



General Catalog

Electrofusion fittings

Butt fusion fittings

2025



Dedicated in Pipe Fittings

FUSING X



INTRODUCTION

Company Introduction

Fusing X is a company that integrates the production, research and development, and sales of high-density polyethylene (HDPE) fittings, established in 2005. After more than a decade of development, the company now boasts a 20,000 m² workshop and 150 employees. FusingX exports to over 20 countries and serves more than 100 major clients.

The company has the capability to produce a full range of butt fusion fittings, electrofusion fittings, PE threaded fittings, siphon drainage fittings, PP-R pipes, engineering pipeline systems, home decoration pipeline systems, industrial hot water pipeline systems fittings and pipes, as well as providing customized fittings services.

Fusing X adheres to the belief in sustainable human development by using the best new PE materials, automated production equipment, and scientific production techniques to continuously improve productivity, reliability, and eco-friendliness. The company has passed ISO9001 and GB/T13663.2-2018 certifications. By closely connecting its produced fittings with industries such as human energy transportation, construction, and environmental protection, Fusing X provides safe and reliable guarantees.



► Production



INJECTION

Regular checkups to make sure the injection parameters



WIRE COILING

Automatic CNC wire coiling ensures uniform fitting for the fusion zone



PIN CONNECTING

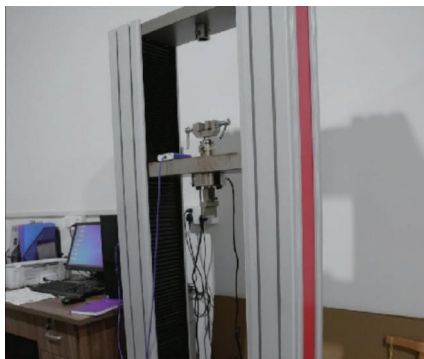
After pin connection, resistance will be checked 100% to ensure quality

► Quality Control



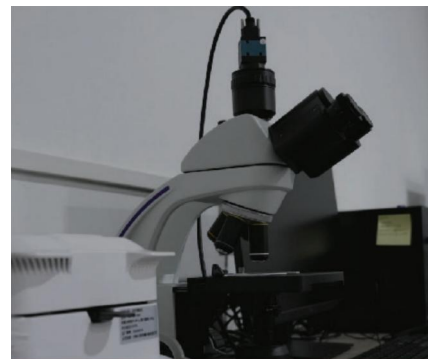
HYDROSTATIC PRESSURE

Follow ISO1167 for 20°C 100 hours and 80°C 165 hours pressure test



TENSILE TEST

Conduct tensile tests per ISO13954/13955 to avoid brittle failure



MFR, OIT, DENSITY

Perform chemical tests such as MFR, OIT, density, moisture, and volatile content according to relevant ISO standards

FUSING



We Offer



Electrofusion Fittings

1.0Mpa, SDR17, PN10
1.6Mpa, SDR11, PN16
2.0Mpa, SDR9, PN20

S series

1-17



Electrofusion Fittings

1.6Mpa, SDR11, PN16

X series

18-22



Butt Fusion Fittings

1.6Mpa, SDR11, PN16

S series

23-34



**Coupler**

SDR-17					
DN	D	T	L	L1	L2
315	355	20	234	117	66
355	399	22	267	133	70
400-B	452	26	240	115	60
400	448	24	300	150	75
450	504	27	310	155	75
500-B	563	31	260	127	73
500	556	28	325	162	85
560	616	28	334	167	100
630-B	706	38	332	166	110
630	696	33	376	188	110
710-B	788	39	350	173	110
710	796	43	429	207	112
800-B	888	44	361	176	111
800	898	49	455	222	122
901	1005	53	528	258	128
1000	1117	58	590	285	160
1200	1342	70	595	290	160
1400	1567	82	567	285	164

**Elbow 90°**

SDR-17				
DN	D	T	L	L1
315	355	20	135	66
355	403	24	140	70
400	456	28	145	75
500	560	30	150	85
630	704	37	185	110
710	795	42	211	112
800	890	45	225	120

**Elbow 45°**

SDR-17				
DN	D	T	L	L1
315	355	20	135	66
355	403	24	140	70
400	456	28	145	75
500	560	30	150	85
630	704	37	185	110
710	792	41	211	112
800	886	43	225	120


Reducer

SDR-17						
DN	Dn2/Dn1	Dn2/Dn1	T2/T1	L	L2/L1	L4/L3
355*200	200/355	240/399	20/22	277	105/140	55/65
355*250	250/355	294/399	22/22	297	125/140	70/70
355*315	315/355	363/399	24/22	285	135/140	65/70
400*250	250/400	294/448	22/24	310	125/140	80/75
400*315	315/400	365/448	25/24	315	135/140	80/75
500*315	315/500	365/556	25/28	320	133/140	78/83
500*400	400/500	450/556	25/28	330	145/150	73/81
710*500	440/710	500/796	30/43	460	157/270	115/115
710*630	556/710	630/796	37/43	465	184/250	115/115
800*630	556/800	630/898	37/49	500	184/280	120/120
800*710	626/800	710/898	42/49	505	215/285	120/120


Equal Tee

SDR-17					
Dn	D	T	L	L1	L2
315	355	20	518	135	66
355	405	25	585	140	75
400	454	27	620	143	75
500	560	30	737	150	85
630	704	37	932	187	110
710	788	39	996	210	125
800	888	44	1120	225	130


Flange Adapter

SDR-17						
Dn	D	T	T1	L	L1	L2
355	395	20	36.5	150	132	80
400	444	22	37	150	135	76
450	498	24	43	155	140	77
500	552	26	43	190	170	105
560	620	30	48	205	180	95
630	680	25	60	205	190	115
710	772	31	71	270	245	150
800	872	36	75	273	250	158
900	995	47	78	300	285	180
1000	1105	51	88	342	325	138



Reducing Tee

SDR-17					
Dn	D	T	L	L1	L2
315*90	355	20	398	135	66
315*110	355	20	398	135	66
315*160	355	20	398	135	66
315*200	355	20	518	135	66
315*250	355	20	518	135	66
355*110	405	25	585	140	75
355*160	405	25	585	140	75
355*200	405	25	585	140	75
355*250	405	25	585	140	75
355*315	405	25	585	140	75
400*110	454	27	447	143	75
400*125	454	27	447	143	75
400*160	454	27	447	143	75
400*200	454	27	447	143	75
400*250	454	27	620	143	75
400*315	454	27	620	143	75
500*110	560	30	500	150	85
500*160	560	30	500	150	85
500*200	560	30	500	150	85
500*250	560	30	500	150	85
500*315	560	30	737	150	85
500*400	560	30	737	150	85
500*450	560	30	737	150	85
630*110	702	36	710	184	110
630*160	702	36	710	184	110
630*200	702	36	710	184	110
630*250	702	36	710	184	110
630*315	702	36	710	184	110
630*400	702	36	710	184	110
630*500	704	37	932	187	110
710*200	792	41	792	214	112
710*315	792	41	792	214	112
710*400	792	41	792	214	112
710*500	792	41	792	214	112
800*160	890	45	816	227	120
800*200	890	45	816	227	120
800*315	890	45	816	227	120
800*400	890	45	816	227	120
800*500	890	45	816	227	12
900*710	1005	53	1092	260	140
1000*710	1117	58	1150	288	145


Coupler

SDR-11					
Dn	D	T	L	L1	L2
50	66	8	113	56	30
63	79	8	112	56	30
75	93	9	124	62	32
90	110	10	139	69	40
110	136	13	148	74	40
125	151	13	158	79	40
140	168	14	168	84	40
160	192	16	173	86	50
180	214	17	191	94	47
200	236	18	192	96	53
225	267	21	218	109	55
250	292	21	220	110	63
280	322	21	215	107	70
315	371	28	265	132	65
315-B	371	28	235	113	60
355	419	32	267	133	70
400-B	476	39	240	113	60
400	468	34	300	147	75
450	534	42	310	155	75
500-B	592	46	260	124	73
500	572	36	325	160	85
560	651	47	333	170	100
630	731	50.5	375	188	110
710	832	61	432	209	112
800	936	68	456	224	126
900	1064	82	528	258	128
1000	1178	89	590	289	165
1200	1218	109	595	290	160


