

Euphoria[®]

"quality at plastic pipe"

INFRASTRUCTURE PIPES

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PVC-U PRESSURE PIPE SYSTEMS

*PVC-U BASINÇLI
TEMİZ SU BORU
VE EK PARÇALARI*



TS EN ISO 9001:2000

Manufactures PVC-U pressure pipes for potable water systems between Ø20-Ø1000 mm sizes.

PVC-U PRESSURIZED POTABLE WATER PIPES

Manufactures PVC-U pressure pipes between Ø20-Ø1000 mm

PVC-U SOCKET JOINT PIPES

PVC-U SOLVENT CEMENT JOINT PIPES

PVC-U PRESSURIZED FITTINGS

PVC-U Fittings for pressurized pipe systems are manufactured by injection and fabrication methods.

Bugün PVC-U borular için üretim kapasitesini Ø1000 mm dış çapa kadar yükseltmiştir.

PVC-U BASINÇLI SU BORULARI

PVC-U basınçlı temiz su boruları ekstrüzyon yöntemi ile üretilirken, bu borular ile birlikte kullanılan ek parçalar enjeksiyon ve konfeksiyon yöntemleri ile üretilmektedir. Ege Yıldız PVC-U basınçlı temiz su boruları TS EN ISO 1452-2 ek parçaları ise TS EN ISO 1452-3 standartına uygun olarak üretilmektedir.

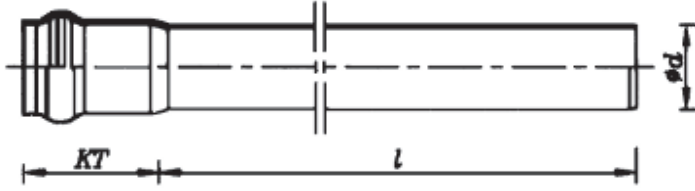


PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

PVC-U PIPE (Socket Joint) PVC-U BORU (Geçme Mufu)

Труба ПВХ напорное водоснабжение с раструбным соединением под резиновое кольцо

انابيب ضغط يو - بی - فی - سی



Infrastructure Group / Altyapı Grubu

Size(d) (mm)	Bell length (KT)(mm)	Net length(L) (mm)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)
Çap(d) (mm)	Muf Boyu (KT)(mm)	Faydalı Boy(L) (mm)	Ürün Kodu	Et Kalınlığı (mm)	Mufu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Mufu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Mufu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Mufu Ağırlık (kg/m)
Nominal Pressure calculated using C=2,5 safety factor/Emniyet Katsayısı C=2,5 alınarak belirlenmiş anma basınçları. PN														
PN	*4 Bar / * 4 Atü		*6 Bar / * 6 Atü		*10 Bar / * 10 Atü		*16 Bar / * 16 Atü							
50	80	6000				01001050 06	1,5	0,369	01001050 10	2,4	0,552	01001050 16	3,7	0,821
63	105	6000				01001063 06	1,9	0,578	01001063 10	3,0	0,879	01001063 16	4,7	1,317
75	120	6000	01001075 04	1,8	0,640	01001075 06	2,2	0,792	01001075 10	3,6	1,251	01001075 16	5,6	1,872
90	130	6000	01001090 04	1,8	0,772	01001090 06	2,7	1,160	01001090 10	4,3	1,803	01001090 16	6,7	2,693
Nominal Pressure calculated using C=2,0 safety factor/Emniyet Katsayısı C=2,0 alınarak belirlenmiş anma basınçları. PN														
PN	*4 Bar / * 4 Atü		*6 Bar / * 6 Atü		*10 Bar / * 10 Atü		*16 Bar / * 16 Atü							
110	130	6000	01001110 04	2,2	1,152	01001110AT 06	2,7	1,436	01001110AT 10	4,2	2,193	01001110AT 16	6,6	3,318
125	130	6000	01001125 04	2,5	1,469	01001125AT 06	3,1	1,868	01001125AT 10	4,8	2,826	01001125AT 16	7,4	4,235
140	155	6000	01001140 04	2,8	1,841	01001140AT 06	3,5	2,362	01001140AT 10	5,4	3,575	01001140AT 16	8,3	5,330
160	165	6000	01001160 04	3,2	2,399	01001160AT 06	4,0	3,080	01001160AT 10	6,2	4,691	01001160AT 16	9,5	6,965
200	185	6000	01001200 04	4,0	3,782	01001200AT 06	4,9	4,722	01001200AT 10	7,7	7,270	01001200AT 16	11,9	10,914
225	195	6000	01001225 04	4,5	4,776	01001225AT 06	5,5	5,970	01001225AT 10	8,6	9,158	01001225AT 16	13,4	13,881
250	210	6000	01001250 04	4,9	5,784	01001250AT 06	6,2	7,484	01001250AT 10	9,6	11,379	01001250AT 16	14,8	17,062
280	220	6000	01001280 04	5,5	7,323	01001280AT 06	6,9	9,316	01001280AT 10	10,7	14,304	01001280AT 16	16,6	21,427
315	230	6000	01001315 04	6,2	9,265	01001315AT 06	7,7	11,739	01001315AT 10	12,1	18,120	01001315AT 16	18,7	27,257
355	240	6000	01001355 04	7,0	11,824	01001355AT 06	8,7	14,926	01001355AT 10	13,6	22,926	01001355AT 16	21,1	34,680
400	260	6000	01001400 04	7,9	15,128	01001400AT 06	9,8	19,085	01001400AT 10	15,3	29,314	01001400AT 16	23,7	44,676
450	265	6000	01001450 04	8,9	20,643	01001450AT 06	11,0	24,153	01001450AT 10	17,2	37,052	01001450AT 16	26,7	56,771
500	280	6000	01001500 04	9,8	24,083	01001500AT 06	12,3	30,072	01001500AT 10	19,1	45,840	01001500AT 16	29,7	70,356
560	310	6000	01001560 04	11,0	30,485	01001560AT 06	13,7	37,609	01001560AT 10	21,4	57,716			
630	320	6000	01001630 04	12,4	38,790	01001630AT 06	15,4	47,676	01001630AT 10	24,1	73,576			
710	420	6000	01001710 04	14,0	50,369	01001710AT 06	17,4	60,949	01001710AT 10	27,2	94,406			
800	430	6000	01001800 04	15,7	63,749	01001800AT 06	19,6	77,987	01001800AT 10	30,6	121,375			
900	450	6000	01001900 04	17,7	81,038	01001900AT 06	22,0	98,646						
1000	470	6000	010011100 04	19,7	100,460	010011100AT 06	24,5	122,494						

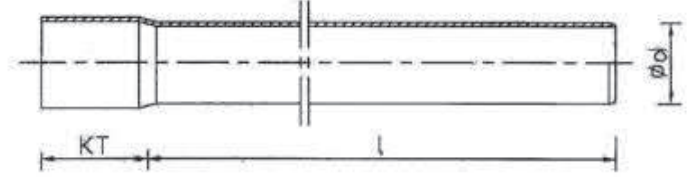
Note:* 4 Bar PVC-U Pipes are not in the scope of TS EN ISO 1452-2, however can be manufactured upon request.

Not:* 4 Atü PVC borular TS EN ISO 1452-2 kapsamında olmayıp, özel olarak üretilmektedir.

PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

PVC-U PIPE (Solvent Cement Joint)
PVC-U BORU (Yapıştırma Muflu)
Труба ПВХ напорное водоснабжение с
раструбом под клеевое соединение
عاكس تنسيق

Infrastructure Group / Altyapı Grubu



Size(d) (mm)	Bell length (KT)(mm)	Net length(l) (mm)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)
Çap(d) (mm)	Muf Boyu (KT)(mm)	Faydalı Boy(l) (mm)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)
Nominal Pressure calculated using C=2,5 safety factor/Emniyet Katsayısı C=2,5 alınarak belirlenmiş anma basınçları. PN														
PN			*4 Bar / * 4 Atü			*6 Bar / * 6 Atü			*10 Bar / * 10 Atü			*16 Bar / * 16 Atü		
20	30	6000										02001020 16	1,5	0,137
25	35	6000										02001025 16	1,9	1,215
32	40	6000							02001032 10	1,6	0,244	02001032 16	2,4	0,345
40	45	6000				02001040 06	1,5	0,292	02001040 10	1,9	0,358	02001040 16	3,0	0,535
50	50	6000				02001050 06	1,5	0,369	02001050 10	2,4	0,552	02001050 16	3,7	0,821
63	70	6000				02001063 06	1,9	0,574	02001063 10	3,0	0,864	01001063 16	4,7	1,303
75	80	6000	02001075 04	1,8	0,634	02001075 06	2,2	0,784	02001075 10	3,6	1,226	01001075 16	5,6	1,834
90	90	6000	02001090 04	1,8	0,766	02001090 06	2,7	1,151	02001090 10	4,3	1,776	01001090 16	6,7	2,693
Nominal Pressure calculated using C=2,0 safety factor/Emniyet Katsayısı C=2,0 alınarak belirlenmiş anma basınçları. PN														
PN			*4 Bar / * 4 Atü			*6 Bar / * 6 Atü			*10 Bar / * 10 Atü			*16 Bar / * 16 Atü		
110	100	6000	02001110 04	2,2	1,137	02001110AT 06	2,7	1,427	02001110AT 10	4,2	2,175	02001110AT 16	6,6	3,291
125	120	6000	02001125 04	2,5	1,462	02001125AT 06	3,1	1,856	02001125AT 10	4,8	2,808	02001125AT 16	7,4	4,208
140	130	6000	02001140 04	2,8	1,829	02001140AT 06	3,5	2,343	02001140AT 10	5,4	3,546	02001140AT 16	8,3	5,287
160	140	6000	02001160 04	3,2	2,384	02001160AT 06	4,0	3,055	02001160AT 10	6,2	4,653	02001160AT 16	9,5	6,909
200	160	6000	02001200 04	4,0	3,758	02001200AT 06	4,9	4,676	02001200AT 10	7,7	7,200	02001200AT 16	11,9	10,809
225	180	6000	02001225 04	4,5	4,753	02001225AT 06	5,5	5,913	02001225AT 10	8,6	9,070	02001225AT 16	13,4	13,747
250	200	6000	02001250 04	4,9	5,756	02001250AT 06	6,2	7,414	02001250AT 10	9,6	11,270	02001250AT 16	14,8	16,899
280	210	6000	02001280 04	5,5	7,288	02001280AT 06	6,9	9,242	02001280AT 10	10,7	14,190	02001280AT 16	16,6	21,256
315	230	6000	02001315 04	6,2	9,235	02001315AT 06	7,7	11,627	02001315AT 10	12,1	17,641	02001315AT 16	18,7	26,997
355	250	6000	02001355 04	7,0	11,805	02001355AT 06	8,7	14,831	02001355AT 10	13,6	22,477	02001355AT 16	21,1	34,459
400	270	6000	02001355 04	7,9	15,104	02001355AT 06	9,8	18,994	02001355AT 10	15,3	28,500	02001355AT 16	23,7	43,867

Note:* 4 Bar PVC-U Pipes are not in the scope of TS EN ISO 1452-2, however can be manufactured upon request.

Not:* 4 Atü PVC borular TS EN ISO 1452-2 kapsamında olmayıp, özel olarak üretilmektedir.

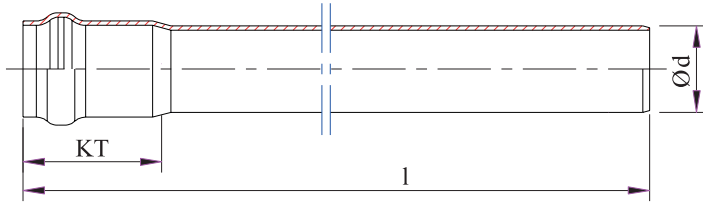
PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

PVC-U PIPE (Socket Joint)

PVC-U BORU (Geçme Muflu)

Труба ПВХ напорное водоснабжение с раструбным соединением под резиновое кольцо

انابيب ضغط يو - بی - فی - سی



Total L (with socket): 6 mt

Toplam boy (muf dahil): 6 mt



Infrastructure Group / Altyapı Grubu

Size(d) (mm)	Bell length (KT)(mm)	Net length(l) (mm)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)
Çap(d) (mm)	Muf Boyu (KT)(mm)	Faydalı Boy(l) (mm)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)
Nominal Pressure calculated using C=2,5 safety factor/Emniyet Katsayısı C=2,5 alınarak belirlenmiş anma basınçları. PN														
PN	*4 Bar / * 4 Atü		*6 Bar / * 6 Atü		*10 Bar / * 10 Atü		*16 Bar / * 16 Atü							
50	80	6000			01001050KS 06	1,5	0,369	01001050KS 10	2,4	0,545	01001050KS 16	3,7	0,821	
63	100	6000			01001063KS 06	1,9	0,578	01001063KS 10	3,0	0,865	01001063KS 16	4,7	1,317	
75	125	6000	01001075KS 04	1,5	0,262	01001075KS 06	2,2	0,792	01001075KS 10	3,6	1,225	01001075KS 16	5,6	1,872
90	125	6000	01001090KS 04	1,8	0,756	01001090KS 06	2,7	1,160	01001090KS 10	4,3	1,765	01001090KS 16	6,7	2,693
110	125	6000	01001110KS 04	2,2	1,128	01001110KS 06	2,7	1,436	01001110KS 10	5,3	2,636	01001110KS 16	6,6	3,318
125	130	6000	01001125KS 04	2,5	1,437	01001125KS 06	3,1	1,868	01001125KS 10	6,0	3,390	01001125KS 16	7,4	4,235
140	150	6000	01001400KS 04	2,8	1,795	01001400KS 06	3,5	2,362	01001400KS 10	6,7	4,236	01001400KS 16	8,3	5,330
160	160	6000	01001160KS 04	3,2	2,337	01001160KS 06	4,0	3,080	01001160KS 10	7,7	5,554	01001160KS 16	9,5	6,965
200	175	6000	01001200KS 04	3,9	3,675	01001200KS 06	4,9	4,722	01001200KS 10	9,6	8,644	01001200KS 16	11,9	10,914
225	185	6000	01001225KS 04	4,4	4,634	01001225KS 06	5,5	5,970	01001225KS 10	10,8	11,014	01001225KS 16	13,4	13,881
250	200	6000	01001250KS 04	4,9	5,598	01001250KS 06	6,2	7,484	01001250KS 10	11,9	13,472	01001250KS 16	14,8	17,062
280	210	6000	01001280KS 04	5,5	7,077	01001280KS 06	6,9	9,316	01001280KS 10	13,4	16,915	01001280KS 16	16,6	21,427
315	220	6000	01001315KS 04	6,2	8,939	01001315KS 06	7,7	11,739	01001315KS 10	15,0	21,365	01001315KS 16	18,7	27,257
355	230	6000	01001355KS 04	7,0	11,390	01001355KS 06	8,7	14,926	01001355KS 10	16,9	27,046	01001355KS 16	21,1	34,680
400	250	6000	01001400KS 04	7,9	14,256	01001400KS 06	9,8	19,085	01001400KS 10	19,1	34,339	01001400KS 16	23,7	44,676
450	270	6000	01001450KS 04	8,9	19,791				01001450KS 10	21,5	44,094			
500	280	6000	01001500KS 04	9,8	23,016	01001500KS 06	12,3	30,072	01001500KS 10	23,9	54,437			
630	320	6000	01001630KS 04	12,3	36,838	01001630KS 06	13,7	37,609	01001630KS 10	30,0	86,047			
710	400	6000	01001700KS 04	13,9	47,245	01001700KS 06	15,4	47,676						
800	410	6000	01001800KS 04	15,7	59,703	01001800KS 06	17,4	60,949						
900	430	6000	01001900KS 04	17,6	75,660	01001900KS 06	19,6	77,987						
1000	470	6000	01001000KS 04	19,6	93,505	01001000KS 06	22,0	98,646						

