

DÖKERLER

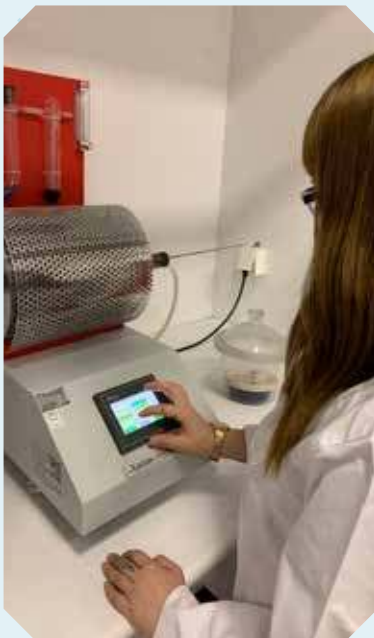
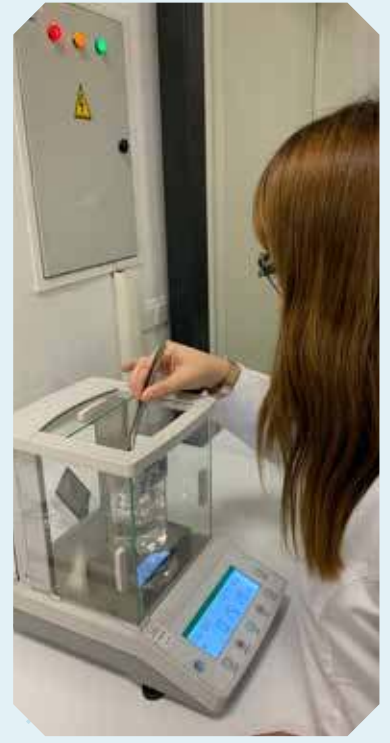
ÜRÜN KATALOĞU | PRODUCT CATALOGUE



**80 YILLIK TECRÜBEMİZLE
SINIRLARI AŞIYORUZ!**



**TRUSTING IN OUR OVER
80 YEAR OF EXPERIENCE
WE ARE GOING OVER OUR
BOUNDARIES**



Dökerler 1935 yılında üretim hayatına, gri döküm olarak şehir şebekelerinde kullanılan font boru ek parçaları, kanalizasyon baca kapakları ve yağmur suyu ızgaraları üretimiyle başlamıştır. 1982 yılında Dökerler Döküm Ltd. Şti.'nin kurulmasıyla birlikte Ankara-İstanbul Yolu Susuz Köy mevkiindeki, fabrika sahasına taşınmış ve şehir şebekelerinde kullanılan A.Ç.B., P.V.C. ve düktül boru ek parçaları üretimine burada devam etmiştir.

Değişen dünya ve ülkemiz ihtiyaçlarını bilen ve yeniliklerin takipçisi olan Dökerler 2003 yılında üretim profiline Polietilen (PE100) boru bağlantı parçalarını ilave etmiştir. Bu yeni üretim sürecine geçişte, Dökerler' in kalitesini, iş ahlakını ve güvenilirliğini bilen inşaat sektörünün manevi desteği ile firmamız büyük ve sağlam adımlar atmıştır. Bu bilinçle Dökerler, üretim kapasitesini yaptığı yeni yatırımlarla hızla arttırmış, ülkemiz ve dünyanın polietilen borulama sistemleri konusundaki ihtiyacına kaliteli ve ekonomik ürünleriyle hızla cevap vermiştir.

2018 yılında Sincan Malıköy Başkent O.S.B.'de yaptığı yeni yatırımlarla üretim kapasitesinin büyük bölümünü dış pazara yönlendiren firmamız, büyümeyi sürdürmek için stratejik düşünceleri benimsemiştir.

Günümüz teknolojilerinin gerekliliklerinin yerine getirildiği üretim birimimizde CNC ve enjeksiyon sistemleri yer almaktadır. Gelişen teknolojiyi yakından takip eden AR-GE birimimiz, kalıplamadan son ürüne A'dan Z'ye üretimin her aşamasını bünyesinde barındırdığı laboratuvarlarda test ve takibini yapmaktadır.

İmalatımızda kalitenin bizi ileriye taşıyacağı felsefesini benimseyen firmamız EN 12201-3 & EN 1555-3 ve ISO 9001, ISO 14001, ISO 45001 gibi standartlara sahiptir.

Dökerler yarım asrı aşkın süredir üretimine devam ettiği şebeke boruları ek parçalarındaki bilgi ve deneyimini, polietilen (PE100) boru ek parçalarına aktararak su ve gaz konusunda çözümler üretmeye devam etmektedir.

Dökerler initiated production activities in 1935 as manufacturer of gray cast iron fittings for infrastructure water pipes. In 1982, following the foundation of "Dökerler Döküm Industry Exportation Importation and Trading Limited Company" the company continued gray cast iron and ductile iron fittings production for infrastructure water pipes in a new plant located in Susuz Village on Ankara-Istanbul highway.

Being aware of rapid change of world's and local needs, Dökerler has included polyethylene HDPE pipe fittings in its production range in 2003. In this transition process, the support of construction sector of Turkey who has known the quality, principles, and reliability of Dökerler made us take big and solid steps. Dökerler has rapidly improved its production capacity with its new investment and made a big contribution to the local and global needs with affordable products of high quality.

In 2018, Dökerler made a new investment in Sincan Malikoy Baskent Industrial Area and directed much of its production to foreign markets to honor the company principle "we think strategically to keep growing."

CNC and Injection systems were established in its production facility where recent technologies are pursued consistently. In its advanced laboratories the inhouse R & D department makes required tests and evaluates the results from start to finish of production.

In Dökerler, we believe delivering high quality will take us to the future; therefore we own standards such as EN 12201-3, EN 1555-3 and ISO 9001, ISO 14001, ISO 45001.

By transferring half a century of knowledge and experience in infrastructure water pipe fittings to polyethylene HDPE pipe fittings; As Dokerler we are confident and innovative in water and gas solutions.



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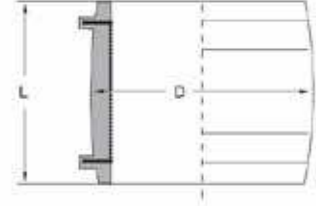
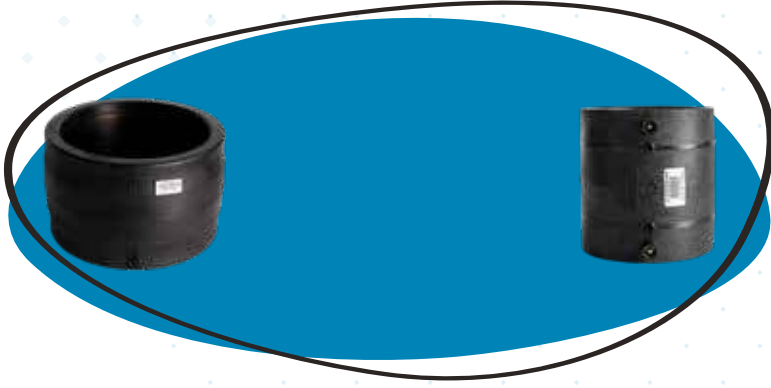
ELEKTROFÜZYON

ELECTROFUSION



Elektrofüzyon | Electrofusion

Ef Manson | Ef Coupler
PE100 SDR11



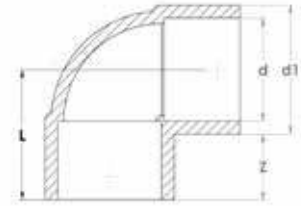
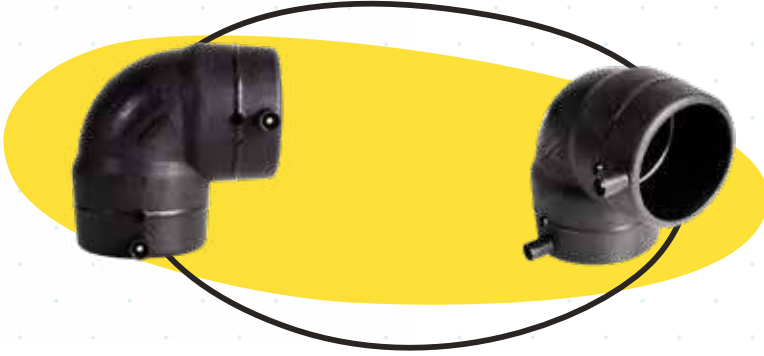
d	basınç (bar) pressure (bar)	D (mm)	L (mm)	kg
20	pn16	32	61	0,034
25	pn16	42	74	0,063
32	pn16	47	78	0,067
40	pn16	58	88	0,106
50	pn16	71	99	0,153
63	pn16	81	107	0,203
75	pn16	97	120	0,319
90	pn16	111	123	0,370
110	pn16	133	145	0,707
125	pn16	156	168	0,905
140	pn16	181	172	1,378
160	pn16	193	187	1,580

d	basınç (bar) pressure (bar)	D (mm)	L (mm)	kg
180	pn16	217	202	2,112
200	pn16	246	198	2,664
225	pn16	277	213	3,746
250	pn16	308	231	5,757
280	pn16	345	224	6,934
315	pn16	392	232	9,613
355	pn16	437	260	12,300
400	pn16	492	280	16,300
450	pn16	552	300	22,500
500	pn16	614	300	32,300
560	pn16	687	300	41,700
630	pn16	785	400	63,400
710	pn16	880	400	79,350