Elbow 90°

SDR-11				
Dn	D	T	L	L1
50	66	8	54	25
63	79	8	54	25
75	91	8	60	30
90	110	10	68	40
110	132	11	74	40
125	151	13	80	40
140	166	13	75	35
160	190	15	95	50
200	238	19	105	55
225	267	21	110	65
250	294	22	125	63
315	375	30	135	70
355	419	32	140	70
400	472	36	145	75
500	587	43.5	151	85
630	735	55	185	110



Reducer

SDR-11					
Dn2/Dn1	D2/D1	T2/T1	L	L2/L1	L4/L3
50/63	66 /79	8 /8	114	53 /53	23 /26
50/75	66 /91	8 /8	121	53 /57	26 /31
63/75	79 /91	8 /8	122	54 /57	27 /31
50/90	66 /110	8 /10	133	55 /65	30 /26
63/90	79 /110	8 /10	135	55 /65	26 /26
75/90	93 /110	9 /10	136	60 /67	33 /45
50/110	66 /134	8 /12	145	55 /72	37 /43
63/110	79 /134	8 /12	142	55 /73	31 /45
75/110	91 /134	8 /12	145	60 /73	38 /44
90/110	110 /134	10 /12	153	70 /73	38 /44
75/125	91 /149	8 /12	155	60 /79	38 /38
90/125	110 /149	10 /12	166	70 /77	38 /40
110/125	132 /149	11 /12	170	75 /78	38 /33
110/140	132 /168	11 /14	175	75 /80	40 /40
50/160	90 /194	20 /17	235	100 /110	72 /46
63/160	91 /192	14 /16	235	100 /110	70 /45
75/160	109 /192	17 /16	184	70 /92	43 /47
90/160	110 /194	10 /17	183	68 /92	36 /41
110/160	134 /192	12 /16	186	75 /92	50 /50
125/160	149 /192	12 /16	190	80 /90	50 /50
140/160	164 /192	12 /16	194	90 /95	50 /50
50/200	78 /236	14 /18	255	109 /113	81 /43
63/200	79 /236	8 /18	265	109 /113	90 /50
75/200	109 /238	17 /19	260	109 /117	83 /51
90/200	110 /236	10 /18	260	109 /112	50 /60
110/200	134 /236	12 /18	210	75 /100	50 /60
125/200	149 /236	12 /18	215	80 /100	50 /60
140/200	168 /240	14 /20	215	95 /90	47 /60
160/200	192 /238	16 /19	222	93 /102	52 /65
110/225	134 /265	12 /20	223	75 /110	40 /45
160/225	190 /265	15 /20	232	95 /110	55 /57
200/225	236 /265	18 /20	232	103 /110	55 /60
110/250	134 /294	12 /22	250	75 /120	45 /55
160/250	192 /294	16 /22	264	95 /120	50 /65
200/250	236 /294	18 /22	264	105 /120	50 /60
225/250	265 /294	20 /22	252	110 /120	50 /60
160/315	192 /363	16 /24	268	95 /130	55 /60
200/315	236 /363	18 /24	275	105 /130	55 /60
250/315	292 /363	21 /24	290	125 /130	55 /60
200/355	240 /415	20 /30	272	105 /135	63 /68
250/355	296 /415	23 /30	295	123 /135	65 /70
315/355	375 /417	30 /31	285	132 /135	70 /70
315/400	373 /468	29 /34	307	132 /140	72 /80
355/400	417 /470	31 /35	311	150 /140	71 /80
400/450	470 /522	35 /36	315	143 /155	95 /90
400/500	473 /567	35 /35	330	145 /125	80 /90
400/630	478 /731	39 /51	390	160 /193	124 /105
500/630	583 /728	39 /51	391	165 /193	110 /91


Equal Tee

SDR-11					
Dn	D	T	L	L1	L2
50	66	8	149	54	27
63	79	8	165	55	28
75	93	9	184	60	29
90	110	10	213	70	40
110	134	12	241	75	40
125	151	13	260	80	40
140	168	14	281	85	40
160	192	16	315	93	50
200	240	20	360	104	55
225	265	20	395	120	55
250	296	23	437	125	63
315	371	28	518	133	70
355	419	32	577	140	70
400	474	37	623	143	70
450	525	37.5	703	156	75
500	587	43.5	725	151	85
560	640	43	803	168	100


Elbow 45°

SDR-11				
Dn	D	T	L	L1
50	66	8	54	25
63	79	8	54	25
75	91	8	60	30
90	110	10	68	40
110	132	11	74	40
125	151	13	80	40
140	166	13	75	35
160	190	15	95	50
200	238	19	105	55
225	267	21	110	65
250	294	22	125	63
315	375	30	135	70
355	419	32	140	70
400	472	36	145	75
500	587	43.5	151	85
630	735	55	185	110


End Cap

SDR-11					
Dn	D	T	L	L1	L2
50	64	7	80	58	35
63	79	8	82	65	33
75	95	10	100	68	45
90	110	10	95	75	40
110	134	12	103	78	40
160	190	15	145	110	75
200	236	18	165	123	80
250	290	20	165	123	75
315	370	28	190	152	95
400	470	35	205	160	78



Reducing Tee

SDR-11					
Dn	D	T	L	L1	L2
50*32	66	8	149	54	27
50*40	66	8	149	54	27
63*32	79	8	165	55	28
63*40	79	8	165	55	28
63*50	79	8	165	55	28
75*40	93	9	184	60	29
75*50	93	9	184	60	29
75*63	93	9	184	60	29
90*50	110	10	213	70	40
90*63	110	10	213	70	40
90*75	110	10	213	70	40
110*50	134	12	214	75	40
110*63	134	12	214	75	40
110*75	134	12	214	75	40
110*90	134	12	241	75	40
125*75	151	13	260	80	40
125*90	151	13	260	80	40
125*110	151	13	260	80	40
140*90	168	14	281	85	40
140*110	168	14	281	85	40
160*50	192	16	263	93	50
160*63	192	16	263	93	50
160*75	192	16	263	93	50
160*90	192	16	315	93	50
160*110	192	16	315	93	50
160*125	192	16	315	93	50
160*140	192	16	315	93	50
200*50	240	20	295	104	55
200*63	240	20	295	104	55
200*75	240	20	295	104	55
200*90	240	20	295	104	55
200*110	240	20	295	104	55
200*125	240	20	360	104	55
200*160	240	20	360	104	55
225*90	265	20	395	120	55
225*110	265	20	395	120	55
225*160	265	20	395	120	55
225*200	265	20	395	120	55
250*75	296	23	354	125	63
250*90	296	23	354	125	63
250*110	296	23	354	125	63
250*125	296	23	354	125	63
250*160	296	23	437	125	63
250*200	296	23	437	125	63
315*110	371	28	398	133	70
315*160	371	28	398	133	70
315*200	371	28	518	133	70
315*250	371	28	518	133	70
355*250	419	32	577	140	70
355*315	419	32	577	140	70


Reducing Tee

SDR-11					
Dn	D	T	L	L1	L2
400*110	472	36	338	143	70
400*160	472	36	338	143	70
400*200	472	36	338	143	70
400*250	472	36	623	143	70
400*315	472	36	623	143	70
450*110	525	37.5	703	156	75
450*160	525	37.5	703	156	75
450*200	525	37.5	703	156	75
450*250	525	37.5	703	156	75
450*315	525	37.5	703	156	75
450*400	525	37.5	703	156	75
500*400	587	43.5	725	151	85
560*110	640	43	803	168	100
560*160	640	43	803	168	100
560*200	640	43	803	168	100
560*250	640	43	803	168	100
560*315	640	43	803	168	100
560*400	640	43	803	168	100
630*110	742	56	705	185	110
630*160	742	56	705	185	110
630*200	742	56	705	185	110
630*250	742	56	705	185	110
630*315	742	56	705	185	110
630*400	742	56	705	185	110