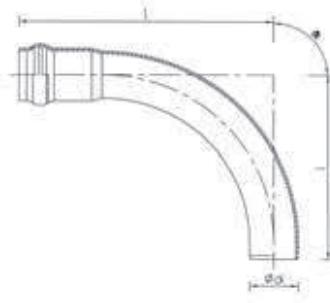
* According to standart DIN 8061 & DIN 8062

** (PN=Nominal Pressure, OD=Outside diameter, S=Minimum Wall Thickness, EA=Each, KT=Lenght of Socket)

*** (*) Marked pipes order is to be confirmed

PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

BEND (Socket Joint)
DEVE BOYNU (Geçme Muflu)
ПВХ отвод с раструбным
соединением под резиновое кольцо
عكاس



BEND Socked Joint PN 10 / DEVE BOYNU (Geçme Muflu) PN 10

Angle Açı	11°	22°	30°	45°	60°	90°
Size/Çap (d)/(mm)	Code/Kod	I (mm)	Code/Kod	I (mm)	Code/Kod	I (mm)
25	01006025001110	xxx	01006025002210	xxx	01006025003010	xxx
32	01006032001110	xxx	01006032002210	xxx	01006032003010	xxx
40	01006040001110	xxx	01006040002210	xxx	01006040003010	xxx
50	01006050001110	xxx	01006050002210	xxx	01006050003010	xxx
63	01006063001110	151	01006063002210	173	01006063003010	186
75	01006075001110	175	01006075002210	201	01006075003010	220
90	01006090001110	196	01006090002210	227	01006090003010	250
110	01006110001110	214	01006110002210	252	01006110003010	280
125	01006125001110	222	01006125002210	275	01006125003010	307
140	01006140001110	253	01006140002210	301	01006140003010	337
160	01006160001110	290	01006160002210	345	01006160003010	386
200	01006200001110	338	01006200002210	407	01006200003010	459
225	01006225001110	366	01006225002210	443	01006225003010	501
250	01006250001110	399	01006250002210	485	01006250003010	549
280	01006280001110	426	01006280002210	522	01006280003010	595
315	01006315001110	470	01006315002210	578	01006315003010	659
355	01006355001110	505	01006355002210	627	01006355003010	718
400	01006400001110	558	01006400002210	695	01006400003010	798

BEND Socked Joint PN 16 / DEVE BOYNU (Geçme Muflu) PN 16

Angle Açı	11°	22°	30°	45°	60°	90°
Size/Çap (d)/(mm)	Code/Kod	I (mm)	Code/Kod	I (mm)	Code/Kod	I (mm)
20	01006020001116	xxx	01006032002216	xxx	01006032003016	xxx
25	01006025001116	xxx	01006025002216	xxx	01006025003016	xxx
32	01006032001116	xxx	01006032002216	xxx	01006032003016	xxx
40	01006040001116	xxx	01006040002216	xxx	01006040003016	xxx
50	01006050001116	xxx	01006050002216	xxx	01006050003016	xxx
63	01006063001116	151	01006063002216	173	01006063003016	186
75	01006075001116	175	01006075002216	201	01006075003016	220
90	01006090001116	196	01006090002216	227	01006090003016	250
110	01006110001116	214	01006110002216	252	01006110003016	280
125	01006125001116	222	01006125002216	275	01006125003016	307
140	01006140001116	253	01006140002216	301	01006140003016	337
160	01006160001116	290	01006160002216	345	01006160003016	386
200	01006200001116	338	01006200002216	407	01006200003016	459
225	01006225001116	366	01006225002216	443	01006225003016	501
250	01006250001116	399	01006250002216	485	01006250003016	549
280	01006280001116	426	01006280002216	522	01006280003016	595
315	01006315001116	470	01006315002216	578	01006315003016	659
355	01006355001116	505	01006355002216	627	01006355003016	718
400	01006400001116	558	01006400002216	695	01006400003016	798
500	01006500001116	670	01006500002216	840	01006500003016	970

Note: Diameters, over 500 mm are manufactured upon request.

Not: Dış çap 500 mm üzeri deve boynu özel olarak üretilmektedir.

PVC-U LEAD FREE PRESSURE PIPE

PVC-U KURŞUNSUZ BASINÇLI TEMİZ SU BORULARI

*Environmentally friendly
with human health
Lead free pressure pipe*

*Çevreye Duyarlı,
İnsan sağlığı ile dost
Kurşunsuz Boru*



TS EN ISO 9001:2000

Calcium-Zinc based PVC-U Pipes

In 1960's, pipes made by PVC material started to be used as they were healthy, light, resistant to corrosion and easy to install instead of carcinogenic asbestos pipes.

However, stabilizers which consist of some chemicals are used to prevent from high temperature during the production process of PVC pipes. The heavy metal ingredients always exist as a threat to health, although the effect of the stabilizers to the drinking water remains in the limits defined in Food Codex.

European Community has applied protective actions in this manner like their pioneer roles in other fields.

Calcium-Zinc based PVC pipes have been considered as the best alternative for drinking water applications since they do not consist of heavy metals that threaten human health.

"The Toxics Use Reduction Institute" defined Calcium-Zinc as a primary stabilizer for PVC in the year 2006. Moreover, "Vinyl Plus Task Force Organisation" announced that the use of Calcium-Zinc stabilizer reached to 60% of total use in European Countries. Meanwhile, Calcium and Zinc elements are non-toxic, natural and necessary for human health.

In addition to the superiority of Calcium-Zinc based PVC pipes for health, there are technical superiorities as well:

Long Time UV Protection: As Calcium-Zinc stabilizers protect PVC-U pipes from UV Radiation, they have more advantage from other stabilizers. Depending on that; color and mechanical properties of pipes are protected for a long time.

High Mechanical Strength: Calcium-Zinc based pipes have higher mechanical strength (pressure and impact)

Its goodness for health has been proved by "HIFZISSI-HHA INSTITUTE" which belongs to the Ministry of Health with 01802 reference protocol report.

Kalsiyum-Çinko stabilizatörlü PVC-U borular

PVC malzemeden mamul borular, 1960'lı yıllarda sağlıklı olmaları, sağlamlıkları, hafiflikleri, korozyona dayanımları ve montaj kolaylıkları gibi nedenlerle kanserojen olan asbestli borular yerine kullanılmaya başlanmıştır.

Ancak PVC boruların üretimi sırasında yüksek sıcaklıktan korunmaları için, içeriğinde bir takım kimyasallar bulunan stabilizatörler kullanılmaktadır. Bu stabilizatörlerin içme sularına etkisi, Gıda kodeksinde belirtilen sınırlar içerisinde kalmasına rağmen, bünyesinde bulundurduğu ağır metaller sağlık açısından her zaman tehdit oluşturmıştır.

Avrupa topluluğu ülkeleri her alanda olduğu gibi bu alanda da öncü rol üstlenip koruyucu tedbirler uygulamaya başlamışlardır.

2006 yılında "The Toxics Use Reduction Institute" PVC' de kullanılacak birincil stabilizatör olarak Kalsiyum-Çinko stabilizatörlerini belirlemiştir.

Kalsiyum-Çinko stabilizatörleri bünyesinde insan sağlığını tehdit eden ağır metal bulundurmadığından temiz su boru üretiminde kullanılacak en iyi alternatif olarak görülmektedir.

Ayrıca Avrupa'nın "Vinyl Plus Task Force" organizasyonu Kalsiyum-Çinko stabilizatörü kullanımının %60'a ulaştığını belirlemiştir.

Bütün bunların yanında kalsiyum ve çinko, doğal olarak zehirsiz ve insan sağlığı için gerekli elementler olarak belirtilmektedir.

Kalsiyum Çinko Stabilizatörlü PVC-U boruların, sağlık açısından bu önemli üstünlüğünün yanında, teknik olarak diğer üstünlükleri ise;

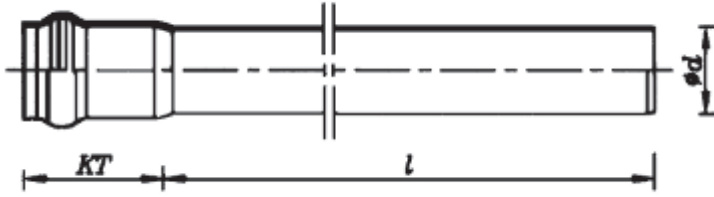
Uzun süreli UV koruması; Kalsiyum-Çinko stabilizatörleri, PVC-U boruları uzun süre UV radyasyonundan koruması nedeniyle, diğer stabilizatörlerden daha avantajlıdır. Böylece uzun süre borunun renginin ve mekanik özelliklerinin korunması mümkündür.

Yüksek Mekanik Dayanım; Kalsiyum-Çinko stabilizatörleri ile üretilen borular, daha yüksek mekanik dayanıma (basınç ve darbe) sahiptirler.

PVC-U LEAD FREE PRESSURE PIPE / PVC-U KURŞUNSUZ BASINÇLI TEMİZ SU BORULARI

PVC-U LEAD FREE PRESSURE PIPE (Socket Joint)
PVC-U KURŞUNSUZ BASINÇLI BORU (Geçme Muflu)
ПВХ Трубы Без Свинца (с раструбом)
соединением под резиновое кольцо)
انابيب يو بي في سي خاليه من الرصاص مع جوان

Infrastructure Group / Altyapı Grubu



Size(d) (mm)	Bell length (KT)(mm)	Net length(l) (mm)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)	Product Code	Wall Thickness (mm)	Unit Weight (kg/m)
Çap(d) (mm)	Muf Boyu (KT)(mm)	Faydalı Boy(l) (mm)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)	Ürün Kodu	Et Kalınlığı (mm)	Muflu Ağırlık (kg/m)
Nominal Pressure calculated using C=2,5 safety factor/Emniyet Katsayısı C=2,5 alınarak belirlenmiş anma basınçları. PN														
PN	*4 Bar / * 4 Atü		*6 Bar / * 6 Atü		*10 Bar / * 10 Atü		*16 Bar / * 16 Atü							
50	80	6000				03001050 06	1,5	0,369	03001050 10	2,4	0,552	03003050 16	3,7	0,821
63	105	6000				03001063 06	1,9	0,578	03001063 10	3,0	0,879	03003063 16	4,7	1,317
75	120	6000	03001075 04	1,8	0,640	03001075 06	2,2	0,792	03001075 10	3,6	1,251	03003075 16	5,6	1,872
90	130	6000	03001090 04	1,8	0,772	03001090 06	2,7	1,160	03001090 10	4,3	1,803	03003090 16	6,7	2,693
Nominal Pressure calculated using C=2,0 safety factor/Emniyet Katsayısı C=2,0 alınarak belirlenmiş anma basınçları. PN														
PN	*4 Bar / * 4 Atü		*6 Bar / * 6 Atü		*10 Bar / * 10 Atü		*16 Bar / * 16 Atü							
110	130	6000	03003110 04	2,2	1,152	03003110AT 06	2,7	1,436	03003110AT 10	4,2	2,193	03003110AT 16	6,6	3,318
125	130	6000	03003125 04	2,5	1,469	03003125AT 06	3,1	1,868	03003125AT 10	4,8	2,826	03003125AT 16	7,4	4,235
140	155	6000	03003140 04	2,8	1,841	03003140AT 06	3,5	2,362	03003140AT 10	5,4	3,575	03003140AT 16	8,3	5,330
160	165	6000	03003160 04	3,2	2,399	03003160AT 06	4,0	3,080	03003160AT 10	6,2	4,691	03003160AT 16	9,5	6,965
200	185	6000	03003200 04	4,0	3,782	03003200AT 06	4,9	4,722	03003200AT 10	7,7	7,270	03003200AT 16	11,9	10,914
225	195	6000	03003225 04	4,5	4,776	03003225AT 06	5,5	5,970	03003225AT 10	8,6	9,158	03003225AT 16	13,4	13,881
250	210	6000	03003250 04	4,9	5,784	03003250AT 06	6,2	7,484	03003250AT 10	9,6	11,379	03003250AT 16	14,8	17,062
280	220	6000	03003280 04	5,5	7,323	03003280AT 06	6,9	9,316	03003280AT 10	10,7	14,304	03003280AT 16	16,6	21,427
315	230	6000	03003315 04	6,2	9,265	03003315AT 06	7,7	11,739	03003315AT 10	12,1	18,120	03003315AT 16	18,7	27,257
355	240	6000	03003355 04	7,0	11,824	03003355AT 06	8,7	14,926	03003355AT 10	13,6	22,926			
400	260	6000	03003400 04	7,9	15,128	03003400AT 06	9,8	19,085	03003400AT 10	15,3	29,314			
450	265	6000	03003450 04	8,9	20,643	03003450AT 06	11,0	24,153	03003450AT 10	17,2	37,052			
500	280	6000	03003500 04	9,8	24,083	03003500AT 06	12,3	30,072	03003500AT 10	19,1	45,840			
630	320	6000	03003630 04	12,4	38,790	03003630AT 06	15,4	47,676	03003630AT 10	24,1	73,576			

Note:* 4 Bar PVC-U Pipes are not in the scope of TS EN ISO 1452-2, however can be manufactured upon request.
Not:* 4 Atü PVC borular TS EN ISO 1452-2 kapsamında olmayıp, özel olarak üretilmektedir.

