.524	32	198	61	162	76	115	25
90	32	193 130 454	12	0.520	32	198	61	162	76	115	100
110	20	193 130 462	9	0.552	32	208	71	162	76	115	25
110	32	193 130 464	9	0.620	32	208	71	162	76	125	100
125	20	193 130 472	6	0.664	32	216	79	162	76	120	25
125	32	193 130 474	6	0.628	32	216	79	162	76	120	100
160	20	193 130 492	6	0.672	32	233	96	162	76	120	25
160	32	193 130 494	6	0.786	32	233	96	162	76	130	100

PF 2 51 313 006

53 130 600



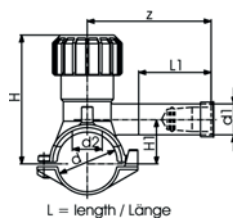
Tapping saddle with gas-stop type AD UE Monobloc version

- **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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]
40	32	193 130 614	6	0.290	16	99	33	103	76	120	10
50	32	193 130 624	6	0.283	16	104	38	103	76	120	10
63	32	193 130 634	6	0.446	25	134	44	126	76	130	10

PF 2 51 313 006

53 130 800



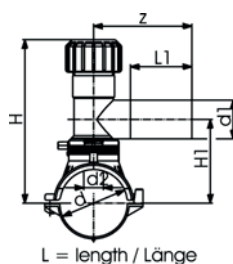
PF 2 51 313 006

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	GP	kg	D2 [mm]	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]
40	32	193 130 814	6	0.290	16	16	99	33	103	76	120	45
50	32	193 130 824	6	0.283	16	16	104	38	103	76	120	45
63	32	193 130 834	6	0.446	25	25	134	44	126	76	130	45

53 131 400

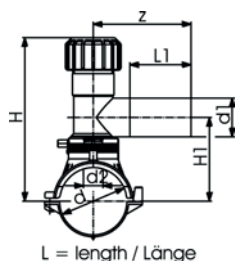


Tapping saddle With 360° rotatable outlet

- **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. 799.350.477; angle adaptor (799.350.340) for fusion cable required

d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]
63	20	193 131 402	3	0.697	32	186	108	165	71	130
63	25	193 131 403	3	0.637	32	186	108	165	71	130
63	32	193 131 404	3	0.701	32	186	108	165	76	130
63	40	193 131 405	3	0.718	32	186	108	165	81	137
63	63	193 131 437	5	1.426	32	134	112	165	100	160
75	20	193 131 442	3	0.831	32	191	113	165	71	130
75	25	193 131 443	3	0.830	32	191	113	165	71	130
75	32	193 131 444	3	0.812	32	191	113	165	76	130
75	40	193 131 445	3	0.849	32	191	113	165	81	137
75	63	193 131 447	5	1.565	32	240	118	165	100	160
90	20	193 131 452	3	0.793	32	199	121	165	71	130
90	25	193 131 453	3	0.790	32	199	121	165	71	130
90	32	193 131 454	3	0.770	32	199	121	165	76	130
90	40	193 131 455	3	0.811	32	199	121	165	81	137
90	63	193 131 457	5	1.494	32	248	126	165	100	160
* 110	20	193 131 462	8	0.826	32	209	131	165	71	130
* 110	25	193 131 463	8	0.808	32	209	131	165	71	130
* 110	32	193 131 464	8	0.831	32	209	131	165	76	130
* 110	40	193 131 465	8	0.805	32	209	131	165	81	137
* 110	63	193 131 467	5	1.097	35	258	136	165	100	160
125	20	193 131 472	3	0.880	32	216	138	165	71	130
125	25	193 131 473	4	0.878	32	216	138	165	71	130
125	32	193 131 474	3	0.878	32	216	138	165	76	130
125	40	193 131 475	3	0.874	32	216	138	165	81	137
125	63	193 131 477	3	1.184	35	265	143	165	100	160
140	20	193 131 482	3	0.887	32	233	146	165	71	130
140	25	193 131 483	3	0.874	32	233	146	165	71	130