Flange Adapter

SDR-11						
Dn	D	T	T1	L	L1	L2
50	66	8	19	78	71	37
63	79	8	21	77	71	38
75	93	9	20	77	70	40
90	110	10	22.5	85	77	45
110	132	11	26	104	95	55
125	149	12	26	105	95	57
140	168	14	24	107	94	56
160	190	15	28.5	125	113	65
200	238	19	31	123	110	60
225(8)	265	20	33	122	109	61
225(12)	265	20	33	122	109	61
250	290	20	36	150	140	80
280	320	20	37	150	145	90
315	355	20	39.5	155	145	95
355	405	25	41	155	135	80
400	456	28	41	155	133	76
450	498	24	45	155	140	77
500	552	26	56	190	170	105
560	620	30	65	205	180	95
630	680	25	60	205	190	115



Coupler

B type

SDR-11					
Dn	D	T	L	L1	L2
50	62.5	6.5	94	45	22.1
63	77	7.5	105.5	53	22.1
75	92	8.6	112	54	22.1
90	108	10	121.5	60	30
110	132.5	11.3	141	70	37.5
160	189	14.6	162	77	37.5
200	235.5	18.1	184	90	45
250(10Kg)	286	18	193.5	96	45
250(16Kg)	295.5	22.7	205	101.5	54
315(10Kg)	353	20	220	108.5	45
315(16Kg)	394	29.2	236	116	51



Elbow 90°

B type

SDR-11				
Dn	D	T	L	L1
110	134	12	66.5	35
160	189	15.5	77	37.5
200	235.5	18.5	90	45



Flange Adapter

B type

SDR-11						
Dn	D	T	T1	L	L1	L2
110	132	10	22	90	85	50
160	191	14	30	110	103	45
200	235	18	32	113	105	50


Equal Tee

B type


Cross Fitting

SDR-11

Dn	D	T	L	L1	L2
50*32	63	6	137	50	22.1
50*40	63	6	137	50	22.1
50*50	63	6	137	50	22.1
63*40	78	7	157	50	22.1
63*50	78	7	157	50	22.1
63*63	78	7	157	50	22.1
75*50	93	8	175	50	22.1
75*63	93	8	175	50	22.1
75*75	93	8	175	50	22.1
90*50	109	9	195	55	30
90*63	109	9	195	55	30
90*75	109	9	195	55	30
90*90	109	9	195	55	30
110*50	132.5	11.7	200	68	37.5
110*63	132.5	11.7	200	68	37.5
110*75	132.5	11.7	200	68	37.5
110*90	132.5	11.7	226.5	68	37.5
110*110	132.5	11.7	226.5	68	37.5
160*50	189	15.5	218.5	76	37.5
160*63	189	15.5	218.5	76	37.5
160*75	189	15.5	218.5	76	37.5
160*90	189	15.5	247	79	37.5
160*110	189	15.5	247	79	37.5
160*160	189	15.5	289	79	37.5
200*50	237	19	245	90	45
200*63	237	19	245	90	45
200*75	237	19	245	90	45
200*90	237	19	280	93	45
200*110	237	19	280	93	45
200*160	237	19	348	93	45
200*200	237	19	348	93	45

SDR-11

Dn	D	T	L	L1
110	132	10.5	251	70
160	186	14	325	80
200	236	16.5	384	90



Coupler

Dn	D	T	L	L1	L2
50	70	10	111	55	34
63	85	11	112	56	34
75	96	11	124	62	34
90	114	12	139	69	40
110	138	14	149	74	40
125	165	20	167	83	40
160	200	20	173	86	45
200	252	26	205	102	53
250	304	27	233	116	60
315	383	34	266	128	68



Reducer

Dn2/Dn1	D2/D1	T2/T1	L	L2/L1	L4/L3
50 /110	70 /138	10 /14	145	55 /75	35 /45
75 /110	99 /138	12 /14	145	60 /75	35 /40
90 /110	114 /138	12 /14	150	65 /75	40 /45
90 /160	118 /200	14 /20	183	70 /90	35 /40
110 /160	138 /200	14 /20	186	75 /90	50 /50
110 /200	138 /248	14 /24	205	75 /100	50 /60
160 /200	200 /250	20 /25	221	90 /103	50 /60
160 /250	200 /306	20 /28	256	95 /125	45 /60
200 /250	250 /306	25 /28	262	105 /120	52 /65
250 /315	306 /383	28 /34	288	124 /135	55 /62



Elbow 90°

Dn	D	T	L	L1
50	72	11	55	30
63	85	11	56	34
75	101	13	61	36
90	118	14	70	40
110	138	14	75	40
160	200	20	95	50
200	250	25	100	55
250	306	28	125	65
315	381	33	138	61


Elbow 45°

Dn	D	T	L	L1
110	138	14	75	40
160	200	20	95	50
200	250	25	100	55
250	306	28	125	65
315	381	33	136	61


Equal Tee

Dn	D	T	L	L1	L2
110	138	14	240	75	40
160	204	22	313	93	48
200	252	26	360	105	58
250	306	28	438	125	65
315	383	34	511	134	61


Reducing Tee

Dn	D	T	L	L1	L2
110*90	138	14	240	75	40
160*110	204	22	313	93	48
200*110	252	26	360	105	58
200*160	252	26	360	105	58
250*110	306	28	438	125	65
250*160	306	28	438	125	65
250*200	306	28	438	125	65
315*110	383	34	511	134	61
315*160	383	34	511	134	61
315*200	383	34	511	134	61
315*250	383	34	511	134	61


Flange Adapter

Dn	D	T	T1	L	L1	L2
110	138	14	22	105	95	55
160	196	18	32	125	112	60
200	240	20	35	125	105	55
250	300	25	38	150	137	75
315	365	25	42	171	161	100



Coupler

Double seal Coupler

Dn	D	T	L	L1	L2
50	68	9	100	49	18
63	81	9	120	59	20
75	93	9	144	70	20
90	112	11	170	83	25
110	136	13	183	90	35
160	194	17	197	97	35
200	240	20	230	113	46
250	292	21	260	128	50
315	375	30	276	137	60



Elbow 90°

Double seal Elbow 90°

Dn	D	T	L	L1
50	68	9	49	18
63	81	9	59	20
75	93	9	70	20
90	112	11	83	25
110	136	13	90	35
160	194	17	97	35
200	240	20	113	46
250	292	21	128	50
315	375	30	137	60



Elbow 45°

Double seal Elbow 45°

Dn	D	T	L	L1
50	68	9	49	18
63	81	9	59	20
75	93	9	70	20
90	112	11	83	25
110	136	13	90	35
160	194	17	97	35
200	240	20	113	46
250	292	21	128	50
315	375	30	137	60


Equal Tee

Double seal Equal Tee

Dn	D	T	L	L1	L2
50	68	9	180	49	18
63	81	9	210	59	20
75	93	9	255	70	20
90	112	11	310	83	25
110	136	13	331	90	35
160	194	17	415	97	35
200	240	20	496	113	46
250	292	21	565	128	50
315	375	30	650	137	60


Reducing Tee

Double seal Reducing Tee

Dn	Dn2/Dn1	D2/D1	T2/T1	L	L2/L1	L4/L3
63*50	50/63	68/81	9/9	120	49/59	18/20
75*50	50/75	68/93	9/9	130	49/70	18/20
75*63	63/75	81/93	9/9	160	59/70	20/20
90*63	63/90	81/112	9/11	160	59/83	20/25
90*75	75/90	93/112	9/11	170	70/83	20/25
110*75	75/110	93/136	9/13	175	70/90	20/35
110*90	90/110	112/136	11/13	190	83/90	25/35
160*90	90/160	112/194	11/17	225	83/97	25/35
160*110	110/160	136/194	13/17	230	90/97	35/35
200*110	110/200	136/240	13/20	265	90/113	35/46
200*160	160/200	194/240	17/20	275	97/113	35/46
250*160	160/250	194/292	17/21	290	97/128	35/50
250*200	200/250	240/292	20/21	305	113/128	46/50
315*200	200/315	240/375	20/30	335	113/137	46/60
315*250	250/315	292/375	21/30	350	128/137	50/60