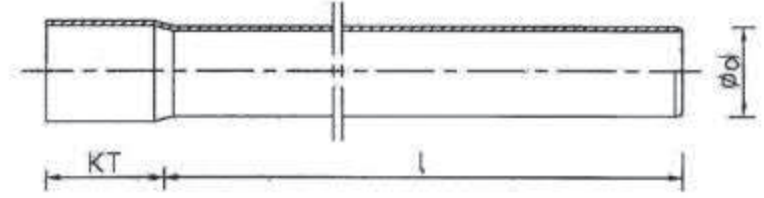
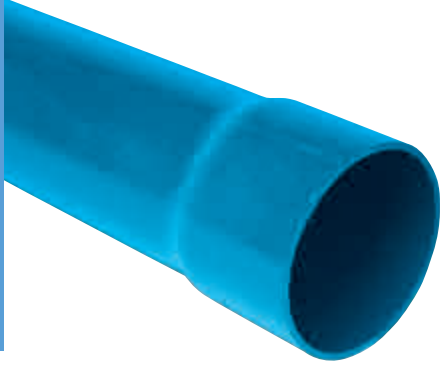
PVC-U LEAD FREE PRESSURE PIPE / PVC-U KURŞUNSUZ BASINÇLI TEMİZ SU BORULARI

PVC-U LEAD FREE PRESSURE PIPE (Solvent Cement Joint) PVC-U KURŞUNSUZ BASINÇLI BORU (Yapıştırma Muflu)

ПВХ Трубы Без Свинца (с раструбом под клеевое соединение)

انابيب يو بي في خاليه من الرصاص بالتصليق

Infrastructure Group / Altyapı Grubu



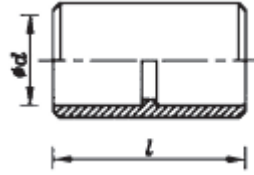
Size(d) (mm) Çap(d) (mm)	Bell length (KT)(mm) Muf Boyu (KT)(mm)	Net length(l) (mm) Faydalı Boy(l) (mm)	Product Code Ürün Kodu	Wall Thickness (mm) Et Kalınlığı (mm)	Unit Weight (kg/m) Muflu Ağırlık (kg/m)	Product Code Ürün Kodu	Wall Thickness (mm) Et Kalınlığı (mm)	Unit Weight (kg/m) Muflu Ağırlık (kg/m)	Product Code Ürün Kodu	Wall Thickness (mm) Et Kalınlığı (mm)	Unit Weight (kg/m) Muflu Ağırlık (kg/m)	Product Code Ürün Kodu	Wall Thickness (mm) Et Kalınlığı (mm)	Unit Weight (kg/m) Muflu Ağırlık (kg/m)
Nominal Pressure calculated using C=2,5 safety factor/Emniyet Katsayısı C=2,5 alınarak belirlenmiş anma basınçları. PN														
PN	*4 Bar / * 4 Atü		*6 Bar / * 6 Atü		*10 Bar / * 10 Atü		*16 Bar / * 16 Atü							
20	30	6000										02001020 16	1,5	0,137
25	35	6000										02001025 16	1,9	1,215
32	40	6000							03004032 10	1,6	0,244	02001032 16	2,4	0,345
40	45	6000				03004040 06	1,5	0,292	03004040 10	1,9	0,358	02001040 16	3,0	0,535
50	50	6000				03004050 06	1,5	0,369	03004050 10	2,4	0,552	02001050 16	3,7	0,821
63	70	6000				03004063 06	1,9	0,574	03004063 10	3,0	0,864	01001063 16	4,7	1,303
75	80	6000	03004075 04	1,8	0,634	03004075 06	2,2	0,784	03004075 10	3,6	1,226	01001075 16	5,6	1,834
90	90	6000	03004090 04	1,8	0,766	03004090 06	2,7	1,151	03004090 10	4,3	1,776	01001090 16	6,7	2,639
Nominal Pressure calculated using C=2,0 safety factor/Emniyet Katsayısı C=2,0 alınarak belirlenmiş anma basınçları. PN														
PN	*4 Bar / * 4 Atü		*6 Bar / * 6 Atü		*10 Bar / * 10 Atü		*16 Bar / * 16 Atü							
110	100	6000	03004110 04	2,2	1,137	02001110AT 06	2,7	1,427	03004110AT 10	4,2	2,175	02001110AT 16	6,6	3,291
125	120	6000	03004125 04	2,5	1,462	02001125AT 06	3,1	1,856	03004125AT 10	4,8	2,808	02001125AT 16	7,4	4,208
140	130	6000	03004140 04	2,8	1,829	02001140AT 06	3,5	2,343	03004140AT 10	5,4	3,546	02001140AT 16	8,3	5,287
160	140	6000	03004160 04	3,2	2,384	02001160AT 06	4,0	3,055	03004160AT 10	6,2	4,653	02001160AT 16	9,5	6,909
200	160	6000	03004200 04	4,0	3,758	02001200AT 06	4,9	4,676	03004200AT 10	7,7	7,200	02001200AT 16	11,9	10,809
225	180	6000	03004225 04	4,5	4,753	02001225AT 06	5,5	5,913	03004225AT 10	8,6	9,070	02001225AT 16	13,4	13,747
250	200	6000	03004250 04	4,9	5,756	02001250AT 06	6,2	7,414	03004250AT 10	9,6	11,270	02001250AT 16	14,8	16,899
280	210	6000	03004280 04	5,5	7,288	02001280AT 06	6,9	9,242	03004280AT 10	10,7	14,190	02001280AT 16	16,6	21,256
315	230	6000	03004315 04	6,2	9,235	02001315AT 06	7,7	11,627	03004315AT 10	12,1	17,641	02001315AT 16	18,7	26,997
355	250	6000	03004355 04	7,0	11,805	02001355AT 06	8,7	14,831	03004355AT 10	13,6	22,477	02001355AT 16	21,1	34,459
400	270	6000	03004355 04	7,9	15,104	02001355AT 06	9,8	18,994	03004355AT 10	15,3	28,500	02001355AT 16	23,7	43,867

Note:* 4 Bar PVC-U Pipes are not in the scope of TS EN ISO 1452-2, however can be manufactured upon request.

Not:* 4 Atü PVC borular TS EN ISO 1452-2 kapsamında olmayıp, özel olarak üretilmektedir.

PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

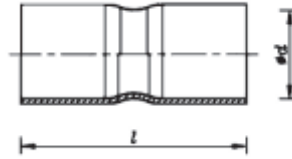
SLEEVE (SOLVENT CEMENT)
MANŞON (Yapıştırma)
ПВХ муфта (клеевое соединение)
وصلة



ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
01015020	20	50
01015025	25	54
01015032	32	80
01015040	40	100
01015050	50	130
02015063	63	170
02015075	75	190
02015090	90	200
02015110	110	230
02015125	125	250
02015140	140	270
02015160	160	295
02015200	200	365
02015225	225	400
02015250	250	450
02015280	280	470
02015315	315	500
02015355	355	540
02015400	400	580
02015500	500	590

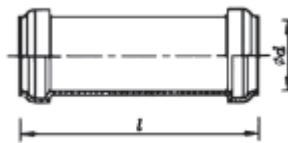
Note: Pressure ratings are 10 and 16 bar
Not: Basınç sınıfı PN 10 ve 16' dir

COLLAR SLEEVE
KAYAR MANŞON
ПВХ муфта (клеевое соединение)
وصلة مزدوجة



ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
01017050	50	xxx
01017063	63	225
01017075	75	255
01017090	90	275
01017110	110	290

PVC COLLAR SLEEVE (Socket Joint) PN 10
PVC KAYAR MANŞON (Geçme Muflu) PN 10
ПВХ муфта ремонтная
وصلة بجوان



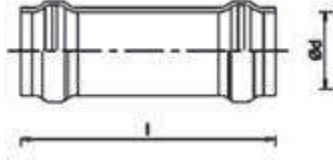
ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
01017125	125	290
01017140	140	300
01017160	160	300
01017200	200	370
01017225	225	390
01017250	250	480
01017280	280	480
01017315	315	580
01017355	355	570
01017400	400	660
01017500	500	790
01017630	630	830

PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

PVC COLLAR SLEEVE (Socket Joint) PN 16
PVC KAYAR MANŞON (Geçme Muflu) PN 16

ПВХ муфта ремонтная
وصلة بجوان

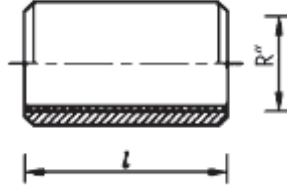
ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
01017050	50	xxx
01017063	63	225
01017075	75	255
01017090	90	275
01017110	110	290
01017125	125	290
01017140	140	300
01017160	160	300
01017200	200	370
01017225	225	390
01017250	250	480
01017280	280	480
01017315	315	580
01017355	355	570
01017400	400	660
01017500	500	790



THREADED SLEEVE
DİŞLİ MANŞON
ПВХ резьбовая муфта
وصلة مسنن

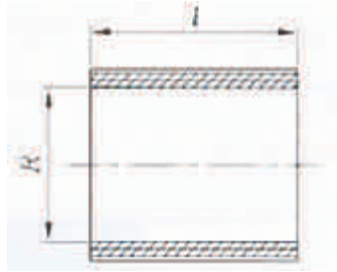
ITEM CODE	R"	l(mm)
Kod No	R"	l(mm)
10016020	1/2"	45
10016025	3/3"	50

Note: Pressure rating is 16 bar
Not: Basınç sınıfı PN 16' dir.



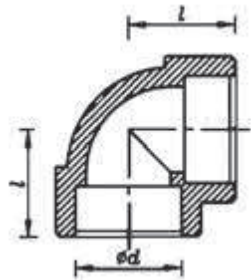
THREADED SLEEVE
DİŞLİ MANŞON
ПВХ резьбовая муфта
وصلة مسنن انشى

ITEM CODE	R"	l(mm)
Kod No	R"	l(mm)
10016032	1"	42



ELBOW (Solvent Cement Joint) 90°
DİRSEK (Yarııştırma) 90°
ПВХ угольник 90° (клеевое соединение)
90° كوع

ITEM CODE	R"	l(mm)
Kod No	R"	l(mm)
01008020	20	28
01008025	25	33
01008032	32	40
01008040	40	51
01008050	50	59
01008063	63	69
01008075*	75	
01008090*	90	
01008110*	110	
01008125*	125	
01008140*	140	
01008160*	160	
01008200*	200	



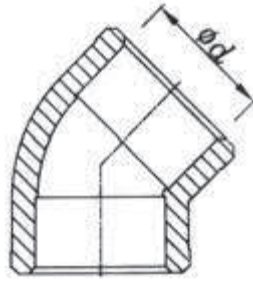
Note: Pressure rating is 16 bar for 160 mm. O.d. and smaller diameters.
Not: Basınç sınıfı çap 160mm'ye kadar PN 16' dir

Note: * Marked items can be procured upon request.
Not: Üretim setimizde olmayan ve " * " ile belirtilen ürünler talep edildiğinde temin edilebilir.



PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

ELBOW (Solvent Cement Joint) 45°
DİRSEK (Yapıştırma) 45°
ПВХ угольник 45° (клеевое соединение)
45° كوع



ITEM CODE

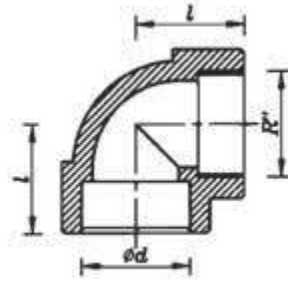
R"

Kod No

R"

010080200045	20
010080250045	25
010080320045*	32
010080400045*	40
010080500045*	50
010080630045*	63
010080750045*	75
010080900045*	90
010081100045*	110
010081250045*	125
010081400045*	140
010081600045*	160
010082000045*	200

THREADED ELBOW 90°
DİŞLİ DİRSEK 90°
ПВХ угольник с вн.р. 90°
90° كوع مسنن



ITEM CODE	d(mm)	R"	l(mm)
Kod No	d(mm)	R"	l(mm)
01007020	20	1/2"	28
01007025	25	3/4"	33
01007032	32	1"	40
01007040	40	1 1/4"	51
01007050	50	1 1/2"	59

Note: Pressure rating is 16 bar.

Not: Basınç sınıfı PN 16' dir.

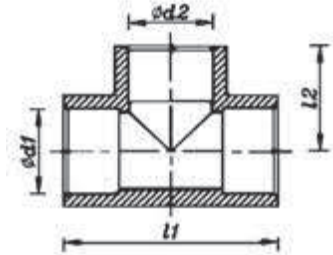
Note: * Marked items can be procured upon request.

Not: Üretim setimizde olmayan ve " * " ile belirtilen ürünler talep edildiğinde temin edilebilir.

PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

TEE (Solvent Cement Joint)
TE (Yapıştırma)
ПВХ тройник (клеевое соединение)
تي

ITEM CODE	d1(mm)	d2(mm)	l1(mm)	l2(mm)
Kod No	d1(mm)	d2(mm)	l1(mm)	l2(mm)
01025020	20	20	54	29
01025025	25	25	64	33
01025032	32	32	78	40
01025040	40	40	101	50
01025050	50	50	119	60
01025063	63	63	119	60
010250750050	75	50	168	70
010250750063	75	63	168	76
01025075	75	75	168	84
010250900063	90	63	195	86
010250900075	90	75	195	92
01025090	90	90	195	75
010251100075	110	75	232	100
010251100090	110	90	232	107
010251100110	110	110	232	116
01025125*	125	125		
01025140*	140	140		
01025160*	160	160		
01025200*	200	200		

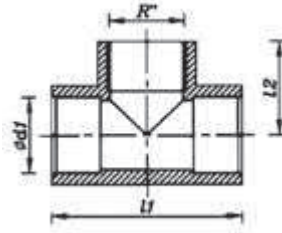


Note: Pressure rating is 16 bar for 160 mm O.D. and smaller diameters.
Not: Basınç sınıfı çap 160 mm'ye kadar PN 16' dir.