Elektrofüzyon | Electrofusion

Ef Dirsek 90° | Ef Elbow 90°

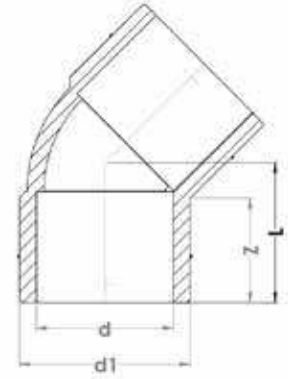
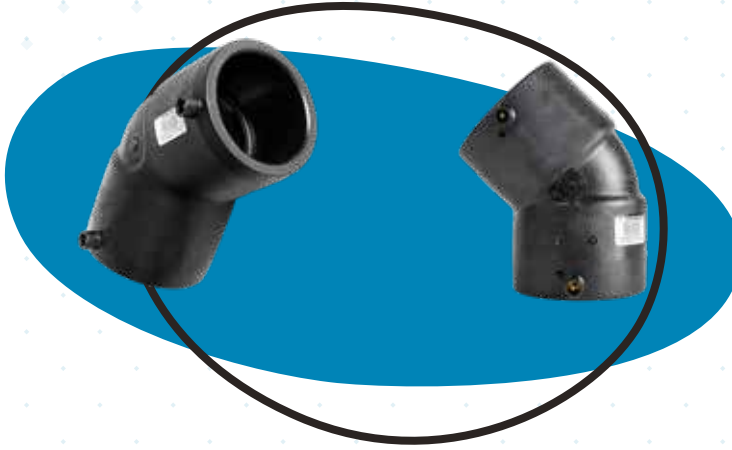
PE100 SDR11



d	basınç (bar) pressure (bar)	kg	L (mm)	Z (mm)
25	pn16	0,062	73	38
32	pn16	0,097	84	40
40	pn16	0,112	61	41
50	pn16	0,170	107	42
63	pn16	0,294	123	50
75	pn16	0,425	141	53
90	pn16	0,685	165	59
110	pn16	1,120	205	71
125	pn16	1,570	228	72
160	pn16	4,262	285	104
180	pn16	4,676	320	104

Elektrofüzyon | Electrofusion

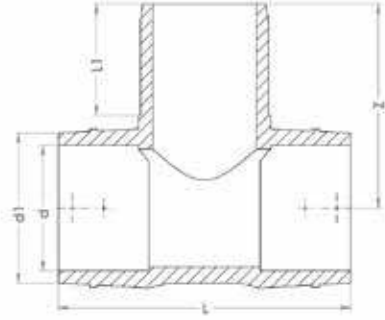
Ef Dirsek 45° | Ef Elbow 45°
PE100 SDR11



d	basınç (bar) pressure (bar)	kg	L (mm)	Z (mm)
32	pn16	0,080	95	39
40	pn16	0,100	108	42
50	pn16	0,134	124	45
63	pn16	0,250	137	50
75	pn16	0,427	165	62
90	pn16	0,765	192	82
110	pn16	0,894	213	75
125	pn16	1,220	240	81
160	pn16	2,674	320	105
180	pn16	3,266	320	105

Elektrofüzyon | Electrofusion

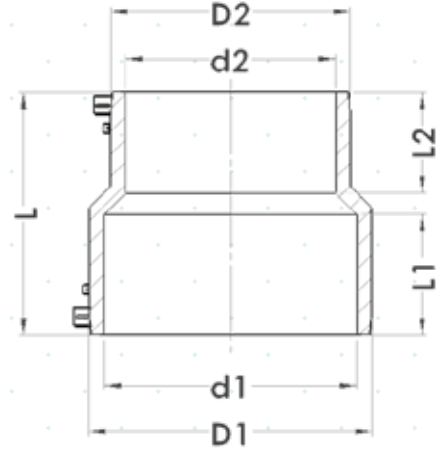
Ef Eşit Te | Ef Equal Tee
PE100 SDR11



d	basınç (bar) pressure (bar)	kg	L (mm)	L1 (mm)	Z (mm)
32	pn16	0,085	102	40	67
40	pn16	0,141	120	46	78
50	pn16	0,222	135	49	86
63	pn16	0,344	152	55	98
75	pn16	0,602	187	67	124
90	pn16	0,883	205	76	143
110	pn16	1,581	255	85	164
125	pn16	1,902	256	88	175
160	pn16	3,750	325	98	207
180	pn16	5,300	340	105	230

Elektrofüzyon | Electrofusion

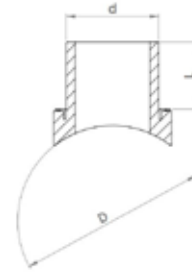
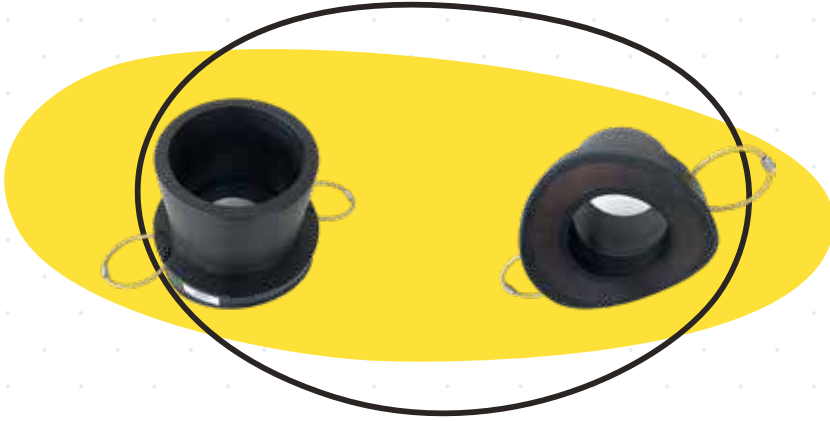
Ef Redüksiyon | Ef Reducer
PE100 SDR11



d1/d2	basınç (bar) pressure (bar)	kg	L (mm)	L1 (mm)	L2 (mm)
25/20	pn16	0,035	77	38	36
32/20	pn16	0,048	77	40	36
32/25	pn16	0,052	77	39	37
40/32	pn16	0,104	91	46	43
50/32	pn16	0,087	91	46	40
50/40	pn16	0,092	91	46	42
63/32	pn16	0,130	102	52	44
63/40	pn16	0,103	102	52	45
63/50	pn16	0,138	102	52	48
90/63	pn16	0,300	123	62	55
110/63	pn16	0,540	158	71	53
110/90	pn16	0,535	138	71	63
125/90	pn16	0,700	145	75	62
180/125	pn16	2,090	221	115	90

Elektrofüzyon | Electrofusion

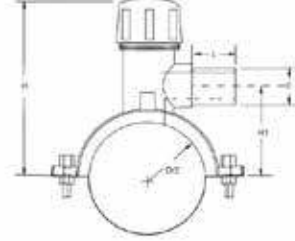
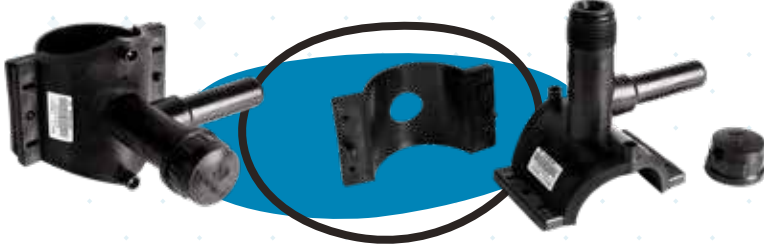
Ef Semer | Ef Saddle
PE100 SDR11



d	basınç (bar) pressure (bar)	D (mm)	L (mm)	kg
75	pn16	160-1200	80	0,400
90	pn16	160-1200	90	0,500
110	pn16	160-1200	95	0,820
125	pn16	160-1200	100	0,980
140	pn16	225-1200	105	1,445
160	pn16	225-1200	110	1,800
180	pn16	225-1200	115	2,000
200	pn16	250-1200	125	3,150
225	pn16	250-1200	130	3,950