Flange Adapter

Double seal Flange Adapter

Dn	D	T	L	L1	L2
50	68	9	77	73	33
63	81	9	77	73	37
75	93	9	77	73	37
90	112	11	85	80	40
110	136	13	105	98	43
160	194	17	110	102	46
200	240	20	115	105	48
250	292	21	140	135	55
315	375	30	145	140	60



Flange Plate

Nylon Coated, PN1.6Mpa

PE	Standard	φdn	φd	K	φE	N	Bolts
20	15	95	27	65	14	4	M12
25	20	105	32	75	14	4	
32	25	115	39	85	14	4	
40	32	135	47	100	18	4	M16
50	40	145	57	110	18	4	
63	50	160	70	125	18	4	
75	65	180	81	145	18	4	
90	80	195	97	160	18	8	
110	100	215	116	180	18	8	
125	100	215	135	180	18	8	
140	125	245	150	210	18	8	M20
160	150	280	170	240	22	8	
180	150	280	190	240	22	8	
200	200	335	222	295	22	12	
225	200	335	235	295	22	12	
250	250	400	276	355	26	12	M24
280	250	400	292	355	26	12	
315	300	450	328	410	26	12	
355	350	510	380	470	26	16	
400	400	570	430	525	30	16	M27
450	450	630	484	585	30	20	
500	500	705	534	650	33	20	M30
560	600	830	634	770	36	20	M33
630	600	830	634	770	36	20	
710	700	900	724	840	36	24	M36
800	800	1010	824	950	39	24	
900	900	1110	930	1050	39	28	M39
1000	1000	1220	1025	1170	42	28	
1200	1200	1455	1260	1390	48	32	M45



Female adapter

SDR-11	
Dn	L
63	72
75	80
90	81
110	85

SDR-11	
Dn	L
63	72
75	80
90	81
110	85



Male adapter


Flange Plate

Nylon Coated, PN2.0Mpa

PE	Standard	φdn	φd	K	φE	N	Bolts
20	15	95	27	65	14	4	M12
25	20	105	32	75	14	4	
32	25	115	39	85	14	4	
40	32	135	47	100	18	4	M16
50	40	145	57	110	18	4	
63	50	160	70	125	18	4	
75	65	180	81	145	18	4	
90	80	195	97	160	18	8	
110	100	215	116	180	18	8	
125	100	215	135	180	18	8	
140	125	245	150	210	18	8	M20
160	150	280	170	240	22	8	
180	150	280	190	240	22	8	
200	200	335	222	295	22	8	
225	200	335	235	295	22	8	
250	250	390	276	350	22	12	
280	250	390	292	350	22	12	
315	300	440	328	400	22	12	M24
355	350	500	380	460	22	16	
400	400	565	430	515	26	16	
450	450	615	484	565	26	20	M27
500	500	670	534	620	26	20	
560	600	780	575	725	30	20	
630	600	780	650	725	30	20	M30
710	700	895	730	840	30	24	
800	800	1010	825	950	33	24	
900	900	1110	930	1050	33	28	M33
1000	1000	1220	1025	1160	36	28	
1200	1200	1455	1260	1380	39	32	


PE/Steel adapter

SDR-11	
Dn	L
75	80
90	80
110	84
160	90
200	90

Large size Coupler

Large size
355
400
450
500
560
630
710
800
900
1000
1200
1400



Large size Elbow

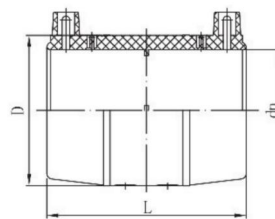


Large size

355
400
450
500
560
630
710
800
900
1000

Coupler

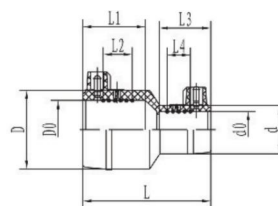
SDR11
PE100



Code	Size (mm)	L(mm)	D(mm)	Unit Weight (kg)	QTY /box
FX6311C	dn63	104	78	0.13	120
FX7511C	dn75	116	92	0.22	84
FX9011C	dn90	142	111	0.37	48
FX11011C	dn110	150	135	0.56	24
FX12511C	dn125	164	154	1.02	16
FX14011C	dn140	176	172	1.32	12
FX16011C	dn160	186	196	1.49	12
FX18011C	dn180	196	221	2.36	6
FX20011C	dn200	200	245	2.44	6
FX22511C	dn225	210	276	3.25	6
FX25011C	dn250	220	307	4.11	2
FX28011C	dn280	230	343	5.42	4
FX31511C	dn315	240	386	7.16	1

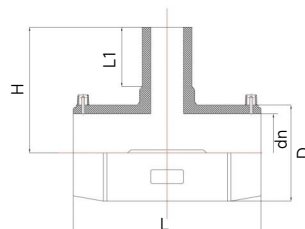
Reducer

SDR11
PE100



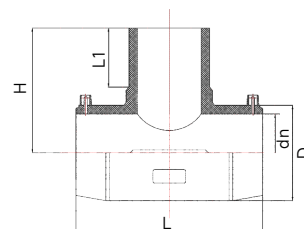
Code	Size (mm)	Dn2/Dn1	Dn2/Dn1	T2/T1	L(mm)	L2/L1	L4/L3	Unit Weight (kg)	QTY /box
FX633211R	63-32								
FX634011R	63-40								
FX635011R	63-50								
FX756311R	75-63								
FX906311R	90-63								
FX907511R	90-75								
FX1106311R	110-63								
FX1107511R	110-75								
FX1109011R	110-90								
FX1259011R	125-90								
FX1609011R	160-90								
FX16011011R	160-110								
FX20011011R	200-110								
FX25016011R	250-160								
FX31516011R	315-160								
FX31520011R	315-200								
FX31525011R	315-250								

Reducing Tee SDR11 PE100



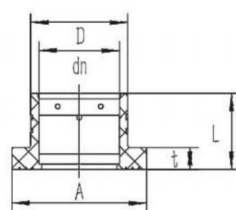
Code	Size (mm)	H	L(mm)	D(mm)	L1	Unit Weight (kg)	QTY /box
FX633211T	dn63*32*63	109	144	78	46	0.24	
FX634011T	dn63*40*63	114	144	78	51	0.25	
FX635011T	dn63*50*63	120	166	78	57	0.31	
FX756311T	dn75*63*75	133	189	92	64	0.47	
FX906311T	dn90*63*90	143	204	111	64	0.67	
FX907511T	dn90*75*90	152	229	111	72	0.8	
FX1106311T	dn110*63*110	158	218	135	65	1.15	12
FX1107511T	dn110*75*110	164	258	135	72	1.22	
FX1109011T	dn110*90*110	173	258	135	80	1.33	8
FX12511011T	dn125*110*125	185	282	154	83	1.88	
FX1609011T	dn160*90*160	203	294	196	80	2.7	6
FX16011011T	dn160*110*160	206	294	196	83	2.75	6
FX16014011T	dn160*140*160	218	336	196	94	3.46	4
FX2009011T	dn200*90*200	227	308	245	80	4.75	4
FX20011011T	dn200*110*200	230	308	245	83	4.13	4
FX20014011T	dn200*140*200	242	350	245	94	5.05	3
FX20016011T	dn200*160*200	248	350	245	100	5.3	3
FX22516011T	dn225*160*225	263	374	276	100	8.5	2
FX22520011T	dn225*200*225	277	415	276	114	10.2	2
FX25016011T	dn250*160*250	279	370	307	100	8.55	
FX25020011T	dn250*200*250	292	440	307	114	10.39	
FX31511011T	dn315*110*315	301	358	386	83	12.14	
FX31516011T	dn315*160*315	318	390	386	100	13.62	
FX31520011T	dn315*200*315	332	424	386	114	15.3	
FX31525011T	dn315*250*315	349	470	386	131	17.85	