Note: * Marked items can be procured upon request.
Not: Üretim setimizde olmayan ve " * " ile belirtilen ürünler talep edildiğinde temin edilebilir.

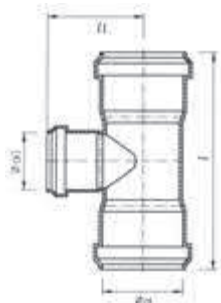
THREADED TEE
DİŞLİ TE
ПВХ тройник резьбовой
تي مسندة انش

ITEM CODE	d1(mm)	R"	l1(mm)	l2(mm)
Kod No	d1(mm)	R"	l1(mm)	l2(mm)
01023020	20	1/2"	54	29
01023025	25	3/4"	64	33
01023032	32	1"	78	40
01023040	40	1 1/4"	101	50
01023050	50	1 1/2"	125	62
01023063	63	2"	119	60
01023075	75	2 1/2"	75	



TEE (Socket Joint-Injection)
TEE (Geçme Muflu-Enjeksiyon)
ПВХ тройник (с раструбным соединением под резиновое кольцо - инъекционный)
مشترك بطريقه الحقن

ITEM CODE	Ød(mm)	PN(bar)	Ød1(mm)	l(mm)	l1(mm)
Kod No	Ød(mm)	Basınç Sınıfı(bar)	Ød1(mm)	l(mm)	l1(mm)
010251600160E	20	1/2"	20	54	29
010251600110E	25	3/4"	25	64	33
010252000160E	32	1"	32	78	40
010252000110E	40	1 1/4"	40	101	50



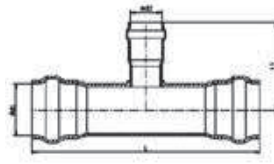
PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

TEE (Socket Joint)-(Ready Made)
TE (Geçme Muflu)-(Konfeksiyon)
ПВХ тройник (с раструбным соединением
под резиновое кольцо - конфекционный)
مشترک بطریقہ یدویہ



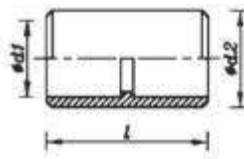
ITEM CODE	Ød(mm)
Kod No	Ød(mm)
01024063	63
01024075	75
01024090	90
01024110	40

REDUCTION TEE
REDÜKSİYON TE
Тройник Редукционный
مشترک نقاص بطریقہ یدویہ



ITEM CODE	Ød1/Ød2	L1(mm)	L(mm)
Kod No	Ød1Ød2	L1(mm)	L(mm)
010292500110	250/110	290	630
010292500160	250/160	310	630
010293150110	315/110	310	700
010293150160	315/160	367	750
010294000110	400/110	350	840
010294000160	400/160	410	890
010295000110	500/110	400	990
010295000160	500/160	460	990
010296300110	630/110	465	1130
010296300160	630/160	525	1130

REDUCER (Solvent Cement Joint)
REDÜKSİYON YAPIŞTIRMA
ПВХ муфта переходная
(клеевое соединение)
نقاص



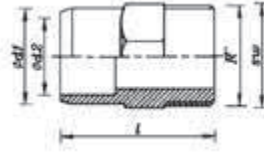
ITEM CODE	Ød1(mm)	Ød2(mm)	l(mm)
Kod No	Ød1(mm)	Ød2(mm)	l(mm)
01019025	25	20	50
01019032	32	25	54
01019040	40	32	52
01019050	50	40	72
01019063	63	50	92
01019075	75	63	92
01019090	90	75	107
01019110	110	90	134
01019125	125	110	
01019140	140	125	
01019160	160	140	

Note: Pressure rating is 16 bar.
Not: Basınç sınıfı PN 16'dır.

PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

MALE ADAPTOR ADAPTÖR (Dıştan Paso) ПВХ адаптор с н.р. محول ذكر

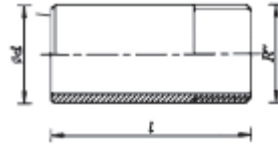
ITEM CODE	Ød1(mm)	R"	Ød2(mm)	sw	l(mm)
Kod No	Ød1(mm)	R"	Ød2(mm)	sw	l(mm)
01002020	20	1/2"	-	22	56
01002025	25	3/4"	-	27	62
01002032	32	1"	25	36	59
01002040	40	1 1/4"	32	44	65
01002050	50	1/2"	40	52	71
01002063	63	2"	-	64	116
01002075	75	2 1/2"	63	76	136
01002090	90	3"	75	90	152



*d1 side of these adaptors can be solvent cement joint as well.
*Bu adaptörlerin d1 çaplı tarafı yapıştırma olarak kullanılır.
Note: Pressure rating is 16 bar.
Note: Basınç sınıfı PN 16' dir.

MALE ADAPTOR ADAPTÖR (Dıştan Paso) ПВХ адаптор с н.р. محول ذكر

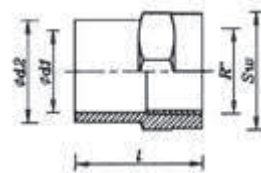
ITEM CODE	Ødmm	R"	l(mm)
Kod No	Ødmm	R"	l(mm)
01002110	110*	4"	182
01002125	125*	4 1/2"	182
01002140	140*	5"	202
01002160	160*	6"	242
01002200	200*	7"	
01002225	225*	8"	
01002250	250*	9"	



*These adaptors can be used with both socket weld joint pipes and solvent cement joint pipes.
*Bu adaptörler geçme muflu ve aynı zamanda yapıştırma muflu borularla da kullanılabilir.
Note: Pressure rating is 16 bar.
Note: Basınç sınıfı PN 16' dir.

FEMALE ADAPTOR ADAPTÖR (İçten Paso) ПВХ адаптор с вн.р. محول انثى

ITEM CODE	Ød1(mm)	R"	Ød2(mm)	sw	l(mm)
Kod No	Ød1(mm)	R"	Ød2(mm)	sw	l(mm)
01003020	20	1/2"	25	32	40
01003025	25	3/4"	32	36	45
01003032	32	1"	40	46	50
01003040	40	1 1/4"	50	58	72
01003050	50	1/2"	63	68	86
01003063	63	2"	-	-	101

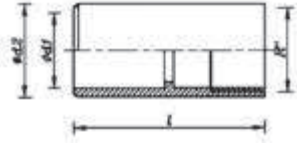


*These adaptors can be used with both socket weld joint pipes and solvent cement joint pipes.
*Bu adaptörler geçme muflu ve aynı zamanda yapıştırma muflu borularla da kullanılabilir.
Note: Pressure rating is 16 bar.
Note: Basınç sınıfı PN 16' dir.

PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

FEMALE ADAPTOR DİŞİ ADAPTÖR (İçten Paso)

ПВХ адаптор с вн.р.
محول

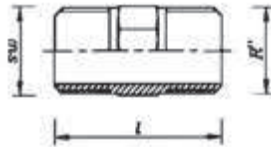


ITEM CODE	Ød1(mm)	R"	Ød2(mm)	l(mm)
Kod No	Ød1(mm)	R"	Ød2(mm)	l(mm)
01003020	20	1/2"	-	56
01003025	25	3/4"	-	62
01003032	32	1"	25	59
01003040	40	1 1/4"	32	65
01003050	50	1 1/2"	40	71
01003063	63	2"	-	116
01003075	75	2 1/2"	63	136
01003090	90	3"	75	152
01003110	110	4"	-	-
01003125	125	4 1/2"	-	-
01003140	140	5"	-	-
01003160	160	6"	-	-
01003200	200	7"	-	-

*d2 end of these adapters can be socket joint as well.
*Bu adaptörlerin d2 çapı geçme muflu olarak kullanılabilir.
Note: Pressure rating is 16 bar.
Not: Basınç sınıfı PN 16' dir.

NIPPEL NİPEL

ПВХ ниппель
وصله مسنن

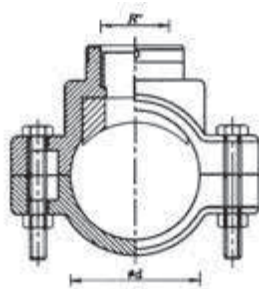


ITEM CODE	R"	l1(mm)	sw
Kod No	R"	l1(mm)	sw
01018020	1/2"	45	22
01018025	3/4"	49	27
01018032	1"	58	36

Note: Pressure rating is 16 bar.
Not: Basınç sınıfı PN 16' dir.

SADDLE TAKIM KOLYE

ПВХ седло
مخرج



ITEM CODE	Ød(mm)	R"
Kod No	Ød(mm)	R"
010120320020	32	1/2"
010120320025	32	3/4"
010120400020	40	1/2"
010120400025	40	3/4"
010120500020	50	1/2"
010120500025	50	3/4"
010120500032	50	1"
010120630020	63	1/2"
010120630025	63	3/4"
010120330032	63	1"
010120750020	75	1/2"
010120750025	75	3/4"
010120750032	75	1"
010120900020	90	1/2"
010120900025	90	3/4"
010120900032	90	1"
010121100020	110	1/2"
010121100025	110	3/4"
010121100032	110	1"

Note: Pressure ratings is 10 bar.
Not: Basınç sınıfı PN 10' dir

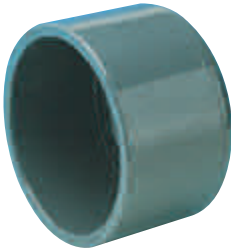
PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

SADDLE APPARATUS (Cutter)
KOLYE DELME APARATI
Фреза для ПВХ труб
مشقّب يدوي



ITEM CODE	R"
Kod No	R"
01012020	1/2"
01012025	3/4"
01012032	1"

END PLUG (Solvent Cement Joint)
KÖRTAPA (Yapıştırırmalı)
ПВХ заглушка (клеевое соединение)
سدّه

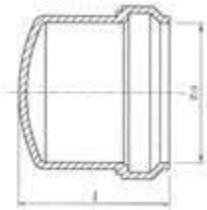


ITEM CODE	Ø(mm)
Kod No	Ø(mm)
01014020 YM	20
01014025 YM	25
01014032 YM	32
01014040	40
01014050	50
01014063	63
01014075	75
01014090	90
01014110	110
01014125	125
01014140	140
01014160	160

END PLUG (Socket Joint)
KÖRTAPA (Geçme Muflu)
ПВХ заглушка (с раструбным соединением под резиновое кольцо)
سدّه



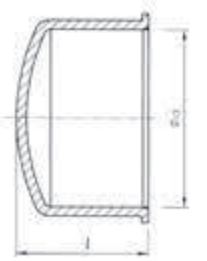
ITEM CODE	Ødmm	PN(Bar)	l(mm)
Kod No	Ødmm	Basınç Sınıfı(bar)	l(mm)
01014110 DM	110	10	85
01014160 DM	160	10	116



END PLUG (Solvent Cement Joint)
KÖRTAPA (Yapıştırırma Muflu)
ПВХ заглушка (клеевое соединение)
سدّه

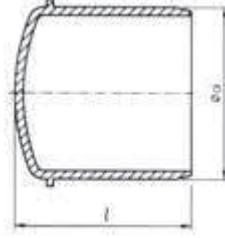


ITEM CODE	Ødmm	PN(Bar)	l(mm)
Kod No	Ødmm	Basınç Sınıfı(bar)	l(mm)
01014110 DY	110	10	85
01014160 DY	160	10	116



PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

MALE END PLUG
ERKEK KÖRTAPA
ПВХ заглушка с н.р.
سدة ذكر



ITEM CODE	Ødmm	PN(Bar)	l(mm)
Kod No	Ødmm	Basınç Sınıfı(bar)	l(mm)
01014110 E 06	110	6	132
01014160 E 06	160	6	160

ITEM CODE	Ødmm	PN(Bar)	l(mm)
Kod No	Ødmm	Basınç Sınıfı(bar)	l(mm)
01014110 E 10	110	10	132
01014160 E 10	160	10	160

FLANGE
FLANŞ
Фланец
فلانج



ITEM CODE	Ø(mm)
Kod No	Ø(mm)
01009020*	20
01009025*	25
01009032*	32
01009040*	40
01009050*	50
01009063*	63
01009075*	75
01009090*	90
01009110*	110
01009125*	125
01009140*	140
01009160*	160
01009200*	200
01009250*	250
01009280*	280
01009315*	315
01009355*	355
01009400*	400

Note: Between 20-200 mm, pressure bar is 16 and between 200-400 mm, pressure bar is 10
Not: Basınç sınıfı Ø20 - Ø200 mm arası PN 16' dir. Ø200 - Ø400 mm arası PN 10' dir.

STUBEND
KOLE
ПВХ адаптор под фланец
جوان فلانج



ITEM CODE	Ø(mm)
Kod No	Ø(mm)
01010020*	20
01010025*	25
01010032*	32
01010040*	40
01010050*	50
01010063*	63
01010075*	75
01010090*	90
01010110*	110
01010125*	125
01010140*	140
01010160*	160
01010200*	200
01010250*	250
01010280*	280
01010315*	315
01010355*	355
01010400*	400

Note: *Marked items can be procured upon request.

Not: Üretim setimizde olmayan ve * ile belirtilen ürünler talep edildiğinde temin edilebilir.
Note: Between 20-200 mm, pressure bar is 16 and between 200-400 mm, pressure bar is 10
Not: Basınç sınıfı Ø20 - Ø200 mm arası PN 16' dir. Ø200 - Ø400 mm arası PN 10' dir.