Elektrofüzyon | Electrofusion

Ef Servis Te | Ef Tapping Saddle
PE100 SDR11

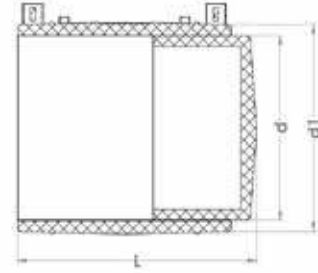


D/d	basiñç (bar) pressure (bar)	kg	H (mm)	H1 (mm)	L (mm)
63/20	pn16	0,510	167	78	47
63/25	pn16	0,512	167	80	47
63/32	pn16	0,513	167	80	67
63/40	pn16	0,515	167	88	67
75/20	pn16	0,836	210	82	47
75/25	pn16	0,842	210	85	44
75/32	pn16	0,848	210	85	49
75/40	pn16	0,856	210	83	69
75/50	pn16	0,870	210	85	72
75/63	pn16	0,898	210	85	74
90/20	pn16	0,655	194	84	89
90/25	pn16	0,675	194	82	89
90/32	pn16	0,695	194	78	91
90/40	pn16	0,710	194	74	93
90/50	pn16	0,962	223	113	66
90/63	pn16	0,862	210	94	75
110/20	pn16	0,795	208	98	90
110/25	pn16	0,810	208	96	90
110/32	pn16	0,829	208	92	92
110/40	pn16	0,845	208	88	93
110/50	pn16	1,010	223	106	68
110/63	pn16	1,060	223	106	74
125/20	pn16	1,100	230	112	44
125/25	pn16	1,120	230	112	58
125/32	pn16	1,150	230	112	58
125/40	pn16	1,180	230	112	68
125/50	pn16	1,190	230	112	68
125/63	pn16	1,210	230	112	74
140/20	pn16	1,100	230	115	44
140/25	pn16	1,120	230	115	58
140/32	pn16	1,150	230	115	58
140/40	pn16	1,180	230	115	68
140/50	pn16	1,190	230	115	68
140/63	pn16	1,210	230	115	74
160/20	pn16	1,283	220	124	63
160/25	pn16	1,260	220	124	74
160/32	pn16	1,172	220	127	80
160/40	pn16	1,180	220	128	78

D/d	basiñç (bar) pressure (bar)	kg	H (mm)	H1 (mm)	L (mm)
160/50	pn16	1,350	255	132	73
160/63	pn16	1,410	255	134	75
180/20	pn16	1,160	270	139	65
180/25	pn16	1,171	270	139	76
180/32	pn16	1,180	270	139	84
180/40	pn16	1,190	270	139	92
180/50	pn16	1,219	270	139	100
180/63	pn16	1,260	270	139	103
200/20	pn16	1,181	227	100	64
200/25	pn16	1,190	227	100	75
200/32	pn16	1,200	227	100	84
200/40	pn16	1,205	227	100	93
200/50	pn16	1,229	227	100	102
200/63	pn16	1,275	227	100	102
225/20	pn16	1,167	206	107	45
225/25	pn16	1,168	206	107	45
225/32	pn16	1,170	206	107	62
225/40	pn16	1,195	206	107	65
225/50	pn16	1,302	237	129	66
225/63	pn16	1,328	237	129	75
250/20	pn16	1,250	230	102	64
250/25	pn16	1,270	230	102	75
250/32	pn16	1,290	230	102	84
250/40	pn16	1,320	230	102	93
250/50	pn16	1,330	230	102	102
250/63	pn16	1,350	230	102	102
280/20	pn16	1,270	230	105	64
280/25	pn16	1,290	230	105	75
280/32	pn16	1,310	230	105	84
280/40	pn16	1,320	230	105	93
280/50	pn16	1,380	230	105	102
280/63	pn16	1,400	230	105	102
315/20	pn16	1,280	230	103	64
315/25	pn16	1,300	230	103	75
315/32	pn16	1,310	230	103	84
315/40	pn16	1,320	230	103	93
315/50	pn16	1,350	230	103	102
315/63	pn16	1,380	230	103	102

Elektrofüzyon | Electrofusion

Ef Kep | Ef End Cap
PE100 SDR11



d	basınç (bar) pressure (bar)	kg	L (mm)
20	pn16	0,044	75
25	pn16	0,075	86
32	pn16	0,082	98
40	pn16	0,131	105
50	pn16	0,204	115
63	pn16	0,278	120
75	pn16	0,443	132
90	pn16	0,602	140
110	pn16	1,096	157
125	pn16	1,395	180
140	pn16	1,990	184
160	pn16	2,631	202
180	pn16	3,344	220
200	pn16	4,261	220



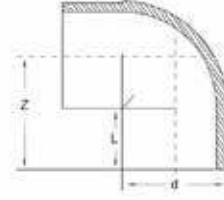


ENJEKSIYON INJECTION



Enjeksiyon | Injection

Dirsek 90° | Spigot Elbow 90°
PE100 SDR11-SDR17

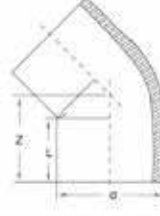


d	basınç (bar) pressure (bar)	kg	L (mm)	Z (mm)
20	pn16	0,022	50	70
25	pn16	0,033	52	75
32	pn16	0,046	54	80
40	pn16	0,082	55	85
50	pn16	0,133	60	105
63	pn16	0,282	65	110
75	pn16	0,363	70	120
90	pn16	0,722	80	150
110	pn16	1,128	88	152
125	pn16	1,631	94	170
140	pn16	1,850	97	170
160	pn16	2,909	113	200
180	pn16	3,545	110	200
	pn10	2,708		
200	pn16	5,172	117	215
	pn10	3,803		
225	pn16	7,391	122	230
	pn10	5,242		
250	pn16	8,740	130	292
	pn10	6,780		
280	pn16	12,300	139	320
	pn10	9,200		
315	pn16	17,500	143	300
	pn10	13,500		

Enjeksiyon | Injection

Dirsek 45° | Spigot Elbow 45°

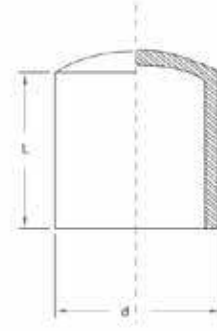
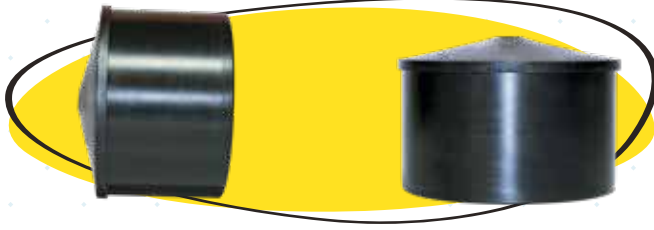
PE100 SDR11-SDR17



d	basınç (bar) pressure (bar)	kg	L (mm)	Z (mm)
20	pn16	0,020	52	70
25	pn16	0,030	52	75
32	pn16	0,043	54	78
40	pn16	0,080	57	85
50	pn16	0,120	63	90
63	pn16	0,210	63	95
75	pn16	0,338	70	105
90	pn16	0,546	81	120
110	pn16	0,926	95	135
125	pn16	1,190	90	135
140	pn16	1,414	98	140
160	pn16	2,279	103	165
180	pn16	2,960	107	170
	pn10	2,160		
200	pn16	4,000	116	186
	pn10	3,650		
225	pn16	5,320	123	200
	pn10	3,940		
250	pn16	7,200	130	220
	pn10	5,260		
280	pn16	9,800	139	230
	pn10	7,200		
315	pn16	12,800	150	250
	pn10	9,700		

Enjeksiyon | Injection

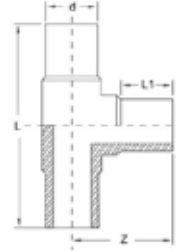
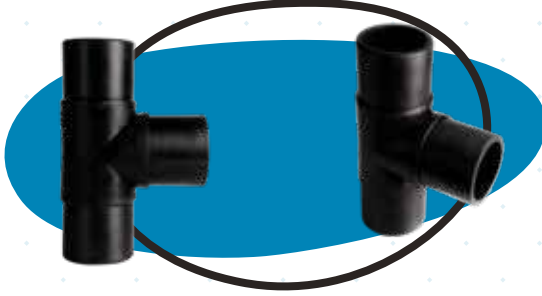
Kep | Spigot End Cap
PE100 SDR11



d	basınç (bar) pressure (bar)	kg	L (mm)
20	pn16	0,010	44
25	pn16	0,012	45
32	pn16	0,015	44
40	pn16	0,025	48
50	pn16	0,051	57
63	pn16	0,075	58
75	pn16	0,124	63
90	pn16	0,232	77
110	pn16	0,389	90
125	pn16	0,490	91
140	pn16	0,612	85
160	pn16	1,051	115
180	pn16	1,232	110
200	pn16	1,597	116
225	pn16	2,195	125
250	pn16	3,000	130
280	pn16	4,200	139
315	pn16	6,000	150