Equal Tee SDR11 PE100



Code	Size (mm)	H	L(mm)	D(mm)	L1	Unit Weight (kg)	QTY /box
FX6311T	dn63	126	166	78	64	0.35	
FX7511T	dn75	142	189	92	72	0.52	
FX9011T	dn90	160	229	111	80	0.89	
FX11011T	dn110	175	258	135	83	1.6	8
FX12511T	dn125	190	282	154	89	2	
FX16011T	dn160	224	336	196	100	3.67	4
FX20011T	dn200	262	382	245	114	7.9	2
FX22511T	dn225	285	415	276	122	10.65	2
FX25011T	dn250	310	440	307	131	11.67	
FX31511T	dn315	370	518	386	152	21.4	

Flange Adaptor SDR11 PE100



Code	Size (mm)	A	t	L(mm)	D(mm)	Unit Weight (kg)	QTY /box
FX6311F	dn63	105	16	60	75	0.16	
FX7511F	dn75	125	20	70	90	0.28	75
FX9011F	dn90	145	20	70	107	0.4	36
FX11011F	dn110	175	23	75	131	0.55	36
FX12511F	dn125	190	23	80	149	0.71	
FX14011F	dn140	220	24	90	166	1.02	
FX16011F	dn160	240	25	100	192	1.33	18
FX20011F	dn200	293	30	115	237	2.2	8
FX22511F	dn225	329	32	120	267	3.09	
FX25011F	dn250	355	35	125	297	3.61	6
FX31511F	dn315	450	40	135	375	6.76	

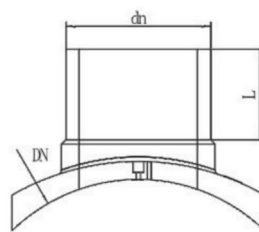
Elbow 45° SDR11 PE100

Code	Size (mm)	H	L(mm)	D(mm)	Unit Weight (kg)	QTY /box
FX631145E	dn63	74	52	78	0.21	
FX751145E	dn75	83	58	92	0.32	
FX901145E	dn90	102	71	111	0.57	
FX1101145E	dn110	110	75	135	0.86	12
FX1601145E	dn160	142	93	196	2.34	9
FX2001145E	dn200	162	100	245	4.10	4
FX2251145E	dn225	178	105	276	6.19	2
FX2501145E	dn250	188	110	307	8.44	2
FX3151145E	dn315	218	120	386	13.91	

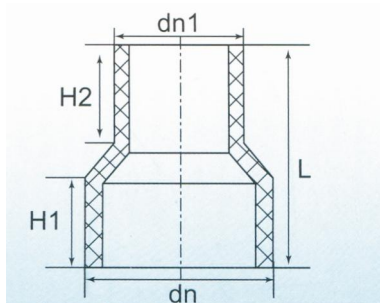
Elbow 90° SDR11 PE100

Code	Size (mm)	H	L(mm)	D(mm)	Unit Weight (kg)	QTY /box
FX631190E	dn63	92	52	78	0.23	48
FX751190E	dn75	105	58	92	0.38	24
FX901190E	dn90	126	71	111	0.65	24
FX1101190E	dn110	142	75	135	1.03	16
FX1601190E	dn160	188	93	196	2.96	6
FX2001190E	dn200	218	100	245	5.21	4
FX2251190E	dn225	238	105	276	8.9	2
FX2501190E	dn250	255	110	307	10.44	2
FX3151190E	dn315	305	120	386	18.54	1

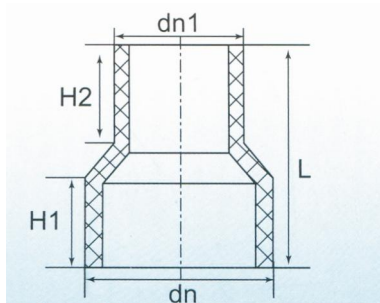
Saddle Branch SDR11 PE100



Code	Size (mm)	L(mm)	Unit Weight (kg)	QTY /box
FX3159011S	315-90	70		
FX3559011S	355-90	70		
FX4009011S	400-90	70		
FX4509011S	450-90	70		
FX5009011S	500-90	70		
FX5609011S	560-90	70		
FX6309011S	630-90	70		
FX7109011S	710-90	70		
FX31511011S	315-110	70		
FX35511011S	355-110	70		
FX40011011S	400-110	70		
FX45011011S	450-110	70		
FX50011011S	500-110	70		
FX56011011S	560-110	70		
FX63011011S	630-110	70		
FX71011011S	710-110	70		
FX31514011S	315-140	80		
FX35514011S	355-140	80		
FX40014011S	400-140	80		
FX45014011S	450-140	80		
FX50014011S	500-140	80		
FX56014011S	560-140	80		
FX63014011S	630-140	80		
FX71014011S	710-140	80		
FX31516011S	315-160	80		
FX35516011S	355-160	80		
FX40016011S	400-160	80		
FX45016011S	450-160	80		
FX50016011S	500-160	80		
FX56016011S	560-160	80		
FX63016011S	630-160	80		
FX71016011S	710-160	80		

**Reducer**

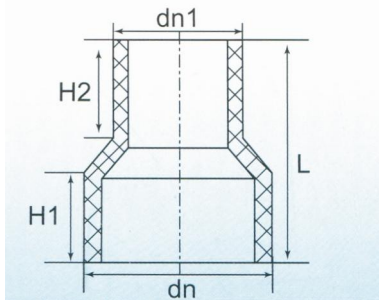
Specification	dn	dn1	H1	H2	L
S75-50	75	50	67	60.5	140
S75-63	75	63	67	60.5	140
S90-50	90	50	75	63.5	155
S90-63	90	63	75	63.5	155
S90-75	90	75	75	71	155
S110-50	110	50	77	71	166
S110-63	110	63	77	73.5	166
S110-75	110	75	77	74	166
S110-90	110	90	77	76.5	166
S125-50	125	50	78	72	168.5
S125-63	125	63	78	73.5	168.5
S125-75	125	75	78	73.5	168.5
S125-90	125	90	78	76.5	168.5
S125-110	125	90	78	78	168.5
S140-63	140	63	80	71	170
S140-75	140	75	80	74	170
S140-90	140	90	80	76	170
S140-110	140	110	80	77	170
S140-125	140	125	80	77	170
S160-63	160	63	80	71	179
S160-75	160	75	80	72	179
S160-90	160	90	80	74	179
S160-110	160	110	80	77	179
S160-125	160	125	80	82	179
S160-140	160	140	80	84	179
S180-63	180	63	80	75	180
S180-75	180	75	80	75	180
S180-90	180	90	80	79	180
S180-110	180	110	80	86	180
S180-125	180	125	80	86	180
S180-140	180	140	80	86	180
S180-160	180	160	80	86	180
S200-63	200	63	80	78	185
S200-75	200	75	80	78	185
S200-90	200	90	80	80	185
S200-110	200	110	80	82	185
S200-125	200	125	80	82	185
S200-140	200	140	80	82.5	185
S200-160	200	160	80	82.5	185
S200-180	200	180	80	82.5	185
S225-90	225	90	80	80	180
S225-110	225	110	80	80	180
S225-125	225	125	80	80	180
S225-160	225	160	80	80	180


