

## PE Electrofusion Fittings



### Electrofusion fitting Series

### PE Electrofusion Fittings

#### PE Pipe for Gas Supply



Nominal OD (mm)	Minimum wall thickness (mm)		
	SDR11	SDR17	SDR17.6
20	3.0	2.3	2.3
25	3.0	2.3	2.3
32	3.0	2.3	2.3
40	3.7	2.4	2.3
50	4.6	3.0	2.9
63	5.8	3.8	3.6
75	6.8	4.5	4.3
90	8.2	5.4	5.2
110	10.0	6.6	6.3
125	11.4	7.4	7.1
140	12.7	8.3	8.0
160	14.6	9.5	9.1
180	16.4	10.7	10.3
200	18.2	11.9	11.4
225	20.5	13.4	12.8
250	22.7	14.8	14.2
280	25.4	16.6	15.9
315	28.6	18.7	17.9
355	32.2	21.1	20.2
400	36.3	23.7	22.8
450	40.9	26.7	25.6
500	45.4	29.7	28.4
560	50.8	33.2	31.9
630	57.2	37.4	35.8

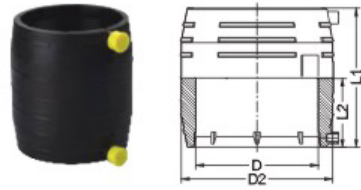
#### PE Pipe for Water Supply



Nominal OD (mm)	Minimum wall thickness (mm)				
	SDR9	SDR11	SDR13.6	SDR17	SDR21
20	2.3	2.0			
25	3.0	2.3	2.0		
32	3.6	3.0	2.4	2.0	
40	4.5	3.7	3.0	2.4	2.0
50	5.6	4.6	3.7	3.0	2.4
63	7.1	5.8	4.7	3.8	3.0
75	8.4	6.8	5.6	4.5	3.6
90	10.1	8.2	6.7	5.4	4.3
110	12.3	10.0	8.1	6.6	5.3
125	14.0	11.4	9.2	7.4	6.0
140	15.7	12.7	10.3	8.3	6.7
160	17.9	14.6	11.8	9.5	7.7
180	20.1	16.4	13.3	10.7	8.6
200	22.4	18.2	14.7	11.9	9.6
225	25.2	20.5	16.6	13.4	10.8
250	27.9	22.7	18.4	14.8	11.9
280	31.3	25.4	20.6	16.6	13.4
315	35.2	28.6	23.2	18.7	15.0
355	39.7	32.2	26.4	21.1	16.9
400	44.7	36.3	29.4	23.7	19.1
450	50.3	40.9	33.1	26.7	21.5
500	55.8	45.4	36.8	29.7	23.9
560	62.5	50.8	41.2	33.2	26.7
630	70.3	57.2	46.3	37.4	30.0
710	79.3	64.5	52.2	42.1	33.9
800	89.3	72.6	58.8	47.4	38.1
900		81.7	66.1	53.3	42.9
1000		90.8	73.5	59.3	47.7
1200			88.2	71.1	57.2

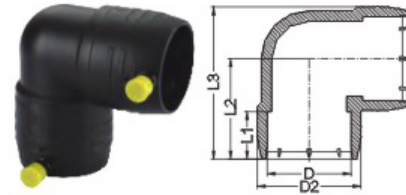
Electrofusion fitting Series

Coupling



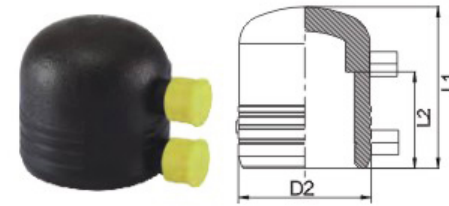
Size	D2	L1	L2
20	31	80	39.5
25	36	81	40
32	43	87	43
40	52	87	43
50	63	87	43
63	79	114	56
75	96	126	62
90	113	135	66.5
110	138	151	74.5
125	157	172	85
160	200	184	91
180	225	191	94.5
200	250	223	110.5
225	278	235	116.5
250	312	248	123
280	348	262	130
315	392	285	141.5
400	499	328	163
500	617	364	181