PVC-U PRESSURE PIPE SYSTEMS / PVC-U BASINÇLI BORU SİSTEMLERİ

**THREADED TRANSITION
RAKOR (Bir Taraflı Dişli)**
ПВХ муфта разъемная
с вн.р. (одна сторона)
محول انثى طرف واحد مسنن



ITEM CODE	Size(mm)
Kod No	Çap(mm)
01022001020*	20
01022001025*	25
01022001032*	32
01022001040*	40
01022001050*	50
01022001063*	63
01022001075*	75
01022001090*	90
01022010110*	110

**TRANSITION MUFF
RAKOR (Yapıştırma)**
ПВХ муфта разъемная
(клеевое соединение)
محول تلصيق



ITEM CODE	Size(mm)
Kod No	Çap(mm)
01022020*	20
01022025*	25
01022032*	32
01022040*	40
01022050*	50
01022063*	63
01022075*	75
01022090*	90
01022110*	110

**SPHERICAL VALVE
KÜRESEL VANA**
ПВХ кран шаровой
صمام كروي



ITEM CODE	Size(mm)
Kod No	Çap(mm)
01026020*	20
01026025*	25
01026032*	32
01026040*	40
01026050*	50
01026063*	63
01026075*	75
01026090*	90

**VALVE
ÇEK VALF**
ПВХ муфта разъемная двойная
صمام



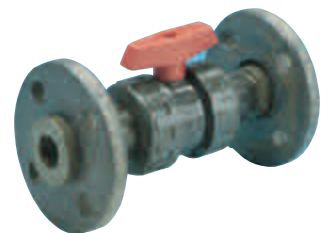
ITEM CODE	Size(mm)
Kod No	Çap(mm)
01004020*	20
01004040*	40
01004050*	50
01004063*	63
01004075*	75
01004090*	90
01004110*	110
01004125*	125
01004140*	140
01004160*	160

**V GASKET
V CONTA**
Уплотнительное кольцо для
водопроводной трубы ПВХ
جوان



ITEM CODE	Size(mm)
Kod No	Çap(mm)
01031050	50
01031063	63
01031075	75
01031090	90
01031110	110
01031125	125
01031140	140
01031160	160
01031200	200
01031225	225
01031250	250
01031280	280
01031315	315
01031355	355
01031400	400
01031500	500
01031630	630
01031710	710
01031800	800
01031900	900
010311000	1000

**FLANGED SPHERICAL VALVE
FLANŞLI KÜRESEL VANA**
ПВХ кран шаровой с фланцем
صمام مع فلانج



ITEM CODE	Size(mm)
Kod No	Çap(mm)
01027020*	20
01027025*	25
01027032*	32
01027040*	40
01027050*	50
01027063*	63
01027075*	75
01027090*	90
01027110*	110
01027125*	125
01027140*	140
01027160*	160

Note: *Marked items can be procured upon request.
Not: Üretim setimizde olmayan ve " * " ile belirtilen ürünler talep edildiğinde temin edilebilir.

SEWER SYSTEMS

KANALİZASYON BORU VE EK PARÇALARI

Application Areas:

SDR 51 pipes; outside of buildings. SDR 41 and SDR 34 pipes are used in both outside and inside, underground of buildings.

Uygulama Alanı:

SDR 51 borular; bina dışı uygulamalarda SDR 41 ve SDR 34 borular; bina içi yere gömülü ve bina dışı uygulamaların her ikisinde kullanılır.

Ring Stiffness Value:

SN 2, SN 4, SN 8 definitions of the pipes in the tables show the ring stiffness value of the pipes 2, 4, 8 in KN/m², respectively.

Üst Yükleme Değeri:

Tablolardaki SN 2, SN 4 ve SN 8 değerleri KN/m² birimi cinsinden boruların çember rijitlik değerlerini ifade eder.

Color:

Orange Brown (RAL 8023)

Renk:

Turuncumsu Kahverengi (yaklaşık olarak RAL 8023)



TS EN ISO 9001:2000

SEWER SYSTEMS / KANALİZASYON BORU VE EK PARÇALARI

PVC-U SEWER PIPES
PVC-U KANALİZASYON BORUSU
ПВХ труба для наружной безнапорной
канализации раструбная с кольцом
مواسير يو - بی - فی - سی للصرف الصحي



SN2 SDR 51				
ITEM CODE	Ød (mm)	Bell Length (mm)	Wall Thickness (mm)	Unit Weight (kg/mt)
Kod No	Ød (mm)	Muf Boyu KT(mm)	Et Kalınlığı (mm)	Muflu Ağırlık (kg/mt)
23001110	110	130	3,2	1,679
23001125	125	140	3,2	1,856
23001160	160	165	3,2	2,399
23001200	200	185	3,9	3,782
23001250	250	210	4,9	5,784
23001315	315	230	6,2	9,265
23001355	355	240	7,0	11,824
23001400	400	260	7,9	15,128
23001450	450	280	8,8	20,643
23001500	500	300	9,8	24,083
23001630	630	335	12,3	38,790
23001710	710	420	13,9	50,369
23001800	800	430	15,7	63,749
23001900	900	450	17,6	81,038
230011100	1100	470	19,6	100,460



SN4 SDR 41				
ITEM CODE	Ød (mm)	Bell Length (mm)	Wall Thickness (mm)	Unit Weight (kg/mt)
Kod No	Ød (mm)	Muf Boyu KT(mm)	Et Kalınlığı (mm)	Muflu Ağırlık (kg/mt)
23001110 SDR 41	110	130	3,2	1,679
23001125 SDR 41	125	140	3,2	1,856
23001160 SDR 41	160	165	4,0	3,080
23001200 SDR 41	200	185	4,9	4,722
23001250 SDR 41	250	210	6,2	7,484
23001315 SDR 41	315	230	7,7	11,739
23001355 SDR 41	355	240	8,7	14,926
23001400 SDR 41	400	260	9,8	19,085
23001450 SDR 41	450	280	11,0	24,153
23001500 SDR 41	500	300	12,3	30,072
23001630 SDR 41	630	335	15,4	47,676
23001710 SDR 41	710	420	17,4	60,949
23001800 SDR 41	800	430	19,6	77,987
23001900 SDR 41	900	450	22,0	98,646
230011100 SDR 41	1100	470	24,5	122,494

SN8 SDR 34				
ITEM CODE	Ød (mm)	Bell Length (mm)	Wall Thickness (mm)	Unit Weight (kg/mt)
Kod No	Ød (mm)	Muf Boyu KT(mm)	Et Kalınlığı (mm)	Muflu Ağırlık (kg/mt)
23001110 SDR 34	110	130	3,2	1,679
23001125 SDR 34	125	140	3,7	2,200
23001160 SDR 34	160	165	4,7	3,582
23001200 SDR 34	200	185	5,9	5,647
23001250 SDR 34	250	210	7,3	8,762
23001315 SDR 34	315	230	9,2	13,930
23001355 SDR 34	355	240	10,4	17,694
23001400 SDR 34	400	260	11,7	22,472
23001450 SDR 34	450	280	13,2	28,893
23001500 SDR 34	500	300	14,6	35,480
23001630 SDR 34	630	335	18,4	56,816
23001710 SDR 34	710	420	*20,7	72,337
23001800 SDR 34	800	430	*23,3	92,130
23001900 SDR 34	900	450	*26,3	118,693
230011100 SDR 34	1100	470	*29,2	145,061

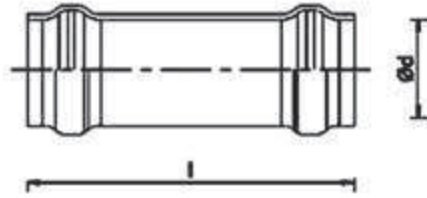
Note: SN 8 Class Pipes are not in the scope of EN 1401 for 710 mm and bigger Outside Diameters. They are manufactured on request.

Not: * dış çap 710 ve üzeri SN 8 sınıfı borular standart kapsamında olmayıp, özel olarak üretilmektedir.

SEWER SYSTEMS / KANALİZASYONBORU VE EK PARÇALARI

SN8 PVC-U SEWER COLLAR SLEEVE
SN8 PVC-U KANAL KAYAR MANŞON

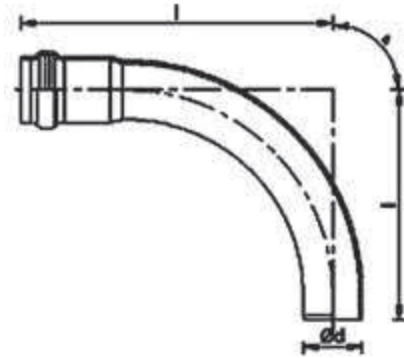
ПВХ муфта для безнапорной канализации
وصلة



ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
23017110	110	290
23017125	125	290
23017160	160	300
23017200	200	370
23017250	250	480
23017315	315	605
23017355	355	610
23017400	400	680
23017500	500	810
23017630	630	830

SN8 PVC-U SEWER BEND
SN8 PVC-U KANAL DEVE BOYNU 45°

ПВХ отвод 45° для
безнапорной канализации
45° عاكس

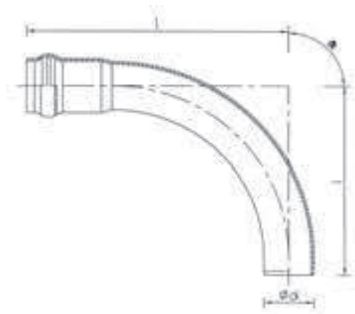


ITEM CODE	Ød(mm)	l(mm) 45°
Kod No	Ød(mm)	l(mm) 45°
23061100045	110	290
23061250045	125	290
23061600045	160	300
23062000045	200	370
23062500045	250	480
23063150045	315	605
23063550045	355	610
23066400045	400	680
23066500045	500	810

SEWER SYSTEMS / KANALİZASYONBORU VE EK PARÇALARI

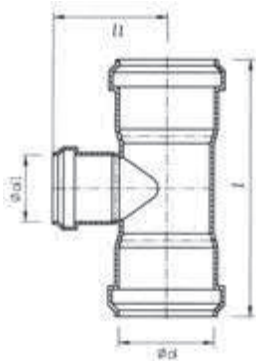
SN8 PVC-U SEWER BEND
SN8 PVC-U KANAL DEVE BOYNU 90°
ПВХ отвод 90° для безнапорной
канализации
90° عاكس

ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
230061100090	110	562
230061250090	125	628
230061600090	160	796
230062000090	200	971
230062500090	250	1190
230063150090	315	1467
230063550090	355	1628
230064000090	400	1823
230065000090	500	2250



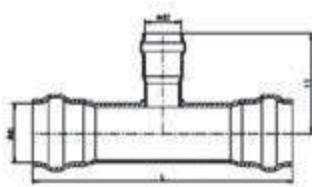
TEE (Socket Joint)
TE (Geçme Muflu)
Тройник (с раструбным соединением
под резиновое кольцо)
مشترك نقاط بطريقه الحقن

ITEM CODE	Ød(mm)	Ød1(mm)	l(mm)	l1(mm)
Kod No	Ød(mm)	Ød1(mm)	l(mm)	l1(mm)
230291600110	160	110	432	193
230291600160	160	160	432	215
230292000110	200	110	455	213
230292000160	200	160	455	235



SN8 PVC-U SEWER TEE
SN8 PVC-U KANAL TE
ПВХ тройник для безнапорной
канализации
تي

ITEM CODE	Ød1/Ød2	l1(mm)	l(mm)
Kod No	Ød1/Ød2	l1(mm)	l(mm)
230292500110	250/110	290	630
230292500160	250/160	310	630
230293150110	315/110	310	700
230293150160	315/160	367	750
230294000110	400/110	350	840
230294000160	400/160	410	890
230295000110	500/110	400	990
230295000160	500/160	460	990
230296300110	630/110	465	1130
230296300160	630/160	525	1130



MALE END PLUG

SN8 PVC-U ERKEK KÖRTAPA

ПВХ заглушка для безнапорной канализации

سدة ذكر



ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
23014110 E 06	110	132
23014160 E 06	160	160

ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
23014110 E 10	110	132
23014160 E 10	160	160

SN8 PVC-U END PLUG (Socket Joint)

SN8 PVC-U KÖRTAPA (Geçme Muflu)

ПВХ заглушка для безнапорной канализации (раструбное соединение с уплотнительным кольцом)

سدة نهايه خط (جوان)



ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
23014110 DM	110	131
23014160 DM	160	174

SN8 PVC-U END PLUG (Solvent Cement Joint)

SN8 PVC-U KÖRTAPA (Yapıştırma Muflu)

ПВХ заглушка для безнапорной канализации (клеевое соединение)

سدة نهايه خط تلصيق



ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
23014110 DM	110	85
23014160 DM	160	116

EGE CORRUGATED PIPES & FITTINGS

EGE KORUGE BORU VE EK PARÇALARI

- ◆ Yüksek akış performansı
- ◆ Dış yüklerle karşı üstün dayanıklılık
- ◆ Uzun çalışma ömrü
- ◆ Hafif olması nedeniyle taşıma ve stoklama kolaylığı
- ◆ Esnek sızdırmaz yer sarsıntılarından etkilenmez
- ◆ Ekonomik
- ◆ Kimyasal maddelere karşı dayanıklılık
- ◆ Bakım kolaylığı
- ◆ Firesiz çalışma imkanı

- ◆ High fluidity performance
- ◆ Long working life
- ◆ Easiness of handling and stocking due to its light weight
- ◆ Free from earthquake effects and leakage
- ◆ Economic
- ◆ Resistant to chemicals
- ◆ Easy to repair



TS EN ISO 9001:2000

EGE CORRUGATED PIPES AND FITTINGS

Raw Material: HDPE (High Density Polyethylene)

Fields in use:

- Sewage lines
- Drainage lines
- Rainwater lines
- Industrial sewer lines
- Home sewer lines

Advantages:

- High fluidity performance
- Long working life
- Free from earthquake effects and leakage
- Economic
- Resistant to chemicals
- Easy to repair
- Easiness of handling and stocking due to its light weight

Production Range: Inside diameter 150-200-300-400-500 mm

Types of Pipes: Ring stiffness value of production is in both SN4 and SN8 classes.

Related Standarts: According to EN ISO 13476-3

Connection Type: Pipes and fittings are connected with rubber ring socket joint method.

Fields of Use: In Sewer Systems there is non pressure flow of water. Pipes are faced with external loading. Therefore, type of soil and traffic are criterias to select the type of pipe. Related installation standarts have to be applied for underground Sewer Systems.

EGE KORUGE BORU VE EK PARÇALARI

Hammaddesi: HDPE (Yüksek Yoğunluklu Polietilen)

Kullanım Sahası:

- Kanalizasyon hatları
- Drenaj ve toprak zemin sularını taşıma hatları
- Yağmur suyu hatları
- Sanayi ve endüstriyel atık su hatları
- Evsel atık sularını uzaklaştırma hatlarında kullanılır.

Üretim Aralığı: İç çap 150 – 200 – 300 – 400 – 500 mm olarak üretimi mevcuttur.