Reducer


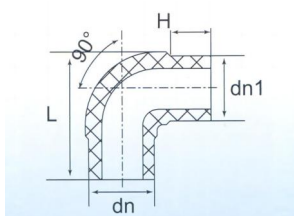
Specification	dn	dn1	H1	H2	L
S225-180	225	180	80	80	180
S225-200	225	200	80	80	180
S250-90	250	90	90	80	215
S250-110	250	110	90	81	205
S250-125	250	125	90	81	205
S250-160	250	160	90	82	205
S250-180	250	180	90	83	205
S250-200	250	200	90	85	205
S250-225	250	225	90	85	205
S280-110	280	110	90	78	192
S280-125	280	125	90	81	192
S280-160	280	160	90	85	192
S280-180	280	180	90	85	192
S280-200	280	200	90	85	192
S280-225	280	225	90	85	192
S280-250	280	250	90	87	192
S315-90	315	90	90	80	204
S315-110	315	110	90	80	204
S315-125	315	125	90	80	204
S315-140	315	140	90	80	204
S315-160	315	160	90	80	204
S315-180	315	180	90	80	204
S315-200	315	200	90	87	204
S315-225	315	225	90	87	204
S315-250	315	250	90	85	204
S315-280	315	280	90	85	204
S355-110	355	110	90	83	205
S355-160	355	160	90	86	205
S355-200	355	200	90	90	205
S355-225	355	225	90	85	205
S355-250	355	250	90	93	205
S355-280	355	280	90	92	205
S355-315	355	315	90	95	205
S400-110	400	110	90	85	215
S400-160	400	160	90	85	215
S400-200	400	200	90	85	215
S400-225	400	225	90	83	215
S400-250	400	250	90	80	215
S400-280	400	280	90	85	215
S400-315	400	315	90	85	215
S400-355	400	355	90	85	215



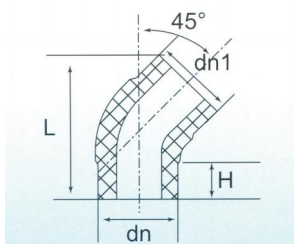
Reducer



Specification	dn	dn1	H1	H2	L
S450-200	450	200	90	90	235
S450-250	450	250	90	92	235
S450-280	450	280	90	95	235
S450-315	450	315	90	100	235
S450-355	450	355	90	105	235
S450-400	450	400	90	108	235
S500-200	500	200	90	110	255
S500-250	500	250	90	120	255
S500-315	500	315	90	122	255
S500-355	500	355	90	133	255
S500-400	500	400	90	135	255
S500-450	500	450	90	140	255
S560-315	560	315	100	120	245
S560-355	560	355	100	130	250
S560-400	560	400	100	130	250
S560-450	560	450	100	130	255
S560-500	560	500	100	140	255
S630-315	630	315	100	125	275
S630-355	630	355	95	125	275
S630-400	630	400	95	140	275
S630-450	630	450	95	130	275
S630-500	630	500	95	142	275
S630-560	630	560	95	150	275
S710-315	710	315	130	120	358
S710-355	710	355	130	120	358
S710-400	710	400	130	120	358
S710-450	710	450	130	120	323
S710-500	710	500	130	120	323
S710-560	710	560	130	120	278
S710-630	710	630	130	120	278
S800-315	800	315	130	120	420
S800-355	800	355	130	120	
S800-400	800	400	130	120	390
S800-450	800	450	130	120	355
S800-500	800	500	130	120	355
S800-560	800	560	130	115	309
S800-630	800	630	130	120	309
S800-710	800	710	130	120	309


Elbow 90°


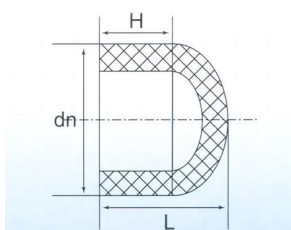
Specification	dn/dn1	L	H
L63-90°	63	131	63
L75-90°	75	150	70
L90-90°	90	173	78
L110-90°	110	195	80
L125-90°	125	211	77
L140-90°	140	228	79
L160-90°	160	245	80
L180-90°	180	267	80
L200-90°	200	290	85
L225-90°	225	321	90
L250-90°	250	356	105
L280-90°	280	395	105
L315-90°	315	430	110
L355-90°	355	463	110
L400-90°	400	519	110
L450-90°	450	570	110
L500-90°	500	610	110
L560-90°	560	700	125
L630-90°	630	772	130
L710-90°	710	911	180
L800-90°	800	1002	180


Elbow 45°


Specification	dn/dn1	L	H
L63-45°	63	159	63
L75-45°	75	180	70
L90-45°	90	204	78
L110-45°	110	222	80
L125-45°	125	240	77
L140-45°	140	250	79
L160-45°	160	264	80
L180-45°	180	270	80
L200-45°	200	295	85
L225-45°	225	329	90
L250-45°	250	357	105
L280-45°	280	392	105
L315-45°	315	417	110
L355-45°	355	433	110
L400-45°	400	483	110
L450-45°	450	520	110
L500-45°	500	575	110
L560-45°	560	631	125
L630-45°	630	685	130
L710-45°	710	833	180
L800-45°	800	897	180



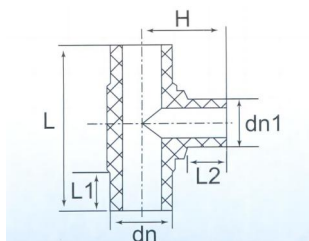
End Cap



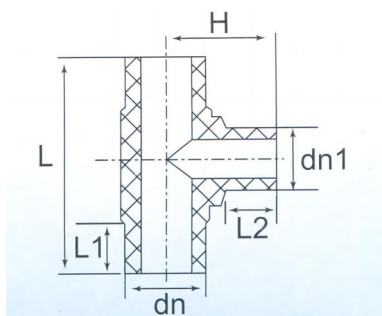
Specification	dn	L	H
D75	75	81	67
D90	90	90.5	75
D110	110	94	77
D125	125	94	77
D140	140	96	79
D160	160	99	80
D180	180	108	80
D200	200	103.5	80
D225	225	105	80
D250	250	115	90
D280	280	118	90
D315	315	130	90
D355	355	131	90
D400	400	132	90
D450	450	138	90
D500	500	130	90
D630	630	145	95
D710	710	175	137
D800	800	180	143
D900	900	170	120
D1000	1000	175	125



Equal Tee



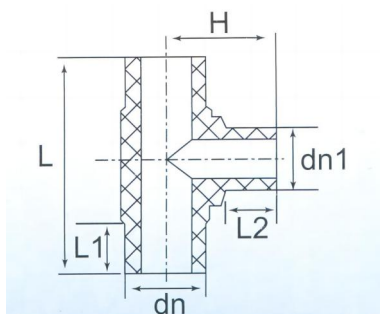
Specification	dn/dn1	L1	L2	L	H
T63-63	63	63	63	198	99
T75-75	75	70	70	224	112
T90-90	90	78	78	255	127.5
T110-110	110	80	80	279	139.5
T125-125	125	80	80	305	152.6
T140-140	140	80	80	323	162
T160-160	160	80	80	329	164.5
T180-180	180	80	80	350	175
T200-200	200	85	85	382	191
T225-225	225	85	85	417	208
T250-250	250	90	90	474	237.5
T280-280	280	105	105	506	257
T315-315	315	105	105	550	275
T355-355	355	100	100	576	297
T400-400	400	110	110	645	330
T450-450	450	110	120	700	360
T500-500	500	110	140	748	424
T560-560	560	125	135	846	433
T630-630	630	130	140	928	474
T710-710	710	180	180	1072	541
T800-800	800	185	185	1202	606