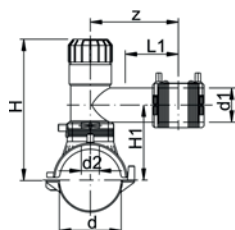
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d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	
140	32	193 131 484	3	0.894	32	233	146	165	76	130	
140	40	193 131 485	3	0.920	32	233	146	165	81	137	
140	63	193 131 487	3	1.180	35	273	151	165	100	160	
* 160	20	193 131 492	5	0.916	32	243	156	165	71	130	
* 160	25	193 131 493	5	0.912	32	243	156	165	71	130	
* 160	32	193 131 494	5	0.915	32	243	156	165	76	130	
* 160	40	193 131 495	5	0.936	32	243	156	165	81	137	
* 160	63	193 131 497	4	1.221	35	283	161	165	100	160	
180	20	193 131 502	3	0.994	32	244	166	165	71	130	
180	25	193 131 503	3	1.001	32	244	166	165	71	130	
180	32	193 131 504	5	0.957	32	244	166	165	76	130	
180	40	193 131 505	3	1.007	32	244	166	165	81	137	
180	63	193 131 507	3	1.587	35	293	171	165	100	160	
200	20	193 131 512	3	1.015	32	254	176	165	71	137	
200	25	193 131 513	5	1.015	32	254	176	165	71	130	
200	32	193 131 514	3	0.985	32	254	176	165	76	130	
200	40	193 131 515	3	1.024	32	254	176	165	81	137	
200	63	193 131 517	3	1.745	35	303	181	165	100	160	
225	20	193 131 522	3	1.016	32	266	188	165	71	130	
225	25	193 131 523	3	1.025	32	266	188	165	71	130	
225	32	193 131 524	3	1.019	32	266	188	165	76	130	
225	40	193 131 525	5	1.029	32	266	188	165	81	137	
225	63	193 131 527	3	1.738	35	315	193	165	100	160	
250	20	193 131 532	3	1.025	32	279	201	165	76	130	
250	25	193 131 533	3	1.026	32	279	201	165	76	130	
250	32	193 131 534	3	0.996	32	279	201	165	76	130	
250	40	193 131 535	3	1.008	32	279	201	165	81	137	
250	63	193 131 537	3	1.733	35	328	206	165	100	160	
** 280	63	193 131 547	5	1.478	35	328	206	165	100	160	
** 315-355	63	193 131 557	5	1.481	35	328	206	165	100	160	
** 400	63	193 131 577	5	1.473	35	328	206	165	100	160	

PF 2 51 313 001

53 132 400

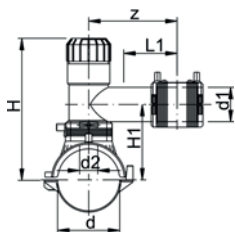


Tapping saddle (kit) With 360° rotatable outlet

- 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

d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	
63	20	193 132 402	3	0.754	32	186	108	165	76	130	
63	25	193 132 403	3	0.761	32	186	108	165	76	130	
63	32	193 132 404	3	0.773	32	186	108	165	76	130	
63	40	193 132 405	3	0.798	32	186	108	165	76	130	
63	50	193 132 436	5	1.619	32	234	112	165	100	160	
63	63	193 132 437	5	1.623	32	234	112	165	100	160	
75	20	193 132 442	3	0.879	32	191	113	165	76	130	
75	25	193 132 443	3	0.900	32	191	113	165	76	130	
75	32	193 132 444	3	0.917	32	191	113	165	76	130	
75	40	193 132 445	3	0.958	32	240	118	165	76	160	
75	50	193 132 446	5	1.748	32	240	118	165	100	160	
75	63	193 132 447	5	1.753	32	240	118	165	100	160	
90	20	193 132 452	3	0.856	32	199	121	165	76	130	
90	25	193 132 453	3	0.858	32	199	121	165	76	130	
90	32	193 132 454	3	0.857	32	199	121	165	76	130	