Enjeksiyon | Injection

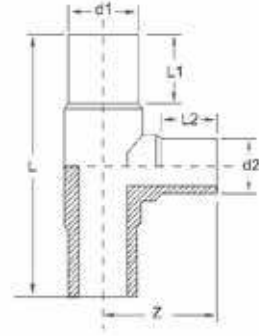
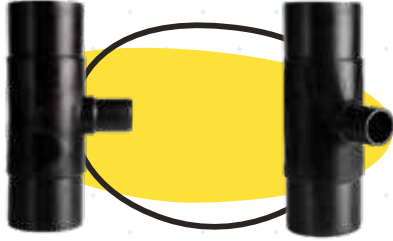
Eşit Te | Spigot Equal Tee
PE100 SDR11-SDR17



d	basınç (bar) pressure (bar)	kg	L (mm)	L1 (mm)	Z (mm)
20	pn16	0,034	148	52	80
25	pn16	0,047	156	52	85
32	pn16	0,063	144	44	72
40	pn16	0,113	165	50	84
50	pn16	0,196	196	55	96
63	pn16	0,388	210	56	105
75	pn16	0,590	244	63	123
90	pn16	0,825	283	81	140
110	pn16	1,642	333	87	164
125	pn16	2,270	366	89	180
140	pn16	3,130	404	93	188
160	pn16	4,066	425	102	210
180	pn16	5,369	460	110	227
200	pn16	6,633	470	116	238
	pn10	4,777			
225	pn16	9,700	520	125	259
	pn10	7,244			
250	pn16	11,700	560	130	280
	pn10	8,900			
280	pn16	15,500	616	139	308
	pn10	11,700			
315	pn16	21,900	690	150	345
	pn10	15,500			

Enjeksiyon | Injection

İnegal Te | Spigot Reduced Tee
PE100 SDR11-SDR17

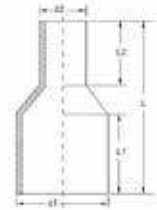


d1/d2	basinç (bar) pressure (bar)	kg	L (mm)	L1 (mm)	L2 (mm)	Z (mm)
50/32	pn16	0,210	210	63	54	97
63/32	pn16	0,280	210	56	54	97
63/40	pn16	0,310	210	56	55	101
63/50	pn16	0,342	210	56	56	103
75/32	pn16	0,430	244	63	54	112
75/50	pn16	0,495	244	63	57	116
75/63	pn16	0,555	244	63	64	125
90/32	pn16	0,705	283	81	54	110
90/50	pn16	0,750	283	81	58	117
90/63	pn16	0,785	283	81	61	120
90/75	pn16	0,800	283	81	65	125
110/32	pn16	1,295	333	87	54	138
110/50	pn16	1,379	333	87	64	150
110/63	pn16	1,400	333	87	69	152
110/75	pn16	1,441	333	87	78	160
110/90	pn16	1,494	333	87	78	157
125/32	pn16	1,789	366	89	54	137
125/63	pn16	1,909	366	89	62	147
125/75	pn16	1,947	366	89	68	151
125/90	pn16	2,049	366	89	78	152
125/110	pn16	2,209	366	89	93	177
140/63	pn16	2,549	404	93	65	159
140/75	pn16	2,630	404	93	71	163
140/90	pn16	2,712	404	93	81	172
140/110	pn16	2,821	404	93	89	181
140/125	pn16	2,911	404	93	92	185
160/32	pn16	3,164	425	102	54	165
160/63	pn16	3,395	425	102	67	180
160/75	pn16	3,472	425	102	75	182
160/90	pn16	3,556	425	102	84	190
160/110	pn16	3,635	425	102	85	195
160/125	pn16	3,660	425	102	81	182
160/140	pn16	3,830	425	102	94	207
180/90	pn16	4,596	460	110	79	197
180/110	pn16	4,679	460	110	95	212
180/125	pn16	4,748	460	110	93	213
180/140	pn16	4,804	460	110	93	212
180/160	pn16	4,964	460	110	102	218

d1/d2	basinç (bar) pressure (bar)	kg	L (mm)	L1 (mm)	L2 (mm)	Z (mm)
200/90	pn16	5,659	470	116	85	217
	pn10	4,126	470	116		
200/110	pn16	5,724	470	116	91	224
	pn10	4,215	470	116		
200/160	pn16	6,092	470	116	96	230
	pn10	4,428	470	116		
200/180	pn16	6,371	470	116	106	235
	pn10	4,615	470	116		
225/110	pn16	8,439	520	125	96	242
	pn10	6,403	520	125		
225/125	pn16	8,419	520	125	94	236
	pn10	6,380	520	125		
225/160	pn16	8,780	520	125	107	256
	pn10	6,704	520	125		
225/200	pn16	9,233	520	125	119	263
	pn10	7,004	520	125		
250/110	pn16	8,650	560	130	82	242
	pn10	6,500	560	130		
250/160	pn16	9,540	560	130	98	242
	pn10	7,060	560	130		
250/200	pn16	10,350	560	130	112	261
	pn10	7,540	560	130		
280/110	pn16	13,300	616	139	82	261
	pn10	10,340	616	139		
280/160	pn16	13,680	616	139	98	261
	pn10	10,440	616	139		
280/200	pn16	14,440	616	139	112	280
	pn10	10,540	616	139		
315/110	pn16	18,480	680	150	82	295
	pn10	13,900	680	150		
315/160	pn16	18,600	680	150	98	295
	pn10	13,800	680	150		
315/200	pn16	19,660	680	150	112	315
	pn10	13,820	680	150		
315/250	pn16	18,950	680	150	129	315
	pn10	14,000	680	150		

Enjeksiyon | Injection

Redüksiyon | Spigot Reducer PE100 SDR11-SDR17

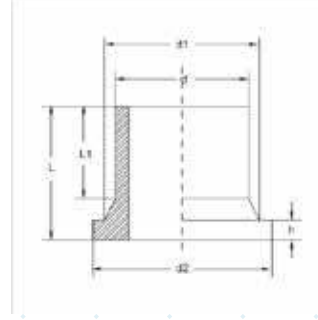
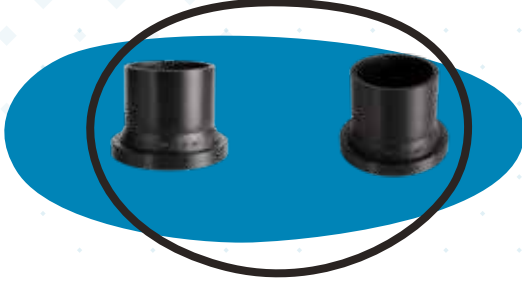


d1/d2	basinç (bar) pressure (bar)	kg	L (mm)	L1 (mm)	L2 (mm)
25/20	pn16	0,017	93	43	45
32/20	pn16	0,022	96	45	41
32/25	pn16	0,023	96	45	44
40/25	pn16	0,037	110	55	42
40/32	pn16	0,037	105	55	42
50/25	pn16	0,063	122	57	43
50/32	pn16	0,062	115	57	41
50/40	pn16	0,070	119	58	51
63/32	pn16	0,088	127	61	39
63/40	pn16	0,103	131	56	44
63/50	pn16	0,116	133	57	51
75/40	pn16	0,159	131	73	44
75/50	pn16	0,172	137	74	50
75/63	pn16	0,197	141	73	60
90/32	pn16	0,260	170	82	45
90/40	pn16	0,268	170	82	50
90/50	pn16	0,276	167	82	55
90/63	pn16	0,301	165	82	63
90/75	pn16	0,314	162	82	70
110/32	pn16	0,414	181	95	44
110/63	pn16	0,446	186	96	64
110/75	pn16	0,473	182	95	66
110/90	pn16	0,557	195	93	85
125/63	pn16	0,642	207	102	64
125/75	pn16	0,718	212	103	78
125/90	pn16	0,715	203	102	75
125/110	pn16	0,794	201	101	86
140/90	pn16	0,821	212	102	78
140/110	pn16	0,893	210	104	80
140/125	pn16	1,044	211	100	91
160/63	pn16	1,125	238	122	64
160/90	pn16	1,160	228	111	76
160/110	pn16	1,324	248	121	90
160/125	pn16	1,404	251	122	95
160/140	pn16	1,379	230	120	94
180/110	pn16	1,607	255	110	88
180/125	pn16	1,767	255	112	88
180/140	pn16	1,789	251	111	85
180/160	pn16	2,122	260	113	105
200/90	pn16	1,945	275	130	90
200/110	pn16	2,272	289	131	89
200/125	pn16	2,275	285	132	97
200/140	pn16	2,217	265	132	101