Reducing Tee


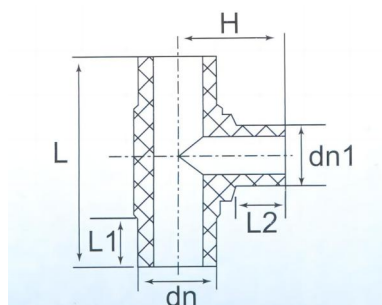
Specification	dn	dn1	L1	L2	L	H
T75-50	75	50	68.5	57	199.5	94.5
T75-63	75	63	68.5	63	213	100.5
T90-50	90	50	78	57	214.7	102
T90-63	90	63	78	63	227	108
T90-75	90	75	78	70	239	115
T110-50	110	50	75	60	211	120
T110-63	110	63	75	70	224	130
T110-75	110	75	75	75	236	135
T110-90	110	90	75	78	250	138
T125-50	125	50	77	60	216	131.7
T125-63	125	63	77	63	229	134.7
T125-75	125	75	77	70	241	142.2
T125-90	125	90	77	72	256	144.2
T125-110	125	110	77	76.5	276	149
T140-63	140	63	80	63	224	142.5
T140-75	140	75	80	70	249	149.5
T140-90	140	90	80	72	264	152.5
T140-110	140	110	80	75	284	155.5
T140-125	140	125	80	79	299	159.5
T160-63	160	63	80	70	234	155
T160-75	160	75	80	75	246	160
T160-90	160	90	80	78	261	163
T160-110	160	110	80	80	280	165
T160-125	160	125	80	80	295	165
T180-63	180	63	80	75	235	171
T180-75	180	75	80	75	247	171
T180-90	180	90	80	79	261	175
T180-110	180	110	80	80	281	176
T180-125	180	125	80	80	295	175
T180-140	180	140	80	80	310	175
T180-160	180	160	80	80	330	175
T200-63	200	63	83.5	75	241	181
T200-75	200	75	83.5	75	253	181
T200-90	200	90	83.5	79	267	185
T200-110	200	110	83.5	80	287	186
T200-125	200	125	83.5	85	301	190
T200-160	200	160	83.5	85	340	190
T225-63	225	63	90	75	302	226
T225-75	225	75	90	75	302	226
T225-90	225	90	90	75	302	226
T225-110	225	110	90	85	302	226
T225-125	225	125	90	75	351	226
T225-140	225	140	90	75	351	226
T225-160	225	160	90	85	351	226
T225-180	225	180	90	78	391	226
T225-200	225	200	90	85	391	226



Reducing Tee



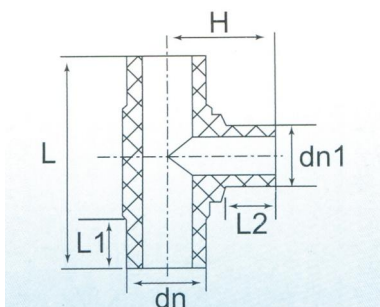
Specification	dn	dn1	L1	L2	L	H
T250-63	250	63	100	77	305	217
T250-75	250	75	100	77	305	217
T250-90	250	90	100	77	305	217
T250-110	250	110	110	100	325	217
T250-125	250	125	100	78	373	217
T250-140	250	140	100	78	373	217
T250-160	250	160	100	85	373	217
T250-180	250	180	100	70	412	216
T250-200	250	200	100	85	412	216
T250-225	250	225	100	85	438	216
T280-63	280	63	109	95	341	252
T280-75	280	75	109	95	341	252
T280-90	280	90	109	95	341	252
T280-110	280	110	109	105	341	252
T280-125	280	125	109	90	390	252
T280-140	280	140	109	90	390	252
T280-160	280	160	109	105	390	252
T280-180	280	180	109	90	429	251
T280-200	280	200	109	105	429	251
T280-225	280	225	109	90	479	252
T280-250	280	250	109	105	479	252
T315-63	315	63	110	97	347	276
T315-75	315	75	110	97	347	276
T315-90	315	90	110	97	347	276
T315-110	315	110	110	110	347	276
T315-125	315	125	110	100	396	276
T315-140	315	140	110	100	396	276
T315-160	315	160	110	110	396	276
T315-180	315	180	110	95	435	276
T315-200	315	200	110	110	435	275
T315-225	315	225	110	95	460	275
T315-250	315	250	110	110	485	275
T315-280	315	280	105	90	550	275
T355-110	355	110	110	100	328	298
T355-125	355	125	110	100	377	297
T355-140	355	140	110	100	377	297
T355-160	355	160	110	100	377	297
T355-200	355	200	110	100	416	297
T355-225	355	225	110	98	467	298
T355-250	355	250	110	100	467	298
T355-315	355	315	110	100	532	298
T400-110	400	110	110	110	351	321
T400-160	400	160	110	110	400	320
T400-200	400	200	110	110	439	320
T400-225	400	225	110	98	490	320
T400-250	400	250	110	110	490	320
T400-315	400	315	110	110	555	320
T400-355	400	355	110	100	645	330


Reducing Tee


Specification	dn	dn1	L1	L2	L	H
T450-110	450	110	110	110	359	350
T450-125	450	125	110	90	408	349
T450-140	450	140	110	90	408	349
T450-160	450	160	110	110	408	349
T450-180	450	180	110	100	447	348
T450-200	450	200	110	110	447	348
T450-225	450	225	110	100	497	346
T450-250	450	250	110	110	497	346
T450-280	450	280	110	100	562	349
T450-315	450	315	110	110	562	349
T450-355	450	355	110	110	647	347
T450-400	450	400	110	110	647	347
T500-110	500	110	110	110	406	375
T500-125	500	125	110	100	406	375
T500-140	500	140	110	100	406	375
T500-160	500	160	110	110	406	375
T500-180	500	180	110	100	446	375
T500-200	500	200	110	110	446	375
T500-225	500	225	110	100	495	375
T500-250	500	250	110	110	495	375
T500-280	500	280	110	100	560	375
T500-315	500	315	110	110	560	375
T500-355	500	355	110	122	644	379
T500-400	500	400	110	110	644	379
T560-110	560	110	125	115	396	412
T560-125	560	125	125	100	443	412
T560-140	560	140	125	100	443	412
T560-160	560	160	125	115	443	412
T560-180	560	180	125	100	483	412
T560-200	560	200	125	115	483	412
T560-225	560	225	125	100	532	412
T560-250	560	250	125	110	532	412
T560-280	560	280	125	100	597	416
T560-315	560	315	125	130	597	416
T560-355	560	355	125	140	681	416
T560-400	560	400	125	130	681	416
T560-450	560	450	125			
T560-500	560	500	125	130	780	426
T630-90	630	90	130	105	404	447
T630-110	630	110	130	110	404	447
T630-125	630	125	130	107	454	447
T630-140	630	140	130	107	454	447
T630-160	630	160	130	115	454	447



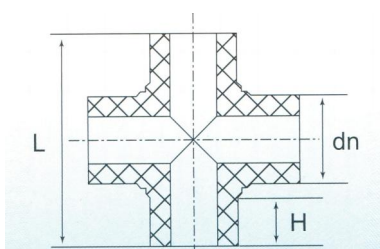
Reducing Tee



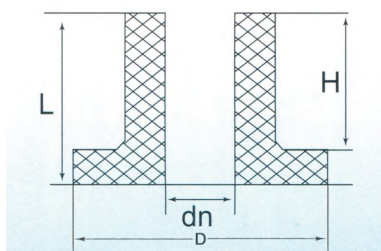
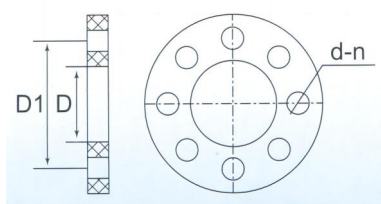
Specification	dn	dn1	L1	L2	L	H
T630-180	630	180	130	107	494	447
T630-200	630	200	130	115	494	447
T630-225	630	225	130	107	543	447
T630-250	630	250	130	115	543	447
T630-280	630	280	130	110	608	451
T630-315	630	315	130	120	608	451
T630-355	630	355	130	149	692	451
T630-400	630	400	130	130	692	451
T630-450	630	450	130	107	791	461
T630-500	630	500	130	140	791	461
T630-560	630	560				
T710-110	710	110	215	170	585	522
T710-160	710	160	198	170	585	522
T710-200	710	200	180	170	585	522
T710-250	710	250	195	150	690	521
T710-315	710	315	180	165	690	521
T710-400	710	400	180	165	775	518
T710-500	710	500	185	165	875	520
T710-630	710	630	180	165	1008	525
T800-110	800	110	240	170	615	572
T800-160	800	160	210	170	615	572
T800-200	800	200	196	170	615	572
T800-250	800	250	205	170	730	572
T800-315	800	315	205	170	730	572
T800-400	800	400	200	170	815	579
T800-500	800	500	185	170	910	572
T800-630	800	630	197	171	1040	571