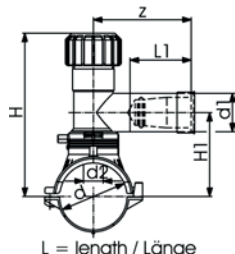
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d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	
90	40	193 132 455	3	0.780	32	199	126	165	76	130	
90	50	193 132 456	5	1.711	32	248	126	165	100	160	
90	63	193 132 457	5	1.707	32	248	126	165	100	160	
110	20	193 132 462	3	0.907	32	209	131	165	76	130	
110	25	193 132 463	3	0.905	32	209	131	165	76	130	
110	32	193 132 464	3	0.875	32	209	131	165	76	130	
110	40	193 132 465	3	0.961	32	209	136	165	76	130	
110	50	193 132 466	3	1.133	35	258	136	165	100	160	
110	63	193 132 467	3	1.330	35	258	136	165	100	160	
125	20	193 132 472	3	0.938	32	216	138	165	76	130	
125	25	193 132 473	3	0.943	32	216	138	165	76	130	
125	32	193 132 474	3	0.955	32	216	138	165	76	130	
125	40	193 132 475	3	0.964	32	216	143	165	76	130	
125	50	193 132 476	3	1.374	35	256	143	165	100	160	
125	63	193 132 477	3	1.161	35	256	143	165	100	160	
140	20	193 132 482	3	0.941	32	234	146	165	76	130	
140	25	193 132 483	3	0.944	32	234	146	165	76	130	
140	32	193 132 484	3	0.972	32	234	146	165	76	130	
140	40	193 132 485	3	1.020	32	234	146	165	76	130	
140	50	193 132 486	3	1.835	35	283	151	165	100	160	
140	63	193 132 487	3	1.833	35	283	151	165	100	160	
160	20	193 132 492	3	0.910	32	234	156	165	76	130	
160	25	193 132 493	3	0.933	32	234	156	165	76	130	
160	32	193 132 494	3	0.954	32	234	156	165	76	130	
160	40	193 132 495	3	0.965	32	234	161	165	76	130	
160	50	193 132 496	3	1.375	35	283	161	165	100	160	
160	63	193 132 497	3	1.378	35	283	161	165	100	160	
180	20	193 132 502	3	1.020	32	244	166	165	71	130	
180	25	193 132 503	3	1.057	32	244	166	165	71	130	
180	32	193 132 504	3	1.045	32	244	166	165	76	130	
180	40	193 132 505	3	1.122	32	244	171	165	76	130	
180	50	193 132 506	3	1.938	35	293	171	165	100	160	
180	63	193 132 507	3	1.918	35	293	171	165	100	160	
200	20	193 132 512	3	1.065	32	254	176	165	76	130	
200	25	193 132 513	3	1.065	32	254	176	165	71	130	
200	32	193 132 514	3	1.095	32	254	176	165	76	130	
200	40	193 132 515	3	1.131	32	254	181	165	76	130	
200	50	193 132 516	3	1.957	35	303	181	165	100	160	
200	63	193 132 517	3	1.900	35	303	181	165	100	160	
225	20	193 132 522	3	1.460	32	266	188	165	71	130	
225	25	193 132 523	3	0.991	32	266	188	165	71	130	
225	32	193 132 524	3	1.095	32	266	188	165	76	130	
225	40	193 132 525	3	1.134	32	266	193	165	76	130	
225	50	193 132 526	3	1.921	35	315	193	165	100	160	
225	63	193 132 527	3	1.951	35	315	193	165	100	160	
250	20	193 132 532	5	1.079	32	279	201	165	76	130	
250	25	193 132 533	3	1.095	32	279	201	165	76	130	
250	32	193 132 534	3	1.092	32	279	201	165	76	130	
250	40	193 132 535	3	1.113	32	279	206	165	76	160	
250	50	193 132 536	3	1.971	35	328	206	165	100	160	
250	63	193 132 537	3	1.923	35	328	206	165	100	160	
** 280	32	193 132 544	3	1.455	35	328	206	165	100	160	
** 280	40	193 132 545	3	1.500	35	328	206	165	100	160	
** 280	50	193 132 546	5	1.500	35	328	206	165	100	160	
** 280	63	193 132 547	5	1.510	35	328	206	165	100	160	
** 315 - 355	32	193 132 554	5	1.648	35	328	206	165	100	160	
** 315 - 355	40	193 132 555	5	1.015	35	328	206	165	100	160	
** 315 - 355	50	193 132 556	5	1.440	35	328	206	165	100	160	
** 315 - 355	63	193 132 557	5	1.602	35	328	206	165	100	160	