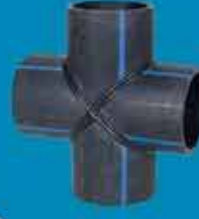
d1/d2	basinç (bar) pressure (bar)	kg	L (mm)	L1 (mm)	L2 (mm)
200/160	pn16	2,515	276	134	112
200/180	pn16	2,697	266	135	104
225/90	pn16	2,415	296	139	105
225/110	pn16	2,772	302	134	108
225/125	pn16	2,968	315	136	123
225/140	pn16	2,968	299	138	110
225/160	pn16	3,339	309	137	120
225/180	pn16	3,486	304	138	121
225/200	pn16	3,633	289	138	133
250/160	pn16	3,774	314	130	101
250/180	pn16	3,914	300	130	105
250/200	pn16	3,891	290	130	112
250/225	pn16	4,167	276	131	123
280/160	pn16	5,099	348	141	100
280/200	pn16	5,263	328	141	115
280/225	pn16	5,303	310	141	120
280/250	pn16	5,410	294	142	130
315/160	pn16	4,507	335,000	157,000	103,000
	pn10	4,260			
315/200	pn16	4,516	330,000	157,000	115,000
	pn10	4,700			
315/225	pn16	4,700	323,000	157,000	122,000
	pn10	4,800			
315/250	pn16	4,757	315,000	156,000	130,000
	pn10	5,000			
315/280	pn16	5,000	314,000	159,000	139,000
	pn10	6,300			
355/200	pn16	8,400	366,000	155,000	119,000
	pn10	7,000			
355/250	pn16	8,900	367,000	155,000	119,000
	pn10	7,500			
355/280	pn16	9,230	366,000	155,000	139,000
	pn10	7,850			
355/315	pn16	14,000	390,000	164,000	130,000
	pn10	11,200			
400/200	pn16	9,800	390,000	142,000	120,000
	pn10	7,500			
400/250	pn16	10,700	390,000	144,000	125,000
	pn10	7,620			
400/280	pn16	11,250	390,000	145,000	139,000
	pn10	7,800			
400/315	pn16	12,360	390,000	145,000	130,000
	pn10	8,080			

Enjeksiyon | Injection

Flanş Adaptörü | Flange Adaptor
PE100 SDR11-SDR17



d	basınç (bar) pressure (bar)	kg	L (mm)	L1 (mm)	d1	d2	h (mm)
20	pn16	0,026	89	64	27	45	7
25	pn16	0,038	86	65	33	58	9
32	pn16	0,050	80	54	42	68	10
40	pn16	0,089	79	39	52	79	11
50	pn16	0,129	84	41	62	88	13
63	pn16	0,194	100	63	72	102	14
75	pn16	0,325	122	84	85	122	16
90	pn16	0,475	133	90	108	138	17
	pn10	0,372					
110	pn16	0,664	138	98	126	155	18
	pn10	0,520					
125	pn16	0,843	148	89	132	158	25
	pn10	0,661					
140	pn16	1,174	156	100	152	188	25
	pn10	0,921					
160	pn16	1,553	158	106	176	209	25
	pn10	1,219					
180	pn16	1,811	173	124	180	209	30
	pn10	1,154					
200	pn16	2,645	180	118	222	267	32
	pn10	2,473					
225	pn16	3,194	190	138	225	269	32
	pn10	2,202					
250	pn16	4,713	208	140	268	320	35
	pn10	3,591					
280	pn16	5,263	215	156	280	320	35
	pn10	3,845					
315	pn16	7,600	247	174	335	370	35
	pn10	5,464					
355	pn16	8,500	258	165	373	430	40
	pn10	6,350					
400	pn16	11,600	285	182	427	482	46
	pn10	9,000					
450	pn16	17,500	250	150	460	535	60
	pn10	12,500					
500	pn16	21,000	270	170	530	585	60
	pn10	15,200					
560	pn16	32,000	280	180	598	685	60
	pn10	23,000					
630	pn16	37,300	270	170	642	685	60
	pn10	26,000					

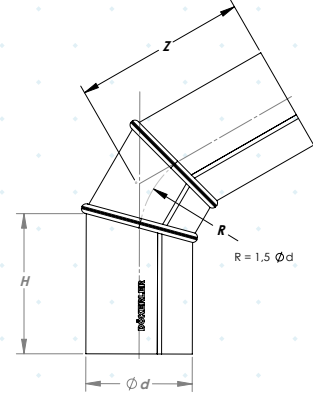


KONFEKSİYON FABRICATED



KONFEKSİYON | FABRICATED

PE100 Konfeksiyon Dirsek 45° | PE100 Fabricated Elbow 45°

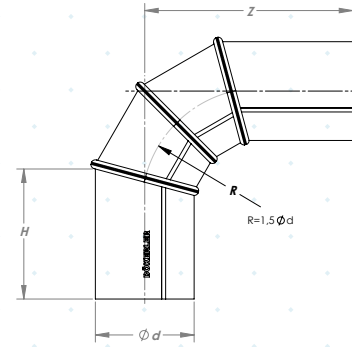
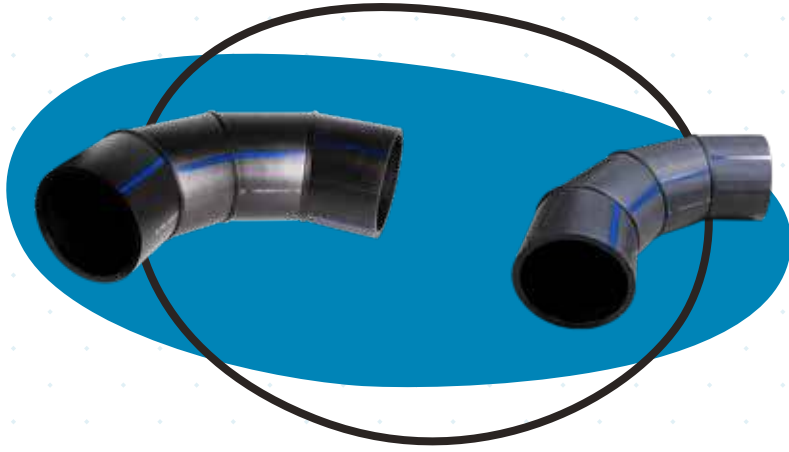


SDR 27,6 (PN 6) /SDR 17 (PN 10) /SDR 11 (PN 16) /SDR 9 (PN 20) /SDR 7,4 (PN25)

d mm	kg (pn10)	kg (pn16)	H mm	Z mm	R mm
250	7,200	10,600	200	349	375
280	9,200	13,600	200	367	420
315	11,900	17,400	300	488	473
355	15,500	22,800	300	512	533
400	24,000	35,600	300	539	600
450	36,500	53,900	300	569	675
500	46,000	67,800	300	599	750
560	59,200	87,500	350	684	840
630	76,400	102,000	350	720	945
710	100,500	148,000	350	646	1065
800	131,000		350	683	1200
900	195,000		400	774	1350
1000	335,000		400	816	1500
1200			400	899	1800

KONFEKSİYON | FABRICATED

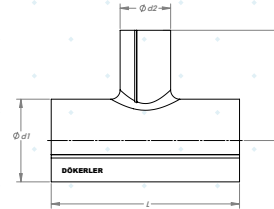
PE100 Konfeksiyon Dirsek 90° | PE100 Fabricated Elbow 90°



SDR 27,6 (PN 6) /SDR 17 (PN 10) /SDR 11 (PN 16) /SDR 9 (PN 20) /SDR 7,4 (PN25)					
d mm	kg (pn10)	kg (pn16)	H mm	Z mm	R mm
250	10,000	14,600	200	508	375
280	12,800	18,700	200	545	420
315	16,800	24,600	300	688	478
355	21,900	32,000	300	737	533
400	35,000	51,000	300	792	600
450	52,000	77,000	300	854	675
500	66,000	97,000	300	916	750
560	85,000	125,000	350	1030	840
630	112,000	164,000	350	1120	945
710	147,000	217,000	350	1200	1065
800	196,000		350	1306	1200
900	310,000		400	1475	1350
1000	480,000		400	1595	1500
1200			400	1834	1800

KONFEKSİYON | FABRICATED

PE100 Konfeksiyon İnegal Te | PE100 Fabricated Reduced Tee



SDR 27,6 (PN 6) /SDR 17 (PN 10) /SDR 11
(PN 16) /SDR 9 (PN 20) /SDR 7,4 (PN25)

d1 mm	d2 mm	kg (pn10)	kg (pn16)	L mm	Z mm
250	50	5,23	7,75	450	280
250	63	5,36	7,75	460	280
250	75	5,55	8,02	475	280
250	90	5,92	8,47	490	280
250	110	6,05	8,89	510	280
250	125	6,34	9,33	525	280
250	140	6,64	9,77	540	280
250	160	7,07	10,41	560	280
250	180	7,53	11,09	580	280
250	200	8,01	11,80	600	300
250	225	14,50	21,00	650	380
280	50	6,24	9,11	450	290
280	63	6,46	9,43	465	290
280	75	6,84	9,97	475	290
280	90	7,24	10,48	490	290
280	110	7,43	10,98	510	290
280	125	7,75	11,48	525	290
280	140	8,10	11,98	540	290
280	160	8,58	12,71	560	290
280	180	9,10	13,46	580	290
280	200	9,63	14,26	600	320
280	225	10,50	15,50	625	320
280	250	18,50	27,00	650	390
315	50	7,76	11,29	450	283
315	63	8,13	11,82	465	310
315	75	8,51	12,36	475	315
315	90	9,05	13,07	490	310
315	110	9,31	13,69	510	310
315	125	9,70	14,26	525	310
315	140	10,10	14,84	540	310
315	160	10,65	15,68	560	310
315	180	11,50	16,60	580	310
315	200	12,00	17,50	600	340
315	225	13,00	19,00	625	340