90 Deg Elbow



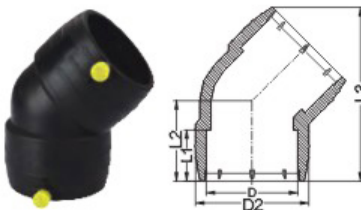
Size	D2	L1	L2	L3
20	31	39.5	56	70.8
25	36	40	58	75.8
32	43	43	65	76.4
40	52	43	70	96
50	63	43	75	106.5
63	79	56	97	136.5
75	96	62	112	160
90	113	66.5	124	180.3
110	138	74.5	145	214
125	157	85	165	243.2
160	200	91	194	294
180	225	94.5	210	322.6
200	250	110.5	240	365.6

End Cap



Size	D2	L1	L2
20	31	68	39.5
25	36	68	40
32	43	68	43
40	52	68	43
50	63	76	43
63	79	88	56
75	96	105.6	62
90	113	111	66.5
110	138	132	74.5
125	157	158.4	85
160	200	168	91
200	250	201.6	110.5

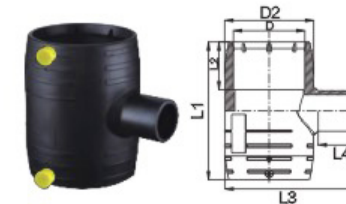
45° Elbow



Size	D2	L1	L2	L3
20	31	39.5	50	94.3
25	36	40	51	98
32	43	43	55	107
40	52	43	57	114.5
50	63	43	59	121.6
63	79	56	81	164
75	96	62	88	181
90	113	66.5	96	199
110	138	74.5	109	230
125	157	85	128	268.5
160	200	91	142.5	307.8
180	225	94.5	155	336.3
200	250	110.5	177	382.7

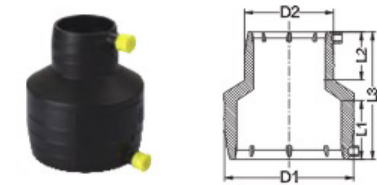
Electrofusion fitting Series

Reducing Tee



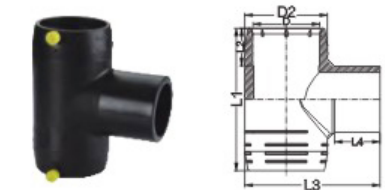
Size	D2	L1	L2	L3	L4
25 x 20	36	102	40	85.2	45
32 x 20	43	108	43	92.3	45
32 x 25	43	113	43	92.3	45
40 x 20	52	108	43	101.4	45
40 x 25	52	113	43	101.4	45
40 x 32	52	120	43	106.4	50
50 x 20	63	108	43	112.4	45
50 x 25	63	113	43	112.4	45
50 x 32	63	120	43	117.4	50
50 x 40	63	128	43	122.4	55
63 x 20	79	135	56	128.5	45
63 x 25	79	140	56	128.5	56
63 x 32	79	147	56	133.5	50
63 x 40	79	155	56	138.5	55
63 x 50	79	165	56	144.5	60
75 x 63	100.5	202	62	183.2	75
90 x 32	113	168	66.5	167	50
90 x 40	113	176	66.5	172	55
90 x 50	113	186	66.5	178	60
90 x 63	113	199	66.5	190.5	70
110 x 32	138	184	74.5	192.2	50
110 x 40	138	192	74.5	197.2	55
110 x 50	138	202	74.5	203	60
110 x 63	138	215	74.5	215.7	70
110 x 75	138	227	74.5	221	75
110 x 90	138	242	74.5	232	85
125 x 63	156	236	85	235	70
125 x 75	156	248	85	240	75
125 x 90	156	263	85	251	85
125 x 110	156	283	85	259	90
160 x 63	200	248	91	278	70
160 x 90	200	275	91	295	85
160 x 110	200	295	91	303	90
200 x 63	250	315	110.5	329	70
200 x 90	250	315	110.5	345	85
200 x 110	250	38.5	110.5	353	90
200 x 160	250	38.5	110.5	378	110

Reducer



Size	D1	D2	L1	L2	L3
25 x 20	36	31	40	39.5	85.5
32 x 25	43	36	43	40	90
32 x 20	43	31	43	39.5	90.5
40 x 32	52	43	43	43	94
40 x 25	52	36	43	40	95
40 x 20	52	31	43	39.5	98.5
50 x 40	63	52	43	43	95.5
50 x 32	63	43	43	43	101
63 x 50	79	63	56	43	111.5
63 x 40	79	52	56	43	112.5
63 x 32	79	43	56	43	115.5
75 x 63	96	79	62	56	135
75 x 50	96	63	62	43	126.5
90 x 63	113	79	66.5	56	144.5
90 x 50	113	63	66.5	43	131.5
90 x 40	113	52	66.5	43	133.5
110 x 90	138	113	74.5	66.5	162
110 x 63	138	79	74.5	56	153.5
110 x 50	138	63	75.5	43	143.5
125 x 110	157	138	85	74.5	180.5
160 x 110	200	138	91	74.5	197.5
160 x 90	200	113	91	66.5	191.5
160 x 63	200	79	91	56	190
200 x 160	250	200	110.5	91	236.5
200 x 110	250	138	110.5	74.5	225
200 x 90	250	113	110.5	66.5	224.3