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53 130 600



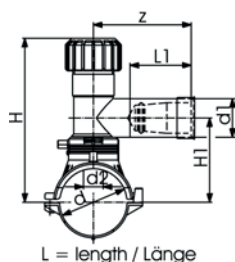
PF 2 51 313 003

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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]
63	63	193 281 159	5	1.548	32	134	112	165	100	160	280
90	20	193 281 435	3	0.728	25	199	121	165	71	130	25
90	32	193 281 154	3	0.728	25	199	121	165	76	130	100
90	63	193 281 160	5	1.642	32	248	126	165	100	160	280
110	20	193 281 437	3	0.875	25	209	131	165	71	130	25
110	32	193 281 155	3	0.873	25	209	131	165	76	130	100
110	63	193 281 161	3	1.691	35	258	136	165	100	160	280
125	20	193 281 438	3	0.895	25	216	138	165	71	130	25
125	32	193 281 156	3	0.869	25	216	138	165	76	130	100
125	63	193 281 162	3	1.724	35	265	143	165	100	160	280
160	20	193 281 439	3	0.909	25	243	156	165	71	130	25
160	32	193 281 157	3	0.909	25	243	156	165	76	130	100
160	63	193 281 163	3	1.737	35	283	161	165	100	160	280
225	20	193 281 122	3	1.011	25	266	188	165	71	130	25
225	32	193 281 158	3	1.011	25	266	188	165	76	130	100
225	63	193 281 164	3	1.864	35	315	193	165	100	160	280

53 130 600

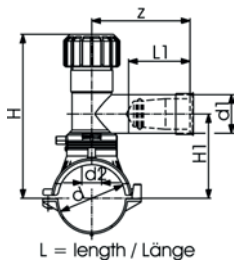


Tapping saddle with gas-stop type AD UE With 360° rotatable outlet

- **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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]
63	32	193 130 604	3	0.728	32	186	108	165	76	130	10
63	63	193 130 637	5	1.556	32	134	112	165	100	160	40
75	32	193 130 644	3	0.854	32	191	113	165	76	130	10
75	63	193 130 647	5	1.680	32	240	118	165	100	160	40
90	32	193 130 654	3	0.814	32	199	121	165	76	130	10
90	63	193 130 657	5	1.642	32	248	126	165	100	160	40
110	32	193 130 664	3	0.884	32	209	131	165	76	130	10
110	63	193 130 667	3	1.691	35	258	136	165	100	160	40
125	32	193 130 674	3	0.902	32	216	138	165	76	130	10
125	63	193 130 677	3	1.724	35	265	143	165	100	160	40
140	32	193 130 684	3	0.913	32	233	146	165	76	130	10
140	63	193 130 687	3	1.740	35	273	151	165	100	160	40
160	32	193 130 694	3	0.909	32	243	156	165	76	130	10
160	63	193 130 697	3	1.737	35	283	161	165	100	160	40
180	32	193 130 704	3	1.015	32	244	166	165	76	130	10

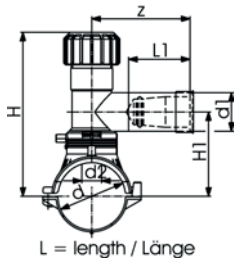
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PF 2 51 313 003

d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]	
180	63	193 130 707	3	1.843	35	293	171	165	100	160	40	
200	32	193 130 714	3	1.034	32	254	176	165	76	130	10	
200	63	193 130 717	3	1.862	35	303	181	165	100	160	40	
225	32	193 130 724	3	1.027	32	266	188	165	76	130	10	
225	63	193 130 727	3	1.864	35	315	193	165	100	160	40	
250	32	193 130 734	3	1.048	32	279	201	165	76	130	10	
250	63	193 130 737	3	1.876	35	328	206	165	100	160	40	

53 130 800



PF 2 51 313 003

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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	Vn max [m³/h]	
63	32	193 130 804	3	0.715	32	186	108	165	76	130	45	
63	63	193 130 837	5	1.540	32	134	112	165	100	160	180	
75	32	193 130 844	5	0.854	32	191	113	165	76	130	45	
75	63	193 130 847	5	1.680	32	240	118	165	100	160	180	
90	32	193 130 854	3	0.813	32	199	121	165	76	130	45	
90	63	193 130 857	5	1.642	32	248	126	165	100	160	180	
110	32	193 130 864	3	0.877	32	209	131	165	76	130	45	
110	63	193 130 867	3	1.691	35	258	136	165	100	160	180	
125	32	193 130 874	3	0.897	32	216	138	165	76	130	45	
125	63	193 130 877	3	1.709	35	265	143	165	100	160	180	
140	32	193 130 884	3	0.913	32	233	146	165	76	130	45	
140	63	193 130 887	3	1.740	35	273	151	165	100	160	180	
160	32	193 130 894	3	0.909	32	243	156	165	76	130	45	
160	63	193 130 897	3	1.737	35	283	161	165	100	160	180	
180	32	193 130 904	3	0.021	32	244	166	165	76	130	45	
180	63	193 130 907	3	1.843	35	293	171	165	100	160	180	
200	32	193 130 914	3	1.034	32	254	176	165	76	130	45	
200	63	193 130 917	3	1.862	35	303	181	165	100	160	180	
225	32	193 130 924	3	1.027	32	266	188	165	76	130	45	
225	63	193 130 927	3	1.828	35	315	193	165	100	160	180	
250	32	193 130 934	3	1.048	32	279	201	165	76	130	45	
250	63	193 130 937	3	1.876	35	328	206	165	100	160	180	