Boru Tipleri: Üst yükleme sınıfları (Ring stiffness value) SN 4 ve SN 8 kN/m² olmak üzere iki sınıfta üretilmektedir.

İlgili Standart: EN ISO 13476-3'e uygun olarak üretilmektedir.

Birleştirme şekilleri: Boru ve ek parçalar contalı geçme yöntemi ile birleştirilir.

Uygulama: Kanalizasyon sistemlerinde basınçlı olmayan cazibeli (serbest) bir akış söz konusudur. Dolayısı ile borular toprak altında dış yüklerle maruz kalırlar. Bu nedenle toprak ve trafik yükü gibi dış yüklerin etkisi çok önem kazanır. Bu yükler analiz edilerek boru tipinin seçimi yapılmalıdır. Atık su kanalizasyon sistemlerinde toprak altında yapılan boru uygulamalarında döşeme kurallarına uyulmalıdır.

EGE CORRUGATED PIPE / EGE KORUGE BORU

EGE CORRUGATED PIPE, INSIDE YELLOW
EGE KORUGE BORU SARI
"EGE" желтая гофрированная труба



SN 4

ITEM CODE	Size(mm)
Kod No	Çap(mm)
240001506000 S4	150
240002006000 S4	200
240003006000 S4	300
240004006000 S4	400
240005006000 S4	500

EGE CORRUGATED PIPE, INSIDE YELLOW
EGE KORUGE BORU SARI
"EGE" желтая гофрированная труба



SN 8

ITEM CODE	Size(mm)
Kod No	Çap(mm)
240001506000 S8	150
240002006000 S8	200
240003006000 S8	300
240004006000 S8	400
240005006000 S8	500

GASKET
KORUGE CONTA
Прокладка

ITEM CODE	Size(mm)
Kod No	Çap(mm)
24031150	150
24031200	200
24031300	300
24031400	400
24031500	500

EGE CORRUGATED PIPES & FITTINGS / EGE KORUGE BORU VE EK PARÇALARI

EGE CORRUGATED PIPE, INSIDE BLUE
EGE KORUGE BORU MAVİ
“EGE” голубая гофрированная труба

SN 4

ITEM CODE	Size(mm)
Kod No	Çap(mm)
240011506000 M4	150
240012006000 M4	200
240013006000 M4	300
240014006000 M4	400
240015006000 M4	500



EGE CORRUGATED PIPE, INSIDE BLUE
EGE KORUGE BORU MAVİ
“EGE” голубая гофрированная труба

SN 8

ITEM CODE	Size(mm)
Kod No	Çap(mm)
240011506000 M8	150
240012006000 M8	200
240013006000 M8	300
240014006000 M8	400
240015006000 M8	500



EGE CORRUGATED PIPES & FITTINGS / EGE KORUGE BORU VE EK PARÇALARI

SOCKET
MANŞON
Муфта



ITEM CODE	Size(mm)
Kod No	Çap(mm)
24015150	150
24015200	200
24015300	300
24015400	400
24015500	500

ELBOW
KORUGE 87,5 DİRSEK
Колено



ITEM CODE	Size(mm)
Kod No	Çap(mm)
24038150	150
24038200	200
24038300	300
24038400	400
24038500	500

REDUCTION
KORUGE REDÜKSİYON
Муфта переходная



ITEM CODE	Size(mm)
Kod No	Çap(mm)
240191500100	150x100
240192000150	200x150
240192000100	200x100
240193000200	300x200
240193000150	300x150
240194000200	400x200
240194000150	400x150
240194000300	400x300
240195000400	500x400

SINGLE BRANCH
KORUGE TEK ÇATAL PVC ÇIKIŞ
Тройник



ITEM CODE	Size(mm)
Kod No	Çap(mm)
24030150100150P	150x100x150
24030150150150P	150x150x150
24030200100200P	200x100x200
24030200150200P	200x150x200
24030200200200P	200x200x200
24030300100300P	300x100x300
24030300150300P	300x150x300
24030300200300P	300x200x300

TEE BRANCH
KORUGE TE ÇATAL
Тройник угловой

ITEM CODE	Size(mm)
Kod No	Çap(mm)
240291500100	150x100
240291500150	150x150
240292000100	200x100
240292000150	200x150
240292000200	200x200
240293000100	300x100
240293000150	300x150
240293000200	300x200
240293000300	300x300
240293000100	300x100
240294000150	400x150
240294000200	400x200
240294000300	400x300
240294000400	400x400
240295000400	500x400
240295000500	500x500



TEE BRANCH
KORUGE TEK ÇATAL C PARÇASI
Тройник угловой

ITEM CODE	Size(mm)
Kod No	Çap(mm)
24030150100150	150x100x150
24030200100200	200x100x200
24030200150200	200x150x200
24030200200200	200x200x200
24030300200300	300x200x300
24030300150300	300x150x300
24030300100300	300x100x300
24030400100400	400x100x400
24030400150400	400x150x400
24030400200400	400x200x400
24030400300400	400x300x400
24030400400400	400x400x400



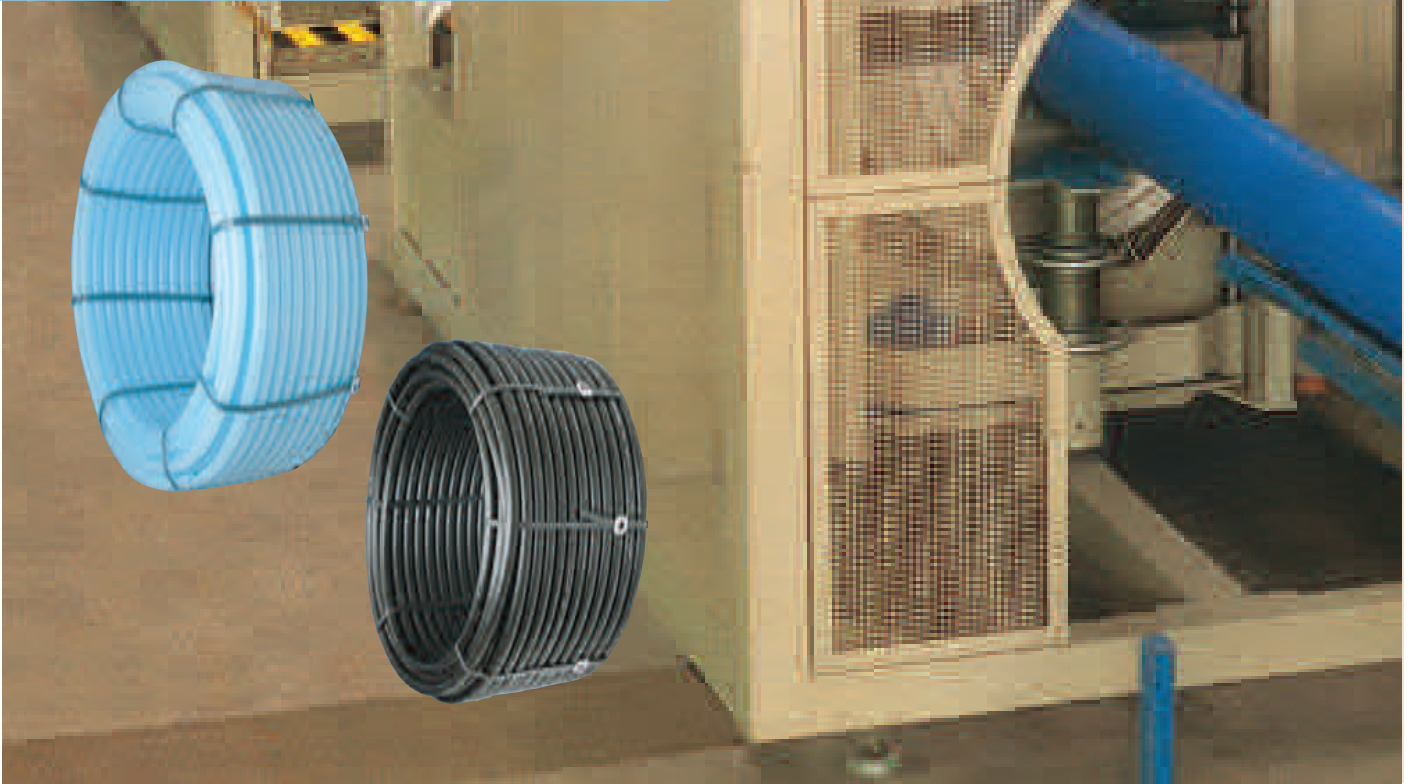
ELBOW 45
KORUGE 45 DİRSEK
Колено

ITEM CODE	Size(mm)
Kod No	Çap(mm)
24037150	150
24037200	200
24037300	300
24037400	400
24037500	500



POLYETHYLENE (PE) SYSTEMS

POLİETİLEN BORU SİSTEMLERİ



TS EN ISO 9001:2000

POLYETHYLENE (PE) SYSTEMS

Manufactures LDPE and HDPE pipes for potable water systems at various sizes between Ø20-Ø630 mm.

Manufactures PE pipes for potable water systems from different grade PE resins between Ø20-Ø630 mm sizes. Complementary PE fittings are also available. Due to its general characteristics PE pipes are one of the best alternative for pressurized pipe systems. Application areas are sea outfall projects, under and above ground water transportation networks, fish cages for fish farming industry etc. Poly-ethylene pipes shall be black for above ground applications.

POLİETİLEN BORU SİSTEMLERİ

PE basınçlı temiz su sistemleri farklı sınıflarda polietilen hammaddelerden imal edilmiş, Ø20-Ø630 mm çaplar arası boruları ve tamamlayıcı ek parçalarını içermektedir.

Polietilenin temel özelliklerinden dolayı, basınçlı temiz su sistemlerinde kullanılan boru tipleri içerisinde iyi alternatiflerden biri Polietilendir.

Deniz deşarj projeleri ve yerüstü basınçlı su şebeke hatları, balık üretme çiftliği üretim kafesleri yapımında kullanılır.

Polietilen boruların yer üstünde kullanılması durumunda siyah renklileri kullanılmalıdır.

TS EN 12201-2 ve 12201-3 Standartına uygun olarak üretilmektedir.



POLYETHYLENE (PE) SYSTEMS / POLİETİLEN BORU SİSTEMLERİ

LDPE PE PIPES

AYPE PE 32 BORULAR

ПЭ 32 (LDPE - Полиэтилен низкой плотности)

انابيب بولي اثيلين منخفض الكثافة نوع بريش



PN SDR Çap (mm)	2,5 BAR 21 s(mm) m (kg/mt)	3,2 BAR 17 s(mm) m (kg/mt)	4 BAR 13,6 s(mm) m (kg/mt)	5 BAR 11 s(mm) m (kg/mt)	6 BAR 9,4 s(mm) m (kg/mt)	8 BAR 7,4 s(mm) m (kg/mt)	10 BAR 6 s(mm) m (kg/mt)
16						2,3 0,101	3,0 0,124
20				2,0 0,113	2,2 0,124	2,3 0,127	3,4 0,174
25			2,5 0,145	2,3 0,164	2,7 0,188	3,5 0,232	4,2 0,269
32		2,0 0,190	2,4 0,223	3,0 0,270	3,5 0,310	4,4 0,372	5,4 0,439
40	2,0 0,240	2,4 0,283	3,0 0,345	3,7 0,415	4,3 0,475	5,5 0,580	6,7 0,679
50	2,4 0,363	3,0 0,439	3,7 0,530	4,6 0,643	5,4 0,741	6,9 0,906	8,4 1,060
63	3,0 0,561	3,8 0,697	4,7 0,844	5,8 1,017	6,8 1,170	8,6 1,422	10,5 1,670
75	3,6 0,801	4,5 0,979	5,6 1,194	6,8 1,419	8,1 1,660	10,3 2,023	12,5 2,360
90	4,3 1,150	5,4 1,406	6,7 1,710	8,2 2,048	9,7 2,370	12,3 2,898	15,0 3,400
110	5,3 1,720	6,6 2,903	8,1 2,523	10,0 3,047	11,8 3,520	15,1 4,339	18,3 5,090
125	6,0 2,190	7,4 2,666	9,2 3,253	11,4 3,942	13,4 4,550	17,1 2,584	20,8 6,560
140	6,7 2,750	8,3 3,344	10,3 4,075	12,7 4,917			
160	7,7 3,600	9,5 4,368	11,8 5,328	14,6 6,451			

NOTE: PE 32 Pipe are not in the scope of standart due to the changes by 30.03.2011

NOT: 30.03.2011 tarihinden itibaren standartların değişmesi nedeniyle

PE 32 borular standart kapsamından çıkarılmış olup, özel olarak üretilmektedir.