Equal Tee



Size	D2	L1	L2	L3	L4
20	31	100	39.5	80.2	45
25	36	107	40	85.2	45
32	43	120	43	97.3	50
40	52	128	43	111.4	55
50	63	138	43	128.4	60
63	79	178	56	157	70
75	96	202	62	179.6	75
90	113	226	66.5	207	85
110	138	262	74.5	240	90
125	156	298	85	262	90
160	200	345	91	328	110
200	250	425	110.5	390	120

### Electrofusion fitting Series

#### Tapping Tee



Size	A	B	C	D	E
40 x 20	62	110	120.2	52.2	88
40 x 25	65	110	120.2	52.2	88
40 x 32	68	110	120.2	52.2	88
63 x 20	62	128.2	183	64	136
63 x 25	65	128.2	183	64	136
63 x 32	68	128.2	183	64	136
63 x 40	71	121	183	64	136
63 x 50	100	143.5	203	74	136
63 x 63	93.5	143.5	203	74	136
75 x 20	62	128.2	193	70.9	165.6
75 x 25	65	128.2	193	70.9	165.6
75 x 32	68	128.2	193	70.9	165.5
75 x 40	71	212	193	70.9	165.5
90 x 20	62	128.2	196	77.3	165.4
90 x 25	65	128.2	196	77.3	165.4
90 x 32	68	128.2	196	77.3	165.4
90 x 40	71	121	196	77.3	165.4
90 x 50	100	160	238.3	88.5	165.4
90 x 63	93.5	160	238.3	88.5	165.4
110 x 20	62	128.2	206	87	165.2
110 x 25	65	128.2	206	87	165.2
110 x 32	68	128.2	206	87	165.2
110 x 40	71	121	206	87	165.2
110 x 50	100	160	243.3	93.5	165.2
110 x 63	93.5	160	243.3	93.5	165.2
110 x 90	85	160	251.5	112.2	195.2
125 x 20	62	138.2	213.7	94.7	167
125 x 25	65	138.2	213.7	94.7	167
125 x 32	68	138.2	213.7	94.7	167
125 x 40	71	131	213.7	94.7	167
125 x 50	100	160	251	101.2	167
125 x 63	93.5	160	251	101.2	167
160 x 20	62	138.2	231.3	112.3	170.1
160 x 25	65	138.2	231.3	112.3	170.1
160 x 32	68	138.2	231.3	112.3	170.1
160 x 40	71	131	231.3	112.3	170.1
160 x 50	100	160	268.5	118.8	170.1
160 x 63	93.5	160	268.5	118.8	170.1
160 x 90	85	160	276.8	137.3	260.2
160 x 110	90	180	302.7	150.8	260.2
180 x 20	62	138.2	241.4	122.3	170.4
180 x 25	65	138.2	241.4	122.3	170.4
180 x 32	68	138.2	241.4	122.3	170.4
180 x 40	71	131	241.4	122.3	170.4