SDR 27,6 (PN 6) /SDR 17 (PN 10) /SDR 11
(PN 16) /SDR 9 (PN 20) /SDR 7,4 (PN25)

d1 mm	d2 mm	kg (pn10)	kg (pn16)	L mm	Z mm
315	250	13,50	20,00	650	340
315	280	27,00	39,50	700	450
355	50	9,78	14,25	450	330
355	63	10,24	14,92	465	330
355	75	10,72	15,60	475	330
355	90	11,36	16,45	490	330
355	110	11,71	17,21	510	330
355	125	12,00	18,00	525	330
355	140	12,63	18,50	540	330
355	160	13,50	19,50	560	330
355	180	14,00	20,50	580	330
355	200	15,00	21,58	600	350
355	225	15,60	23,00	625	350
355	250	16,57	24,50	650	380
355	280	17,77	26,16	680	380
355	315	35,50	52,00	770	660
400	50	12,88	18,86	450	350
400	63	13,32	19,50	465	350
400	75	13,77	20,15	480	350
400	90	14,39	20,97	495	350
400	110	14,72	21,69	510	350
400	125	15,26	22,50	525	350
400	140	15,82	23,32	540	350
400	160	16,60	24,50	560	350
400	180	17,50	26,00	580	350
400	200	18,50	27,00	600	380
400	225	19,50	28,50	625	380
400	250	20,50	30,00	650	400
400	280	22,00	32,50	680	400
400	315	24,00	35,00	720	400
400	355	46,50	68,50	760	400
450	50	16,00	24,00	450	380
450	63	17,00	25,00	465	380
450	75	17,50	25,50	480	380

PE100 Konfeksiyon İnegal Te | PE100 Fabricated Reduced Tee

SDR 27,6 (PN 6) /SDR 17 (PN 10) /SDR 11 (PN 16) /SDR 9 (PN 20) /SDR 7,4 (PN25)

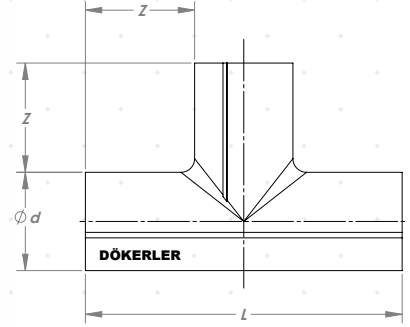
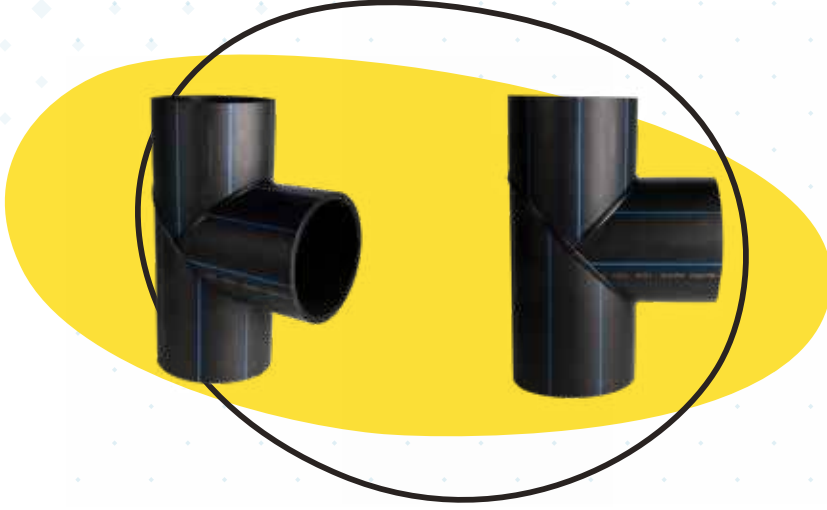
d1 mm	d2 mm	kg (pn10)	kg (pn16)	L mm	Z mm
450	90	18,00	26,50	495	380
450	110	18,50	27,50	510	380
450	125	19,50	28,50	525	380
450	140	20,00	29,50	540	380
450	160	21,00	31,00	560	380
450	180	22,00	32,00	580	380
450	200	23,00	33,50	600	390
450	225	24,00	35,50	625	425
450	250	25,50	37,50	650	425
450	280	27,00	40,00	680	425
450	315	29,00	42,50	715	425
450	355	35,00	51,50	860	425
450	400	61,50	91,00	1000	580
500	50	20,00	29,50	450	400
500	63	21,00	30,50	465	400
500	75	21,50	31,50	480	400
500	90	22,50	32,50	490	400
500	110	23,00	33,50	510	400
500	125	23,50	35,00	525	400
500	140	24,50	36,00	540	400
500	160	25,50	37,50	560	400
500	180	26,50	39,00	580	400
500	200	28,00	41,00	600	450
500	225	29,50	43,00	625	450
500	250	31,00	45,50	650	450
500	280	32,50	48,00	680	450
500	315	35,00	51,50	715	450
500	355	42,00	62,00	860	450
500	400	45,00	66,50	900	450
500	450	55,50	87,00	1060	600
560	50	25,00	37,00	450	480
560	63	26,00	38,00	465	480
560	75	27,00	39,50	480	480
560	90	27,50	40,50	490	480
560	110	28,50	42,00	510	480
560	125	29,50	43,00	525	480
560	140	30,50	44,50	540	480
560	160	32,00	46,50	560	480
560	180	33,00	48,00	580	480
560	200	34,50	50,00	600	480
560	225	36,00	52,50	625	480
560	250	38,00	55,00	650	480
560	280	40,00	58,00	680	480
560	315	43,00	61,50	715	480
560	355	52,00	74,00	860	480
560	400	55,00	78,50	900	480
560	450	59,50	84,00	950	480
560	500	112,50	161,50	1160	480
630	63	33,00	48,50	470	470
630	75	34,00	49,50	480	470
630	90	34,50	50,50	490	470

SDR 27,6 (PN 6) /SDR 17 (PN 10) /SDR 11 (PN 16) /SDR 9 (PN 20) /SDR 7,4 (PN25)

d1 mm	d2 mm	kg (pn10)	kg (pn16)	L mm	Z mm
630	110	36,00	53,00	510	470
630	125	37,50	55,00	530	470
630	140	38,50	56,00	540	500
630	160	40,00	58,50	560	500
630	180	41,50	61,00	580	500
630	200	43,00	63,50	600	520
630	225	45,50	67,00	630	520
630	250	47,50	70,00	650	520
630	280	49,50	73,50	680	530
630	315	60,50	89,00	820	560
630	355	64,50	94,50	860	600
630	400	68,00	100,00	900	600
630	450	73,00	107,50	950	760
630	500	85,00	125,00	1100	560
630	560	150,00	220,00	1400	560
710	63	42,00	62,00	470	560
710	75	43,00	63,00	480	560
710	90	44,00	64,50	490	560
710	110	45,50	67,00	510	560
710	125	47,50	70,00	530	560
710	140	48,50	71,50	540	560
710	160	50,50	74,50	560	560
710	180	52,50	77,00	580	560
710	200	54,50	80,00	600	600
710	225	57,50	85,00	630	600
710	250	59,50	88,00	660	600
710	280	63,00	92,50	680	600
710	315	76,00	112,00	820	600
710	355	80,50	118,50	860	600
710	400	85,00	125,50	900	600
710	450	91,00	134,00	950	650
710	500	106,00	156,00	1100	650
710	560	113,00	170,00	1160	650
710	630	244,00	296,00	1320	950
800	90	55,50	91,50	490	600
800	110	58,00	96,00	510	600
800	125	60,00	98,00	530	600
800	140	61,50	100,00	540	600
800	160	64,00	103,00	560	600
800	180	66,50	106,50	580	600
800	200	69,00		600	600
800	225	72,50		630	600
800	250	75,00		650	650
800	280	79,00		680	650
800	315	95,50		820	650
800	355	101,00		860	650
800	400	106,50		900	650
800	450	113,50		1050	650
800	500	132,00		1100	700
800	560	141,00		1160	700
800	630	152,00		1230	700
800	710	270,00		1950	960