53 152 200



PF 2 51 313 004

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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	
63	32	193 155 234	5	1.811	21	202	97	165	70	127	
63	63	193 155 237	5	2.680	31	272	112	165	100	160	
75	32	193 155 244	5	1.943	21	208	103	165	70	127	
75	63	193 155 247	5	2.749	31	278	118	165	100	160	
90	32	193 155 254	5	1.894	21	216	111	165	70	127	
90	63	193 155 257	5	2.781	31	286	126	165	100	160	
* 110	32	193 155 264	7	1.896	21	226	121	165	70	127	
* 110	63	193 155 267	5	2.739	31	296	136	165	100	160	
125	32	193 155 274	3	1.986	21	233	128	165	70	127	
125	63	193 155 277	3	2.867	31	303	143	165	100	160	
140	32	193 155 284	3	2.009	21	241	136	165	70	127	
140	63	193 155 287	3	2.908	31	311	151	165	100	160	
* 160	32	193 155 294	5	2.029	21	251	146	165	70	127	
* 160	63	193 155 297	4	2.913	31	321	161	165	100	160	
180	32	193 155 304	3	2.111	21	261	156	165	70	127	
180	63	193 155 307	3	2.923	31	331	171	165	100	160	
200	32	193 155 314	3	2.127	21	271	166	165	70	127	
200	63	193 155 317	3	3.007	31	341	181	165	100	160	
225	32	193 155 324	3	2.091	21	281	178	165	70	127	
225	63	193 155 327	3	2.932	31	353	193	165	100	160	
250	63	193 155 337	3	2.978	31	366	206	165	100	160	

53 152 300



PF 2 51 313 004

Pressure tapping valve With 360° rotatable outlet

Model:

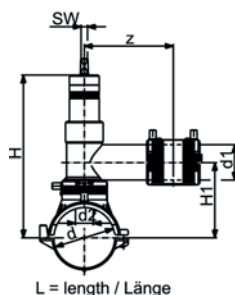
- 5 bar Gas / 10 bar Water
- PE 100 SDR 17 (ISO S8)
- With integrated drill bit to tap live mains under pressure
- **Suitable for pipes with wall thickness between 7 and 21 mm only.**
- Complete with lower part and premounted PE100 coated valve piece
- The valve is closed clockwise
- Number of turns 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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	L1 [mm]	z [mm]	
250	32	193 155 334	3	2.096	21	293	191	165	70	127	
** 280	32	193 155 344	3	1.835	21	293	191	165	70	127	
** 280	63	193 155 347	3	3.000	31	366	206	165	100	160	
** 315 - 355	32	193 155 354	3	3.000	21	293	191	165	70	127	
** 315 - 355	63	193 155 357	3	2.696	31	366	206	165	100	160	
** 400	32	193 155 374	3	3.000	21	293	191	165	70	127	
** 400	63	193 155 377	3	3.000	31	366	206	165	100	160	

Pressure tapping valve (kit) With 360° rotatable outlet

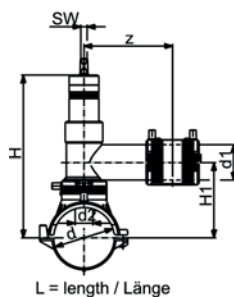
Model:

- 5 bar Gas / 10 bar Water
- **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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	z [mm]
63	32	193 155 034	5	1.864	21	202	97	165	127
63	40	193 155 035	5	2.862	31	272	112	165	160
63	50	193 155 036	5	2.879	31	272	112	165	160
63	63	193 155 037	5	2.887	31	272	112	165	160
75	32	193 155 044	3	3.243	21	208	103	165	127
75	40	193 155 045	3	3.249	31	278	118	165	160
75	50	193 155 046	5	3.261	31	278	118	165	160
75	63	193 155 047	1	3.259	31	278	118	165	160
90	32	193 155 054	5	1.962	21	216	111	165	127
90	40	193 155 055	5	2.957	31	286	126	165	160
90	50	193 155 056	5	2.970	31	286	126	165	160
90	63	193 155 057	5	2.924	31	286	126	165	160
110	32	193 155 064	3	2.030	21	226	121	165	127
110	40	193 155 065	3	2.984	31	296	136	165	160
110	50	193 155 066	3	2.696	31	296	136	165	160
110	63	193 155 067	3	3.010	31	296	136	165	160
125	32	193 155 074	3	2.039	21	233	128	165	127
125	40	193 155 075	3	3.007	31	303	143	165	160
125	50	193 155 076	3	3.023	31	303	143	165	160
125	63	193 155 077	3	3.058	31	303	143	165	160
140	32	193 155 084	1	3.301	21	241	136	165	127
140	40	193 155 085	3	3.040	31	311	151	165	160
140	50	193 155 086	3	3.315	31	311	151	165	160
140	63	193 155 087	1	3.313	31	311	151	165	160
160	32	193 155 094	3	2.057	21	251	146	165	127
160	40	193 155 095	3	2.980	31	321	161	165	160
160	50	193 155 096	3	3.022	31	321	161	165	160
160	63	193 155 097	3	3.025	31	321	161	165	160
180	32	193 155 104	3	3.410	21	261	156	165	127
180	40	193 155 105	3	3.126	31	331	171	165	160
180	50	193 155 106	3	3.181	31	331	171	165	160
180	63	193 155 107	3	3.164	31	331	171	165	160
200	32	193 155 114	3	3.431	21	271	166	165	127
200	40	193 155 115	1	3.435	31	341	181	165	160
200	50	193 155 116	3	3.453	31	341	181	165	160
200	63	193 155 117	1	3.215	31	341	181	165	160
225	32	193 155 124	3	2.195	21	281	178	165	127
225	40	193 155 125	3	3.178	31	353	193	165	160
225	50	193 155 126	3	3.120	31	353	193	165	160
225	63	193 155 127	3	3.196	31	353	193	165	160
250	40	193 155 135	3	3.449	30	366	206	165	160
250	50	193 155 136	3	3.124	30	366	206	165	160
250	63	193 155 137	1	3.221	30	366	206	165	160

53 152 100



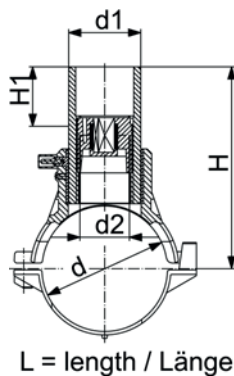
PF 2 51 313 004

Pressure tapping valve (kit) With 360° rotatable outlet

- **PE 100 SDR 17** (ISO S8)
- 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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	z [mm]	
250	32	193 155 134	3	3.443	21	293	191	165	127	
** 280	32	193 155 144	5	3.118	21	293	191	165	127	
** 280	40	193 155 145	5	2.913	30	366	206	165	160	
** 280	50	193 155 146	5	3.136	30	366	206	165	160	
** 280	63	193 155 147	5	2.719	30	366	206	165	160	
** 315 - 355	32	193 155 154	5	3.118	21	293	191	165	127	
** 315 - 355	40	193 155 155	5	3.124	30	366	206	165	160	
** 315 - 355	50	193 155 156	3	3.136	30	366	206	165	160	
** 315 - 355	63	193 155 157	5	3.134	30	366	206	165	160	