HDPE PE 80 PIPES

YYPE PE 80 BORULAR

ПЭ 80 (HDPE - полиэтилен высокой плотности)

انابيب بولي اثيلين متوسطه الكثافة للزراعة



PN SDR Çap (mm)	3,2 BAR 41 s(mm) m (kg/mt)	4 BAR 33 s(mm) m (kg/mt)	5 BAR 26 s(mm) m (kg/mt)	8 BAR 17 s(mm) m (kg/mt)	10 BAR 13,6 s(mm) m (kg/mt)	12,5BAR 11 s(mm) m (kg/mt)	16 BAR 9 s(mm) m (kg/mt)	20 BAR 7,4 s(mm) m (kg/mt)	25 BAR 6 s(mm) m (kg/mt)
16							2,0 0,091	2,3 0,101	3,0 0,124
20						2,0 0,117	2,3 0,131	3,0 0,162	3,4 0,179
25					2,0 0,150	2,3 0,171	3,0 0,211	3,5 0,239	4,2 0,276
32			2,0 0,196	2,4 0,230	3,0 0,280	3,6 0,326	4,4 0,391	5,4 0,452	
40			2,4 0,293	3,0 0,357	3,7 0,430	4,5 0,507	5,5 0,606	6,7 0,701	
50			2,0 0,307	3,0 0,454	3,7 0,548	4,6 0,666	5,6 0,787	6,9 0,931	8,3 1,085
63			2,5 0,486	3,8 0,720	4,7 0,872	5,8 1,050	7,1 1,252	8,6 1,480	10,5 1,725
75			2,9 0,665	4,5 1,015	5,6 1,234	6,8 1,480	8,3 1,744	10,3 2,100	12,5 2,442
90			3,5 0,965	5,4 1,457	6,7 1,767	8,2 2,120	10,1 2,537	12,3 3,020	15,0 3,513
110			4,2 1,416	6,6 2,176	8,1 2,608	10,0 3,140	12,3 3,773	15,1 4,490	18,3 5,236
125			4,8 1,824	7,4 2,807	9,2 3,362	11,4 4,080	14,0 4,875	17,1 5,800	20,8 6,759
140			5,4 2,303	8,3 3,468	10,3 4,212	12,7 5,110	15,4 6,018	19,2 7,270	23,3 8,477
160			6,2 3,020	9,5 4,540	11,8 5,507	14,6 6,670	17,9 7,970	21,9 9,470	26,6 11,058
180			6,9 3,761	10,7 5,733	13,3 6,977	16,4 8,420	20,1 10,066	24,6 12,000	29,9 13,981
200			7,7 4,582	11,9 7,078	14,7 8,566	18,2 10,400	22,4 12,454	27,4 14,800	33,2 17,248
225			8,6 5,737	13,4 8,976	16,6 10,872	20,5 13,100	25,2 15,755	30,8 18,700	37,4 21,846
250			9,6 7,159	14,8 10,991	18,4 13,386	22,8 16,200	27,9 19,385	34,2 23,100	41,5 26,937
280			10,7 8,904	16,6 13,797	20,6 16,776	25,4 20,300	31,3 24,343	38,3 28,900	46,5 33,795
315	7,7 7,507	9,7 9,368	12,1 11,279	18,7 17,474	23,2 21,244	28,6 25,700	35,2 30,791	43,1 36,600	52,3 42,756
355	8,7 9,545	10,9 11,853	13,6 14,338	21,1 22,206	26,1 26,927	32,2 32,600	39,7 39,123	48,5 59,000	59,0 54,338
400	9,8 12,101	12,3 15,056	15,3 18,163	23,7 28,097	29,4 34,164	36,3 41,400	44,7 49,627	61,5 74,600	
450	11,0 15,266	13,8 18,990	17,2 22,949	26,7 35,592	33,1 43,255	40,9 52,400	50,3 62,810		
500	12,3 18,946	15,3 23,380	19,1 28,362	29,7 43,972	36,8 53,416	45,4 64,850	55,8 77,424		
560	13,7 23,621	17,2 29,414	21,4 35,538	33,2 55,041	41,2 66,964	50,8 81,462			
630	15,4 29,849	19,3 37,113	24,1 45,031	37,4 69,729	46,3 84,648	57,2 102,800			

POLYETHYLENE (PE) SYSTEMS / POLİETİLEN BORU SİSTEMLERİ

HDPE PE 100 PIPES
 YYPE PE 100 BORULAR
 ПЭ 100 (HDPE - полиэтилен высокой плотности)
 PE100 انابيب بولي اثيلين



PN SDR Çap (mm)	4 BAR 41 s(mm) m (kg/mt)	5 BAR 33 s(mm) m (kg/mt)	6 BAR 26 s(mm) m (kg/mt)	8 BAR 21 s(mm) m (kg/mt)	10 BAR 17 s(mm) m (kg/mt)	12,5BAR 13,6 s(mm) m (kg/mt)	16 BAR 11 s(mm) m (kg/mt)	20 BAR 9 s(mm) m (kg/mt)	25 BAR 7,4 s(mm) m (kg/mt)
16								2,0 0,091	2,3 0,101
20							2,0 0,117	2,3 0,131	3,0 0,162
25						2,0 0,150	2,3 0,171	3,0 0,211	3,5 0,239
32					2,0 0,196	2,4 0,230	3,0 0,230	3,6 0,326	4,4 0,391
40				2,0 0,249	2,4 0,293	3,0 0,357	3,7 0,430	4,5 0,507	5,5 0,606
50			2,0 0,307	2,4 0,371	3,0 0,454	3,7 0,548	4,6 0,666	5,6 0,787	6,9 0,931
63			2,5 0,486	3,0 0,580	3,8 0,720	4,7 0,872	5,8 1,050	7,1 1,252	8,6 1,480
75			2,9 0,665	3,6 0,825	4,5 1,015	5,6 1,234	6,8 1,480	8,3 1,744	10,3 2,100
90			3,5 0,965	4,3 1,178	5,4 1,457	6,7 1,767	8,2 2,120	10,1 2,537	12,3 3,020
110			4,2 1,416	5,3 1,767	6,6 2,176	8,1 2,608	10,0 3,140	12,3 3,773	15,1 4,490
125			4,8 1,824	6,0 2,269	7,4 2,807	9,2 3,362	11,4 4,080	14,0 4,875	17,1 5,800
140			5,4 2,303	6,7 2,834	8,3 3,468	10,3 4,212	12,7 5,110	15,4 6,018	19,2 7,270
160			6,2 3,020	7,7 3,714	9,5 4,540	11,8 5,507	14,6 6,670	17,9 7,970	21,9 9,470
180			6,9 3,761	8,6 4,663	10,7 5,733	13,3 6,977	16,4 8,420	20,1 10,066	24,6 12,000
200			7,7 4,582	9,6 5,766	11,9 7,078	14,7 8,566	18,2 10,400	22,4 12,454	27,4 14,800
225			8,6 5,737	10,8 7,303	13,4 8,976	16,6 10,872	20,5 13,100	25,2 15,755	34,2 23,100
250			9,6 7,159	11,9 8,938	14,8 10,991	18,4 13,386	22,7 16,200	27,9 19,385	38,3 28,900
280			10,7 8,904	13,4 11,260	16,6 13,797	20,6 16,776	25,4 20,300	31,3 24,343	43,1 36,600
315	7,7 7,507	9,7 9,368	12,1 11,279	15,0 14,174	18,7 17,474	23,2 21,244	28,6 25,700	35,2 30,791	48,5 46,400
355	8,7 9,545	10,9 11,853	13,6 14,338	16,9 17,985	21,1 22,206	26,1 26,927	32,2 32,600	39,7 39,123	54,7 59,000
400	9,8 12,101	12,3 15,056	15,3 18,163	19,1 22,885	23,7 28,097	29,4 34,164	36,3 41,400	44,7 49,627	61,5 74,600
450	11,0 15,266	13,8 18,990	17,2 22,949	21,5 28,965	26,7 35,592	33,1 43,255	40,9 52,400	50,3 62,810	
500	12,3 18,946	15,3 23,380	19,1 28,362	23,9 35,760	29,7 43,972	36,8 53,416	45,4 64,850	55,8 77,424	
560	13,7 23,621	17,2 29,414	21,4 35,538	26,7 44,732	33,2 55,042	41,2 66,964	50,8 81,462		
630	15,4 29,849	19,3 37,113	24,1 45,031	30,0 56,526	37,4 69,729	46,3 84,648	57,2 102,800		

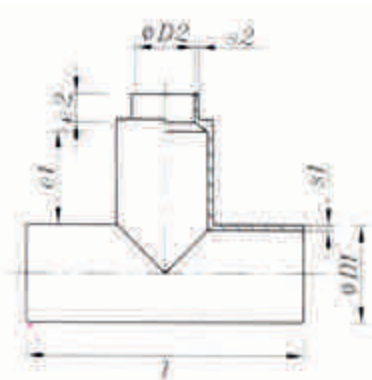
POLYETHYLENE (PE) SYSTEMS / POLİETİLEN BORU SİSTEMLERİ

SPIGOT REDUCING TE

SPİGOT REDÜKSİYON TE

ПЭ100 сварочные соединительные фитинги

تي نقاص



SN2 SDR 51

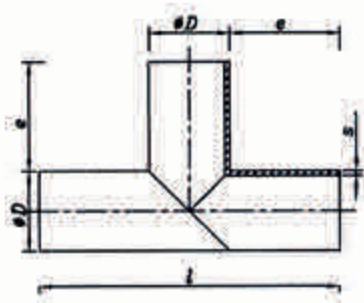
ITEM CODE	ØD1 (mm)	ØD2 (mm)	s1 (mm)	s2 (mm)	e1 (mm)	e2 (mm)	l (mm)
Kod No	ØD1 (mm)	ØD2 (mm)	s1 (mm)	s2 (mm)	e1 (mm)	e2 (mm)	l (mm)
18TRAA110090 S	110	90	6,60	5,40	150	150	410
18TRAA125090 S	125	90	7,40	5,40	150	152,5	430
18TRAA125110 S	125	110	7,40	6,60	150	152,5	430
18TRAA140090 S	140	90	8,30	5,40	150	150	440
18TRAA140110 S	140	110	8,30	6,60	150	150	440
18TRAA140125 S	140	125	8,30	7,40	150	150	440
18TRAA160090 S	160	90	9,50	5,40	150	150	460
18TRAA160110 S	160	110	9,50	5,40	150	150	460
18TRAA160125 S	160	125	9,50	7,40	150	150	460
18TRAA160140 S	160	140	9,50	8,30	150	150	460
18TRAA180090 S	180	90	10,70	5,40	150	150	480
18TRAA180110 S	180	110	10,70	7,40	150	150	480
18TRAA180125 S	180	125	10,70	7,40	150	150	480
18TRAA180140 S	180	140	10,70	9,50	150	150	480
18TRAA180160 S	180	160	10,70	9,50	150	150	480
18TRAA200090 S	200	90	11,90	5,40	150	150	500
18TRAA200110 S	200	110	11,90	6,60	150	150	500
18TRAA200125 S	200	125	11,90	6,60	150	150	500
18TRAA200140 S	200	140	11,90	8,30	150	150	500
18TRAA200160 S	200	160	11,90	9,50	150	150	500
18TRAA200180 S	200	180	11,90	10,70	150	150	500
18TRAA225090 S	225	90	13,40	5,40	150	153	530
18TRAA225110 S	225	110	13,40	6,60	150	153	530
18TRAA225125 S	225	125	13,40	7,40	150	153	530
18TRAA225140 S	225	140	13,40	8,30	150	153	530
18TRAA225160 S	225	160	13,40	9,50	150	153	530
18TRAA225180 S	225	180	13,40	10,70	150	153	530
18TRAA225200 S	225	200	13,40	10,70	150	153	530
18TRAA250090 S	250	90	14,80	5,40	150	250	750
18TRAA250110 S	250	110	14,80	6,60	150	250	750
18TRAA250125 S	250	125	14,80	7,40	150	250	750
18TRAA250140 S	250	140	14,80	8,30	150	250	750
18TRAA250160 S	250	160	14,80	9,50	150	250	750
18TRAA250180 S	250	180	14,80	10,70	150	250	750
18TRAA250200 S	250	200	14,80	11,90	150	250	750
18TRAA250225 S	250	225	14,80	13,40	150	250	750
18025280250S10	280	250	16,60	14,80			
18025315280S10	315	280	18,70	16,60			
18025355315S10	355	315	21,10	18,70			
18025355315S10	400	355	23,70	21,10			

SPIGOT EQUAL TEE

SPİGOT EŞİT TE

ПЭ тройник

تي أنشئ



PE100 PN10

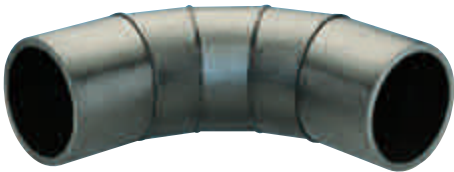
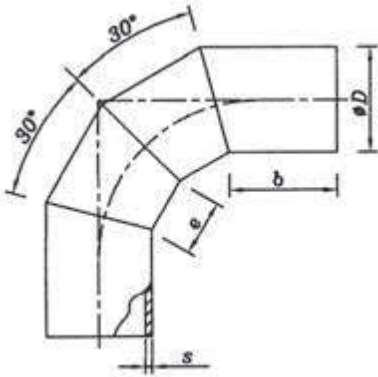
ITEM CODE	ØD1 (mm)	s (mm)	e (mm)	l (mm)
Kod No	ØD1 (mm)	s (mm)	e (mm)	l (mm)
18TEAA090 S	90	8,20	150	390
18TEAA110 S	110	10,00	150	410
18TEAA125 S	125	11,40	153	430
18TEAA140 S	140	12,70	150	440
18TEAA160 S	160	14,60	150	460
18TEAA180 S	180	16,40	150	480
18TEAA200 S	200	18,20	150	500
18TEAA225 S	225	20,50	153	530
18TEAA250 S	250	22,80	250	750
18025280 S 10	280	25,40		
18025315 S 10	315	28,60		
18025355 S 10	355	32,20		
18025400 S 10	400	36,30		
18025450 S 10	450	40,90		
18025500 S 10	500	45,40		

POLYETHYLENE (PE) SYSTEMS / POLİETİLEN BORU SİSTEMLERİ

SPIGOT ELBOW 90°
SPİGOT DİRSEK 90°
ПЭ угольник 90°
90° كوع

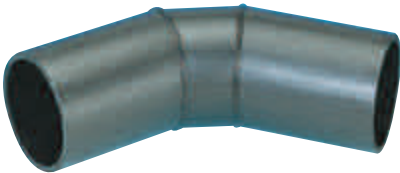
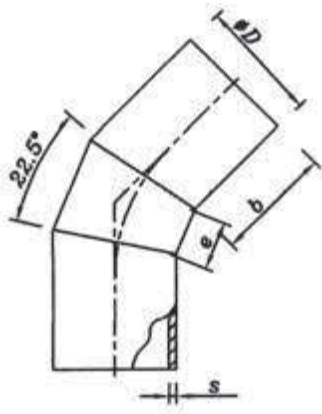
PE100 PN10

ITEM CODE	ØD1 (mm)	s (mm)	e (mm)	b (mm)
Kod No	ØD1 (mm)	s (mm)	e (mm)	b (mm)
18DIAA090 90S	90	5,40	44	173
18DIAA110 90S	110	6,60	44	173
18DIAA125 90S	125	7,40	50	175
18DIAA140 90S	140	8,30	56	178
18DIAA160 90S	160	9,50	64	182
18DIAA180 90S	180	10,70	72	186
18DIAA200 90S	200	11,90	80	190
18DIAA225 90S	225	13,40	90	196
18DIAA250 90S	250	14,80	99	307
18DIAA280 90S	280	16,60	111	306
18DIAA315 90S	315	18,70	125	365
18008355090S	355	21,10		
18008400090S	400	23,70		
18008450090S	450	26,70		
18008500090S	500	29,70		