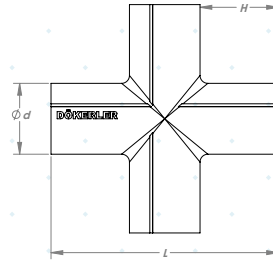
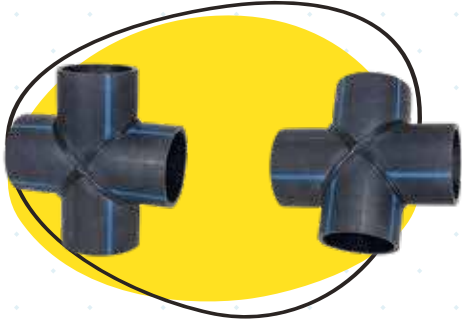
KONFEKSİYON | FABRICATED

PE100 Konfeksiyon Eşit Te | PE100 Fabricated Equal Tee



SDR 27,6 (PN 6) /SDR 17 (PN 10) /SDR 11 (PN 16) /SDR 9 (PN 20) /SDR 7,4 (PN25)				
d mm	kg (pn10)	kg (pn16)	Z mm	L mm
250	12,500	18,400	200	650
280	16,000	23,800	200	680
315	24,000	35,500	300	915
355	32,000	46,900	300	955
400	42,000	62,000	300	1000
450	56,000	82,700	300	1050
500	78,900	116,000	300	1100
560	103,600	152,800	350	1260
630	139,000	204,000	350	1330
710	193,900	286,000	400	1510
800	252,000		400	1600
900	317,000		400	1700
1000	429,000		400	1800
1200			500	2200
1400			500	2400
1600			500	2600

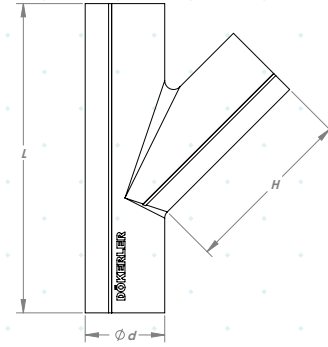
PE100 Konfeksiyon İstavroz Te | PE100 Fabricated Cross Tee



SDR 27,6 (PN 6) /SDR 17 (PN 10) /SDR 11 (PN 16) /SDR 9 (PN 20) /SDR 7,4 (PN25)				
d mm	kg (pn10)	kg (pn16)	H mm	L mm
90		1,200	80	264
110	1,300	1,920	90	280
125	2,220	2,510	90	368
140	2,580	2,950	95	390
160	4,160	6,140	103	418
180	5,480	8,080	105	580
200	7,050	10,400	115	600
225	9,470	13,890	118	625
250	16,500	24,300	200	650
280	21,400	31,700	200	680
315	32,000	47,000	300	915
355	42,500	62,500	300	955
400	56,000	83,000	300	1000
450	74,500	110,000	300	1050
500	105,500	155,000	300	1100
560	138,500	204,000	350	1260
630	185,000	272,000	350	1330
710			400	15010
800			400	1600
900			500	1900
1000			500	2000
1200			500	2200
1400			500	2400
1600			500	2600

KONFEKSİYON | FABRICATED

PE100 Konfeksiyon 45° Çatal | PE100 Fabricated 45° Tee



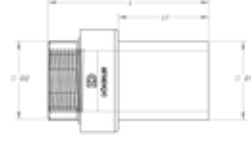
SDR 27,6 (PN 6) /SDR 17 (PN 10) /SDR 11 (PN 16) /SDR 9 (PN 20) /SDR 7,4 (PN25)				
d mm	kg (pn10)	kg (pn16)	H mm	L mm
90	1,300	1,860	400	700
110	1,930	2,790	400	700
125	2,560	3,790	300	550
140	3,350	4,910	350	600
160	4,610	6,800	350	600
180	6,120	9,030	400	700
200	8,980	13,270	400	700
225	11,970	17,550	450	850
250	17,120	25,210	550	1000
280	22,390	33,170	550	1000
315	32,630	48,000	600	1100
355	43,780	64,380	600	1100
400	88,630	86,700	800	1500
450	78,910	116,580	800	1500
500	103,410	152,290	1000	1900
560	137,990	203,460	1000	2000
630	187,450	275,000	1200	2300

GEÇİŞ ADAPTÖRLERİ & FLANŞ **TRANSITION ADAPTORS & FLANGE**



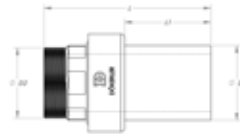
GEÇİŞ ADAPTÖRLERİ & FLANŞ | TRANSITION ADAPTORS & FLANGE

PE100 SDR11



Dişli Çelik Geçiş Adaptoru (Dişi)
Screwed Steel Transition Adaptor (Female)

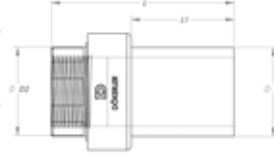
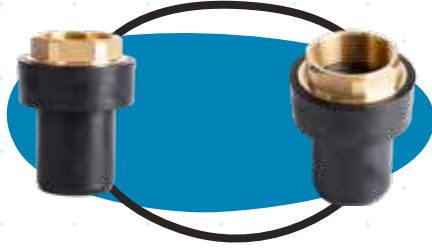
D1	D2	basınç (bar) pressure (bar)	kg	L (mm)	L1 (mm)
20	1/2"	pn16	0,135	106	50
25	3/4"	pn16	0,270	121	60
32	1"	pn16	0,320	129	65
40	1 1/4"	pn16	0,485	143	75
50	1 1/2"	pn16	0,790	159	80
63	2"	pn16	1,045	178	85
75	2 1/2"	pn16	1,690	195	95
90	3"	pn16	2,900	221	110
110	4"	pn16	3,200	234	120



Dişli Çelik Geçiş Adaptörü (Erkek)
Screwed Steel Transition Adaptor (Male)

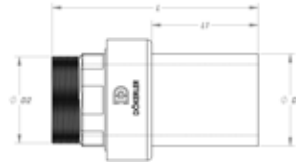
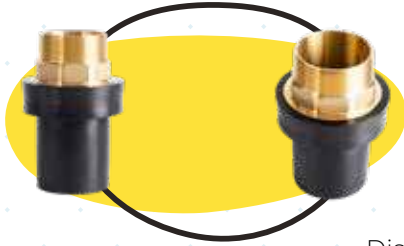
D1	D2	basınç (bar) pressure (bar)	kg	L (mm)	L1 (mm)
20	1/2"	pn16	0,226	141	60
25	3/4"	pn16	0,258	134	60
32	1"	pn16	0,412	164	84
40	1 1/4"	pn16	0,661	159	72
50	1 1/2"	pn16	0,831	159	70
63	2"	pn16	1,060	203	91
75	2 1/2"	pn16	1,944	210	100
90	3"	pn16	2,460	254	118
110	4"	pn16	4,680	270	125

GEÇİŞ ADAPTÖRLERİ & FLANŞ | TRANSITION ADAPTORS & FLANGE



Dişli Piring Geçiş Adaptörü (Dişi)
Screwed Brass Transition Adaptor (Female)

D1	D2	basınç (bar) pressure (bar)	kg	L (mm)	L1 (mm)
20	1/2"	pn16	0,055	70	41
25	3/4"	pn16	0,075	72	41
32	1"	pn16	0,166	84	44
40	1 1/4"	pn16	0,345	98	49
50	1 1/2"	pn16	0,395	101	55
63	2"	pn16	0,574	115	63
75	2 1/2"	pn16	0,835	129	70
90	3"	pn16	1,140	144	79
110	4"	pn16	1,750	147	82
125	4"	pn16	1,820	153	87



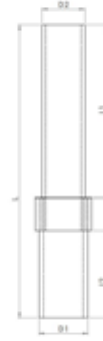
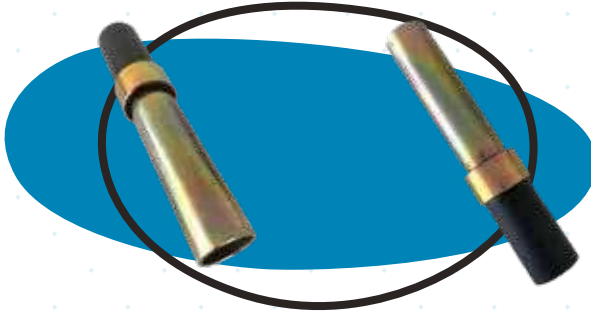
Dişli Piring Geçiş Adaptörü (Erkek)
Screwed Brass Transition Adaptor (Male)