53 131 200

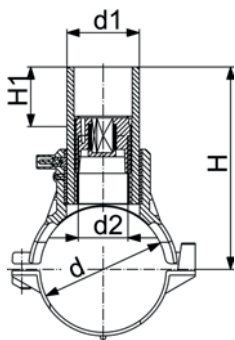


Spigot saddle with cutter

- **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	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	SW [mm]	
63	32	193 131 234	5	0.469	19	145	50	165	13	
63	63	193 131 237	5	1.036	32	152	50	165	17	
75	32	193 131 244	5	0.618	19	151	50	165	13	
75	63	193 131 247	5	1.166	32	158	50	165	17	
90	32	193 131 254	5	0.543	19	158	50	165	13	
90	63	193 131 257	5	1.128	32	165	50	165	17	
110	32	193 131 264	3	0.607	19	168	50	165	13	
110	63	193 131 267	3	1.195	32	175	50	165	17	
125	32	193 131 274	5	0.659	19	176	50	165	13	
125	63	193 131 277	5	1.224	32	183	50	165	17	
140	32	193 131 284	5	0.679	19	183	50	165	13	
140	63	193 131 287	3	1.224	32	190	50	165	17	
160	32	193 131 294	5	0.652	19	193	50	165	13	
160	63	193 131 297	5	1.186	32	200	50	165	17	
180	32	193 131 304	5	0.777	19	203	50	165	13	
180	63	193 131 307	5	1.316	32	210	50	165	17	
200	32	193 131 314	1	0.854	19	213	50	165	13	
200	63	193 131 317	1	1.352	32	220	50	165	17	
225	32	193 131 324	5	0.856	19	226	50	165	13	
225	63	193 131 327	5	1.324	32	233	50	165	17	
250	32	193 131 334	5	0.787	19	238	50	165	13	
250	63	193 131 337	5	1.348	32	245	50	165	17	

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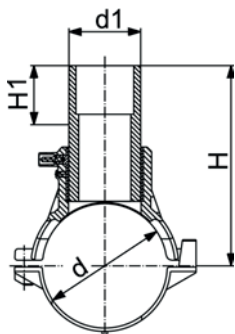


L = length / Länge

PF 2 51 313 001

d [mm]	d1 [mm]	Code	GP	kg	d2 [mm]	H [mm]	H1 [mm]	L [mm]	SW [mm]	
** 280	63	193 131 347	5	0.830	35	245	50	165	17	
** 315 - 355	63	193 131 357	5	1.094	35	245	50	165	17	
** 400	63	193 131 377	5	0.830	35	245	50	165	17	

53 130 200



L = length / Länge

PF 2 51 313 001

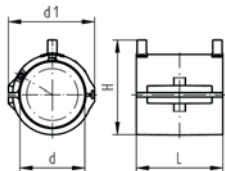
Spigot saddle

- **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	GP	kg	H [mm]	H1 [mm]	L [mm]	
63	32	193 130 234	5	0.434	145	50	165	
63	63	193 130 237	5	0.630	152	50	165	
75	32	193 130 244	5	0.634	151	50	165	
75	63	193 130 247	5	0.536	158	50	165	
90	32	193 130 254	5	0.508	158	50	165	
90	63	193 130 257	5	0.573	165	50	165	
110	32	193 130 264	3	0.590	168	50	165	
110	63	193 130 267	5	0.600	175	50	165	
125	32	193 130 274	5	0.594	176	50	165	
125	63	193 130 277	5	0.660	183	50	165	
140	32	193 130 284	5	0.638	183	50	165	
140	63	193 130 287	3	0.594	190	50	165	
160	32	193 130 294	5	0.600	193	50	165	
160	63	193 130 297	5	0.658	200	50	165	
180	32	193 130 304	5	0.742	203	50	165	
180	63	193 130 307	5	0.771	210	50	165	
200	32	193 130 314	5	0.766	213	50	165	
200	63	193 130 317	5	0.797	220	50	165	
225	32	193 130 324	5	0.730	226	50	165	
225	63	193 130 327	5	0.782	233	50	165	
250	32	193 130 334	5	0.785	238	50	165	
250	63	193 130 337	5	0.792	245	50	165	
** 280	63	193 130 347	5	0.400	245	50	165	
** 315 - 355	63	193 130 357	5	0.503	245	50	165	
** 400	63	193 130 377	5	0.400	245	50	165	

PF 2 51 313 001

53 127 000



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	GP	kg	d1 [mm]	L [mm]	H [mm]
40	193 127 017	14	0.135	104	105	108
50	193 127 027	10	0.200	80	105	85
63	193 127 037	8	0.255	132	120	153
75	193 127 047	8	0.430	162	130	122
90	193 127 057	12	0.547	104	130	147
110	193 127 067	12	0.528	120	120	191
125	193 127 077	4	0.757	158	130	184
160	193 127 097	6	0.961	192	130	218
180	193 127 107	4	1.095	214	130	239
200	193 127 117	4	1.145	236	130	260
225	193 127 127	3	1.399	262	140	286

PF 2 51 303 020

60 050 600



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	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

PF 2 51 313 017

60 050 500



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	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	

PF 2 51 313 017