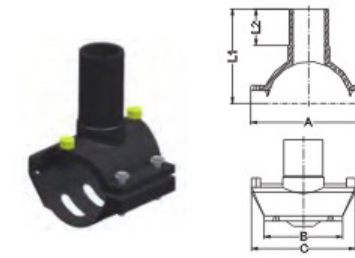
#### Tapping Tee



Size	A	B	C	D	E
180 x 50	100	170	251	128.8	170
180 x 63	93.5	170	251	128.8	170
200 x 20	62	138.2	257.4	138.3	170.8
200 x 25	65	138.2	257.4	138.3	170.8
200 x 32	68	138.2	257.4	138.3	170.8
200 x 40	71	131	257.4	138.3	170.8
200 x 50	100	170	289.6	139.8	170.8
200 x 63	93.5	170	289.6	139.8	170.8
200 x 90	85	160	297.8	158.3	260.4
200 x 110	90	180	332.7	171.8	260.4
225 x 20	62	138.2	270.6	151.5	170.9
225 x 25	65	138.2	270.6	151.5	170.9
225 x 32	68	138.2	270.6	151.5	170.9
225 x 40	71	131	270.6	151.5	170.9
225 x 50	100	170	307.8	158	170.9
225 x 63	93.5	170	307.8	158	170.9
225 x 90	85	160	309	171.9	260.8
225 x 110	90	180	337.3	185.4	260.8
250 x 20	62	176.4	323.3	176.5	263.9
250 x 25	65	178.6	323.3	176.5	263.9
250 x 32	68	179.2	323.3	176.5	263.9
250 x 40	71	175.3	323.3	176.5	263.9
250 x 50	100	170	323.3	176.5	263.9
250 x 63	93.5	170	323.3	176.5	263.9
250 x 90	85	160	324.6	187.4	264.9
250 x 110	90	180	350.3	198.4	264.9
280 x 20	62	176.4	338.3	191.5	264.2
280 x 25	65	178.6	338.3	191.5	264.2
280 x 32	68	179.2	338.3	191.5	264.2
280 x 40	71	175.3	338.3	191.5	264.2
280 x 50	100	170	338.3	191.5	264.2
280 x 63	93.5	170	338.3	191.5	264.2
280 x 90	85	160	342	202.5	264.6
280 x 110	90	180	363.4	213.5	264.6
315 x 20	62	176.4	355.8	209	265.6
315 x 25	65	178.6	355.8	209	265.6
315 x 32	68	179.2	355.8	209	265.6
315 x 40	71	175.3	355.8	209	265.6
315 x 50	100	170	355.8	209	265.6
315 x 63	93.5	170	355.8	209	265.6
315 x 90	85	160	359	219.5	265.2
315 x 110	90	180	382.4	230.5	265.2
315 x 160	110	225	429	248	338

### Electrofusion fitting Series

#### Branch Saddle



Size	L1	L2	A	B	C
63 x 32	183	50	136	128	100
63 x 40	183	55	136	128	100
63 x 63	203	70	136	128	100
90 x 32	196	50	165.4	158.1	121.9
90 x 50	238.3	60	165.4	158.1	121.9
90 x 63	238.3	70	165.4	158.1	121.9
110 x 32	206	50	165.2	169.3	120
110 x 63	243.3	70	165.2	172.3	120
110 x 90	251.5	85	195.2	173.3	120
125 x 32	213.7	50	167	188.3	120
125 x 50	251	60	167	188.3	120
125 x 63	251	70	167	188.3	120
160 x 63	268.5	70	170.1	223.3	120
160 x 90	276.8	85	260.2	250.3	210
160 x 110	302.7	90	260.2	250.3	210
200 x 63	289.6	70	170.8	265.3	120
200 x 90	297.8	85	260.4	286.3	200
250 x 63	323.3	70	263.9	332.3	200
250 x 90	3246	85	264.9	332.3	200

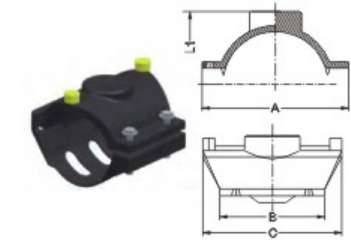
#### Stopper Saddle



Size	L1	A	B	C
90 x 20	155	158.1	131.2	165.3
110 x 20	165	168.3	128.7	165.3
110 x 63	243.3	165.2	170.3	120
160 x 90	276.8	260.2	250.3	210
200 x 90	297.8	260.4	286.3	200
200 x 110	332.7	260.4	286.3	200
200 x 160	332.7	260.4	286.3	200
225 x 90	309	260.8	307.3	200
225 x 110	337.3	260.8	307.3	200
225 x 160	337.3	260.8	307.3	200
250 x 90	324.6	264.9	332.3	200
250 x 110	350.3	264.9	332.3	200
250 x 160	350.3	264.9	332.3	200
315 x 90	359	265.2	378.3	200
315 x 110	382.4	265.2	378.3	200
315 x 160	429	338	376	280

### PE Electrofusion Fittings

#### Repair Saddle



Size	L1	A	B	C
40	40	68	73	88
50	50	85	75	88
63	60	128	100	136
90	65	158.1	121.9	77.3
110	80	165.2	170.3	120
125	90	188.3	120	167
160	95	260.2	250.3	210
200	110	260.4	286.3	200
225	120	260.8	307.3	200
250	130	264.9	332.3	200
315	150	265.2	378.3	200