Cross

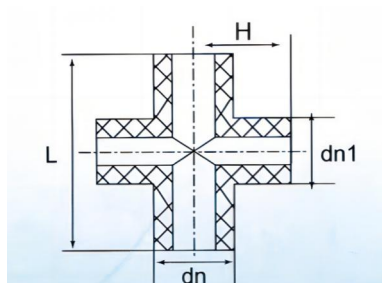


Specification	dn	L	H
+63	63	200	65
+75	75	222	70
+90	90	255	75
+110	110	279	75
+160	160	329	80
+200	200	379	83.5
+225	225	415	90
+250	250	461	100
+315	315	543	110
+400	400	645	110
+500	500	748	110
+710	710	1072	180
+800	800	1202	185

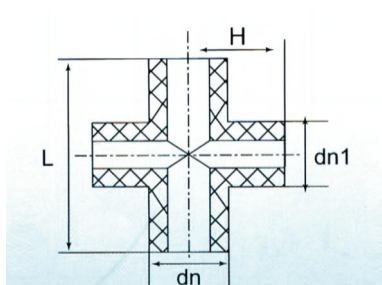

Stub End

Flange Plate


Specification	dn	L	H	D
F63	63	87	74	96
F75	75	93	78	113
F90	90	101	84	122
F110	110	109	92	140
F125	125	108	91	158
F140	140	123	107	172
F160	160	119	99	200
F180	180	129	107	222
F200	200	128	105	243
F225	225	127	102	274
F250	250	134	107	310
F280	280	160	130	334
F315	315	166	133	370
F355	355	157	123	407
F400	400	180	140	473
F450	450	176	140	515
F500	500	196	151	576
F560	560	210	160	635
F630	630	210	160	690
F710	710	215	165	807
F800	800	230	175	885
F900	900	215	160	995
F1000	1000	240	180	1095
F1200	1200	375	275	1320

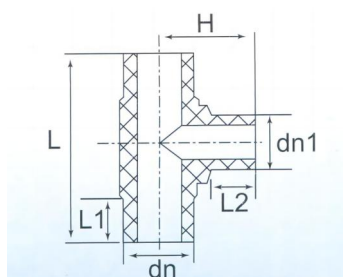
Specification	dn	n	D	D1
F63	18	4	66	123
F75	18	4	78	143
F90	18	8	96	158
F110	18	8	116	178
F125	18	8	133	208
F140	18	8	146	238
F160	23	8	168	238
F180	23	8	185	238
F200	23	8	210	293
F225	23	8	230	293
F250	23	12	260	350
F280	23	12	290	350
F315	23	12	328	400
F355	23	16	365	460
F400	25	16	415	515
F450	25	20	465	565
F500	25	20	515	620
F560	30	20	570	725
F630	30	20	645	725
F710	30	24	725	840
F800	35	24	825	950
F900	35	28	925	1050
F1000	35	28	1025	1160
F1200	35	32	1225	1380

**Cross Tee**

Specification	dn	dn1	L	L1/mm	L2/mm	H
+63-32	63	32	200	83	65	63
+63-50	63	50	200	87.5	65	59
+75-50	75	50	234	101	70	58
+75-63	75	63	234	108	70	64
+90-50	90	50	256	112	72	58
+90-63	90	63	256	153	72	64
+90-75	90	75	256	123	76	72
+110-63	110	63	275	125	79	65
+110-75	110	75	275	131	79	70
+110-90	110	90	275	132	79	74
+160-63	160	63	329	167	80	80
+160-75	160	75	329	167	80	77
+160-90	160	90	329	166	80	80
+160-110	160	110	329	166	80	80
+200-110	200	110	374	185	85	80
+200-160	200	160	374	185	85	80
+225-110	225	110	307	208	90	85
+225-160	225	160	352	200	90	80
+225-200	225	200	416	206	90	85
+250-110	250	110	382	227	125	95
+250-160	250	160	382	220	105	90
+250-200	250	200	460	221	100	90
+315-110	315	110	407	262	130	100
+315-160	315	160	407	260	110	100
+315-200	315	200	465	260	120	100
+315-250	315	250	540	260	108	100
+400-110	400	110	351	321	110	110
+400-200	400	200	439	320	110	110
+500-110	500	110	356	375	108	120
+500-160	500	160	406	375	108	120
+500-200	500	200	445	385	108	120
+500-250	500	250	495	383	108	120
+500-315	500	315	560	385	108	120
+500-400	500	400	644	384	108	120
+710-110	710	110	582	547	215	170
+710-160	710	160	582	547	198	170
+710-200	710	200	582	547	180	170
+710-250	710	250	690	542	200	170
+710-315	710	315	690	542	177	170
+710-400	710	400	770	542	182	165
+710-500	710	500	870	542	185	165
+710-630	710	630	1003	542	180	165
+800-110	800	110	615	572	240	170
+800-160	800	160	615	572	217	170
+800-200	800	200	615	572	196	170
+800-250	800	250	730	572	220	170
+800-315	800	315	730	572	200	170
+800-400	800	400	815	572	200	170
+800-500	800	500	910	572	190	170
+800-630	800	630	1040	572	197	170

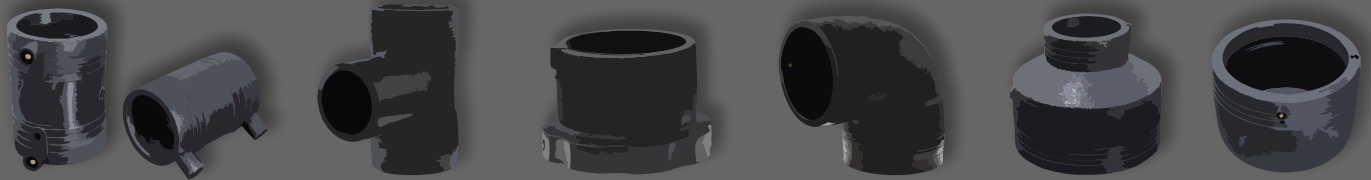

Reducing Cross


Specification	dn	dn1	L	L1/mm	L2/mm	H
+400-110	400	110	110	110	351	321
+400-200	400	200	110	110	439	320
+400-400	400	400	110	110	645	330
+500-110	500	110	108	110	108	375
+500-160	500	160	108	110	108	375
+500-200	500	200	108	120	108	385
+500-250	500	250	108	120	108	383
+500-315	500	315	108	120	108	385
+500-400	500	400	108	120	108	384
+500-500	500	500	108	108	748	110
+710-110	710	110	240	170	620	547
+710-160	710	160	210	170	620	547
+710-200	710	200	200	170	620	547
+710-250	710	250	230	165	770	542
+710-315	710	315	210	165	770	542
+710-400	710	400	235	165	920	542
+710-500	710	500	195	165	920	542
+710-630	710	630	185	165	1008	542
+800-110	800	110	240	170	620	593
+800-160	800	160	210	170	620	593
+800-200	800	200	200	170	620	593
+800-250	800	250	230	170	770	593
+800-315	800	315	210	170	770	593
+800-400	800	400	250	170	920	593
+800-500	800	500	200	170	920	593
+800-630	800	630	200	170	1040	593


Reducing Tee


Specification	dn	dn1	L1	L2	L	H
T710-110	710	110	240	170	620	547
T710-160	710	160	210	170	620	547
T710-200	710	200	210	170	620	547
T710-250	710	250	230	170	770	547
T710-315	710	315	210	165	770	547
T710-400	710	400	235	165	920	542
T710-500	710	500	195	165	920	542
T710-630	710	630	185	165	1008	542
T800-110	800	110	240	170	620	593
T800-160	800	160	210	170	620	593
T800-200	800	200	210	170	620	593
T800-250	800	250	230	170	770	593
T800-315	800	315	210	170	770	593
T800-400	800	400	250	170	920	593
T800-500	800	500	200	170	920	593
T800-630	800	630	200	170	1040	593





FUSING^X

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