D1	D2	basınç (bar) pressure (bar)	kg	L (mm)	L1 (mm)
20	1/2"	pn16	0,095	85	41
25	3/4"	pn16	0,140	89	43
32	1"	pn16	0,152	97	47
40	1 1/4"	pn16	0,384	114	46
50	1 1/2"	pn16	0,512	121	60
63	2"	pn16	0,690	140	63
75	2 1/2"	pn16	0,980	146	70
90	3"	pn16	1,430	168	79
110	4"	pn16	2,155	179	82
125	4"	pn16	2,295	186	87

GEÇİŞ ADAPTÖRLERİ & FLANŞ | TRANSITION ADAPTORS & FLANGE

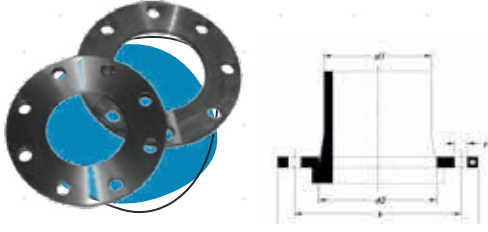
Kaynaklı Çelik Geçiş Adaptörü |
Weld End Steel Transition Adaptor

PE100 SDR11



D1	D2	basınç (bar) pressure (bar)	kg	L (mm)	L1 (mm)	L2 (mm)
20	½"	pn16	0,380	286	170	70
25	¾"	pn16	0,500	296	180	70
32	1"	pn16	0,640	296	180	70
40	1 ¼"	pn16	0,960	296	180	70
50	1 ½"	pn16	1,220	306	180	80
63	2"	pn16	1,670	345	180	110
75	2 ½"	pn16	3,250	355	180	110
90	3"	pn16	4,160	385	200	120
110	4"	pn16	6,860	445	210	150
125	4"	pn16	7,250	462	210	160
160	6"	pn16	14,000	522	230	180
180	6"	pn16	18,000	537	230	195
200	8"	pn16	40,000	610	280	200
225	8"	pn16	42,900	610	280	200
250	8"	pn16	48,000	620	280	200
250	10"	pn16	48,000	620	280	200
280	10"	pn16	58,000	650	290	220
315	12"	pn16	65,000	670	300	220

GEÇİŞ ADAPTÖRLERİ & FLANŞ | TRANSITION ADAPTORS & FLANGE



Çelik Flanş (PE100 Flanş Adaptörü için)
Steel Flange (For PE100 Flange Adaptor)

ST37 / DIN2501
ISO7005 EN1092

DIN	PN 6								PN10						PN16					
	d1	d2	k	D	z	n	b	kg	k	D	z	n	b	kg	k	D	z	n	b	kg
	mm	mm	mm	mm	mm		mm		mm	mm	mm		mm		mm	mm	mm		mm	
15	20	28	55	80	11	4	12	0,39	65	95	14	4	14	0,65	65	95	14	4	14	0,65
20	25	34	65	90	11	4	14	0,59	75	105	14	4	16	0,95	75	105	14	4	16	0,95
25	32	42	75	100	11	4	14	0,75	85	115	14	4	16	1,14	85	115	14	4	16	1,14
32	40	51	90	120	14	4	14	1,05	100	140	18	4	16	1,69	100	140	18	4	16	1,69
40	50	62	100	130	14	4	14	1,18	110	150	18	4	16	1,86	110	150	18	4	16	1,86
50	63	78	110	140	14	4	14	1,34	125	165	18	4	18	2,53	125	165	18	4	18	2,53
65	75	92	130	160	14	4	14	1,67	145	185	18	4	18	3,06	145	185	18	4	18	3,06
80	90	108	150	190	18	4	16	2,71	160	200	18	8	20	3,70	160	200	18	8	20	3,73
100	110	128	170	210	18	4	16	3,24	180	220	18	8	20	4,62	180	220	18	8	20	4,63
100	125	135	170	210	18	8	16	3,24	180	220	18	8	20	4,62	180	220	18	8	20	4,63
125	140	158	200	240	18	8	18	4,49	210	250	18	8	22	6,30	210	250	18	8	22	6,30
150	160	178	225	285	18	8	18	5,15	240	285	23	8	22	7,75	240	285	23	8	22	7,76
150	180	188	225	265	18	8	18	5,15	240	285	23	8	22	7,75	240	285	23	8	22	7,76
200	200	235	255	320	18	8	20	7,78	295	340	23	8	24	11,30	295	340	23	12	24	11,30
200	225	238	280	320	18	12	20	7,78	295	340	23	8	24	11,30	295	340	23	12	24	11,30
250	250	288	335	275	18	12	22	10,80	350	390	23	12	26	14,70	355	405	27	12	26	15,60
250	280	294	335	375	18	12	22	10,80	350	395	23	12	26	14,70	355	405	27	12	26	15,60
300	315	338	395	440	22	12	22	14,00	400	445	23	12	26	17,60	410	465	27	12	28	22,00
350	355	376	445	490	22	12	22	16,10	460	505	30	16	26	21,40	470	520	27	16	30	28,70
400	400	430	495	540	22	16	22	18,30	515	565	30	16	26	26,10	525	580	30	16	32	36,30
450	450	517	550	645	22	20	24	24,60	620	670	30	20	28	34,70	650	715	33	20	34	59,30
500	500	533	600	645	22	20	24	24,60	620	670	30	20	28	34,70	650	715	33	20	34	59,30
600	560	618	705	755	26	20	24	31,50	725	780	30	20	28	42,20	770	840	36	20	36	73,40
600	630	645	705	755	26	20	24	31,50	725	780	30	20	28	42,20	770	840	36	20	36	73,40
700	710	740	810	860	26	24	24	37,40	840	895	30	24	30	58,70	840	910	39	24	36	75,00
800	800	843	920	975	30	24	24	46,10	950	1015	33	24	32	80,00	950	1025	39	24	38	99,00
900	900	947	1020	1075	30	24	26	57,60	1050	1115	33	28	34	65,60	1050	1125	39	28	40	119
1000	1000	1050	1120	1175	30	28	26	61,90	1160	1230	36	28	34	114	1170	1255	42	28	42	159
1200	1200	1260	1340	1405	33	32	28	100	1380	1455	39	32	38	182	1390	1485	48	32	48	243
1400	1400	1436	1560	1630	36	36	32	149	1590	1675	42	36	42	248	1590	1685	48	36	52	323
1600	1600	1640	1760	1830	36	40	34	180	1890	1915	48	40	46	347	1820	1930	52	40	58	479

KAYNAK MAKİNELERİ WELDING MACHINES



KAYNAK MAKİNELERİ | WELDING MACHINES

Elektrofüzyon Kaynak Makinesi | Electrofusion Welding Machine



TEKNİK BİLGİ / TECHNICAL DATA	TINY	TINY M
	Ø 20-630 mm	Ø 20-630 mm
Besleme Voltajı / Input Voltage	230VAC (185-300VAC)	230VAC (185-300VAC)
Besleme Amperajı / Input Current	16A (max:18A)	16A (max:18A)
Frekans / Frequency	40-70 Hz	40-70 Hz
Çıkış Voltajı / Output Voltage	8-48VAC	8-48VAC
Çıkış Amperajı / Output Current	110 A(max))	110 A(max)
Güç İhtiyacı / Power Consumption	3,6 kW	3,6 kW
Güç Faktörü / Power Factor	0,6-1	0,6-1
Jeneratör İhtiyacı / Requirement of Generator	5kW (mono faze)	5kW (mono faze)
Kaynak kapasitesi / Welding Capacity	max.. Ø 630 mm	max.. Ø 630 mm
Çalışma Sıcaklık Aralığı / Operating Temperature Range	-10; +50 °C	-10; +50 °C
Koruma sınıfı	IP54, Class I	IP54, Class I
Ağırlık / Weight	18kg	18kg
Besleme Kablo Uzunluğu /Main Supply Cable	4,5 m	4,5 m
Kaynak Kablo Uzunluğu / Welding Cable	4 m	4 m
Kaynak Uçları / Welding Terminals	4,0 mm	4,0 mm
Gösterge / Display	4x20	4x20
Ölçüleri / Dimension	330 x 290 x 290 mm	330 x 290 x 290 mm
CE Belgesi / CE Certification	O.K.	O.K.
ISO Belgesi / ISO Certification	ISO 9001:2008	ISO 9001:2008
Standartlar / Standards	ISO 12176-2; DVS2208	ISO 12176-2; DVS2208
	ISO 13950	ISO 13950
Kaynak Yapma Özelliği / Welding Input Features	Manuel	Barcode
		Manuel
		Numeric
Aksesuarlar / Accessories	Kaynak Ucu / Weld- ing Terminals	Kaynak Ucu / Weld- ing Terminals
	El Tipi Sıyrıcı / Scraper	El Tipi Sıyrıcı / Scraper
Garanti / Warranty	2 Yıl / 2 Years	2 Yıl / 2 Years
Menşei / Origin	Almanya / Germany	Almanya / Germany

[illegible]





İLETİŞİM BİLGİLERİ / CONTACT



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