PE100 PN10

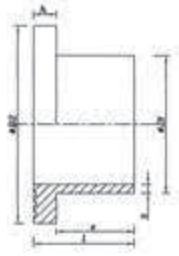
ITEM CODE	ØD1 (mm)	s (mm)	e (mm)	b (mm)
Kod No	ØD1 (mm)	s (mm)	e (mm)	b (mm)
18DIAA090 45S	90	5,40	44	173
18DIAA110 45S	110	6,60	44	173
18DIAA125 45S	125	7,40	50	175
18DIAA140 45S	140	8,30	56	178
18DIAA160 45S	160	9,50	64	182
18DIAA180 45S	180	10,70	72	186
18DIAA200 45S	200	11,90	80	190
18DIAA225 45S	225	13,40	90	196
18DIAA250 45S	250	14,80	99	307
18DIAA280 45S	280	16,60	111	306
18DIAA315 45S	315	18,70	125	365
18008355045 S10	355	21,10		
18008400045 S10	400	23,70		
18008450045 S10	450	26,70		
18008500045 S10	500	29,70		



SPIGOT ELBOW 45°
SPİGOT DİRSEK 45°
ПЭ угольник 45°
45° كوع

POLYETHYLENE (PE) SYSTEMS / POLİETİLEN BORU SİSTEMLERİ

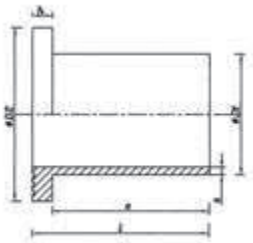
SPIGOT STUB END (Short)
SPİGOT FLANŞ ADAPTÖR (Kısa)
ПЭ фланцевый адаптор (короткий)
(محول فلانج) قصير



PE100 PN10

ITEM CODE	ØD1 (mm)	ØD2 (mm)	s (mm)	e (mm)	h (mm)	l (mm)
Kod No	ØD1 (mm)	ØD2 (mm)	s (mm)	e (mm)	h (mm)	l (mm)
18FPAA090 S	90	138	5,40	63	17	80
18FPAA110 S	110	158	6,60	62	18	80
18FPAA125 S	125	158	7,40	55	25	80
18FPAA140 S	140	188	8,30	55	25	80
18FPAA160 S	160	212	9,50	55	25	80
18FPAA180 S	180	212	10,70	50	30	80
18FPAA200 S	200	268	11,90	68	32	100
18FPAA225 S	225	268	13,40	68	32	100
18FPAA250 S	250	320	14,80	65	35	100
18FPAA280 S	280	320	16,60	65	35	100
18FPAA315 S	315	370	18,70	65	35	100
18015355 S10	355	430	21,10			
18015400 S10	400	482	23,70			
18015450 S10	450	585	26,70			
18015500 S10	500	585	29,70			

SPIGOT STUB END (Elongated)
SPİGOT FLANŞ ADAPTÖR (Uzun)
ПЭ фланцевый адаптор (длинный)
(محول فلانج) طويل



PE100 PN10

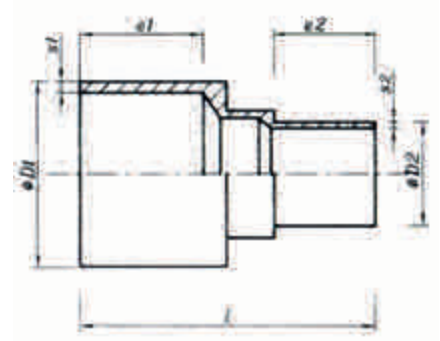
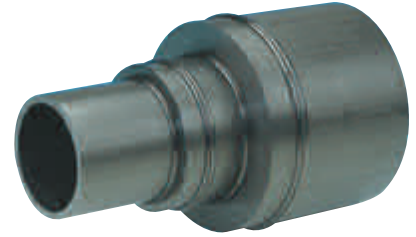
ITEM CODE	ØD1 (mm)	ØD2 (mm)	s (mm)	e (mm)	h (mm)	l (mm)
Kod No	ØD1 (mm)	ØD2 (mm)	s (mm)	e (mm)	h (mm)	l (mm)
18FPAA090 SS	90	138	5,40	123	17	140
18FPAA110 SS	110	158	6,60	142	18	160
18FPAA125 SS	125	158	7,40	145	25	170
18FPAA140 SS	140	188	8,30	175	25	200
18FPAA160 SS	160	212	9,50	175	25	200
18FPAA180 SS	180	212	10,70	170	30	200
18FPAA200 SS	200	268	11,90	168	32	200
18FPAA225 SS	225	268	13,40	168	32	200
18FPAA250 SS	250	320	14,80	215	35	250
18FPAA280 SS	280	320	16,60	215	35	250
18FPAA315 SS	315	370	18,70	215	35	250
18015355 S10	355	430	21,10			
18015400 S10	400	482	23,70			
18015450 S10	450	585	26,70			
18015500 S10	500	585	29,70			

POLYETHYLENE (PE) SYSTEMS / POLİETİLEN BORU SİSTEMLERİ

SPIGOT REDUCING TE
SPİGOT REDÜKSİYON TE
ПЭ переходник
نقاص

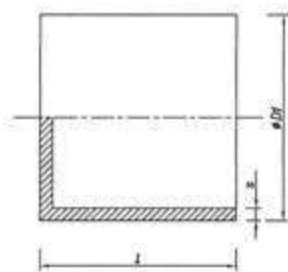
PE100 PN10

ITEM CODE	ØD1 (mm)	ØD2 (mm)	s1 (mm)	s2 (mm)	e1 (mm)	e2 (mm)	l (mm)
Kod No	ØD1 (mm)	ØD2 (mm)	s1 (mm)	s2 (mm)	e1 (mm)	e2 (mm)	l (mm)
18REAA110090 S	110	90	6,60	5,40	87,5	82,5	182,5
18REAA125090 S	125	90	7,40	5,40	90,5	82,5	193,0
18REAA125110 S	125	110	7,40	6,60	90,5	87,5	198,0
18REAA140090 S	140	90	8,30	5,40	96,0	82,5	198,5
18REAA140110 S	140	110	8,30	6,60	96,0	87,0	203,0
18REAA140125 S	140	125	8,30	7,40	96,0	90,5	206,5
18REAA160090 S	160	90	9,50	5,40	106,0	87,0	254,0
18REAA160110 S	160	110	9,50	6,60	106,0	87,0	213,0
18REAA160125 S	160	125	9,50	7,40	106,0	90,5	216,5
18REAA160140 S	160	140	9,50	8,30	106,0	96,0	222,0
18REAA180090 S	180	90	10,70	5,40	112,5	82,5	272,0
18REAA180110 S	180	110	10,70	6,60	112,5	87,0	276,5
18REAA180125 S	180	125	10,70	7,40	112,5	90,5	228,0
18REAA180140 S	180	140	10,70	8,30	112,5	96,0	233,5
18REAA180160 S	180	160	10,70	9,50	112,5	106,0	243,5
18REAA200090 S	200	90	11,90	5,40	117,0	82,5	281,5
18REAA200110 S	200	110	11,90	6,60	117,0	87,0	286,0
18REAA200125 S	200	125	11,90	7,40	117,0	90,5	289,5
18REAA200140 S	200	140	11,90	8,30	117,0	96,0	240,0
18REAA200160 S	200	160	11,90	9,50	117,0	106,0	250,0
18REAA200180 S	200	180	11,90	10,70	117,0	107,5	251,5
18REAA225090 S	225	90	13,40	5,40	110,0	82,5	320,5
18REAA225110 S	225	110	13,40	6,60	110,0	87,0	284,0
18REAA225125 S	225	125	13,40	7,40	110,0	90,5	287,5
18REAA225140 S	225	140	13,40	8,30	110,0	90,6	293,0
18REAA225160 S	225	160	13,40	9,50	110,0	106,0	243,0
18REAA225180 S	225	180	13,40	10,70	110,0	112,5	249,5
18REAA225200 S	225	200	13,40	11,90	110,0	117,0	254,0
18REAA250090 S	250	90	14,80	5,40	125,0	87,5	364,5
18REAA250110 S	250	110	14,80	6,60	125,0	87,0	364,0
18REAA250125 S	250	125	14,80	7,40	125,0	90,5	315,5
18REAA250140 S	250	140	14,80	8,30	125,0	96,0	321,0
18REAA250160 S	250	160	14,80	9,50	125,0	106,0	331,0
18REAA250180 S	250	180	14,80	10,70	125,0	112,5	267,5
18REAA250200 S	250	200	14,80	11,90	125,0	117,0	272,0
18REAA250225 S	250	225	14,80	13,40	125,0	110,0	265,0
18REAA280090 S	280	90	16,60	5,40	135,0	82,5	379,5
18REAA280110 S	280	110	16,60	6,60	135,0	87,0	384,0
18REAA280125 S	280	125	16,60	7,40	135,0	90,5	297,0
18REAA280140 S	280	140	16,60	8,30	135,0	96,0	338,0
18REAA280160 S	280	160	16,60	9,50	135,0	106,0	348,0
18REAA280180 S	280	180	16,60	10,70	135,0	112,5	354,5
18REAA280200 S	280	200	16,60	11,90	135,0	117,0	282,0
18REAA280225 S	280	225	16,60	13,40	135,0	110,0	275,0
18REAA280250 S	280	250	16,60	14,80	135,0	125,0	290,0
18REAA315110 S	315	110	18,70	6,80	144,0	87,0	403,0
18REAA315125 S	315	125	18,70	7,40	144,0	90,5	406,5
18REAA315140 S	315	140	18,70	8,30	144,0	96,0	412,0
18REAA315160 S	315	160	18,70	9,50	144,0	106,0	347,0
18REAA315180 S	315	180	18,70	10,70	144,0	112,5	353,5
18REAA315200 S	315	200	18,70	11,90	144,0	117,0	358,0
18REAA315225 S	315	225	18,70	13,40	144,0	110,0	284,0
18REAA315250 S	315	250	18,70	14,80	144,0	125,0	299,0
18REAA315280 S	315	280	18,70	16,60	144,0	135,0	309,0
18019355315S10	355	315	21,10	18,70			
18019400355S10	400	355	23,70	21,10			
18019450400S10	450	400	26,70	23,70			
18019500450S10	500	450	29,70	26,70			



POLYETHYLENE (PE) SYSTEMS / POLİETİLEN BORU SİSTEMLERİ

SPIGOT END CAP
SPİGOT KÖRTAPA
ПЭ заглушка
سدّة



PE100 PN10

ITEM CODE	ØD1 (mm)	s(mm)	l(mm)
Kod No	ØD2 (mm)	s(mm)	l(mm)
18K0AA090 S	90	5,40	105
18K0AA110 S	110	6,60	122
18K0AA125 S	125	7,40	133
18K0AA140 S	140	8,30	148
18K0AA160 S	160	9,50	151
18K0AA180 S	180	10,70	190
18K0AA200 S	200	11,90	200
18K0AA225 S	225	13,40	210
18K0AA250 S	250	14,80	220
18K0AA280 S	280	16,60	230
18K0AA315 S	315	18,70	240
18014355 S	355		
18014400 S	400		
18014450 S	450		
18014500 S	500		

STEEL FLANGE
ÇELİK FLANŞ
Фланец (стальной)
فلانج



ITEM CODE	DN
Kod No	DN
18FC090	90
18FC110	110
18FC125	125
18FC140	140
18FC160	160
18FC180	180
18FC200	200
18FC225	225
18FC250	250
18FC280	280
18FC315	315

PUSH-IT FITTINGS / MEKANİK EK PARÇALARI

PE MALE ADAPTOR
PE ERKEK ADAPTÖR
ПЭ адаптор с н.р.
محول ذكر بار



PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
106500202020	20X1/2"
106500202525	25X3/4"
106500203240	32X1 1/4"
106500203225	32X3/4"
106500203232	32X1"
106500204040	40X1 1/4"
106500205050	50X1 1/2"
106500205063	50X2"
106500206363	63X2"
106500207575	75X2 1/2"
106500209090	90X3"
10650020110110	110X4"

PE MALE ADAPTOR
PE ERKEK ADAPTÖR
ПЭ адаптор с н.р.
محول ذكر بار



PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
106550202020	20X1/2"
106550202525	25X3/4"
106550203240	32X1 1/4"
106550203225	32X3/4"
106550203232	32X1"
106550204040	40X1 1/4"
106550205050	50X1 1/2"
106550205063	50X2"
106550206363	63X2"
106550207575	75X2 1/2"
106550209090	90X3"
10655020110110	110X4"

PE FEMALE ADAPTOR
PE DİŞİ ADAPTÖR
ПЭ адаптор с вн.р.
محول انثى بار



PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
106500212020	20X1/2"
106500212520	20X3/4"
106500212520	25X1/2"
106500212525	25X3/4"
106500213225	32X3/4"
106500213232	32X1"
106500214032	40X1"
106500214040	40X1 1/4"
106500205050	50X1 1/2"
106500215040	50X1 1/4"
106500206363	63X2"
106500207575	75X2 1/2"
106500209090	90X3"
10650020110110	110X4"

PE FEMALE ADAPTOR
PE DİŞİ ADAPTÖR
ПЭ адаптор с вн.р.
محول انثى بار



PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
106550212020	20X1/2"
106550212520	20X3/4"
106550212520	25X1/2"
106550212525	25X3/4"
106550213225	32X3/4"
106550213232	32X1"
106550214032	40X1"
106550214040	40X1 1/4"
106550205050	50X1 1/2"
106550215040	50X1 1/4"
106550206363	63X2"
106550207575	75X2 1/2"
106550209090	90X3"
10655020110110	110X4"

PE REDUCER
PE REDÜKSİYON
ПЭ переходник
نقاص بار



PN 10P

10 ATÜ YEŞİL SERİ

ITEM CODE	D1xD2(mm)
Kod No	D1xD2(mm)
106500042520	25x20
106500043220	32x20
106500043225	32x25
106500044032	40x32
106500045040	50x40
106500046350	63x50
106500047563	75x63
106500049075	90x75
1065000411090	110x90

PE REDUCER
PE REDÜKSİYON
ПЭ переходник
نقاص بار



N 16

16 ATÜ MAVİ SERİ

ITEM CODE	D1xD2(mm)
Kod No	D1xD2(mm)
106550042520	25x20
106550043220	32x20
106550043225	32x25
106550044032	40x32
106550045040	50x40
106550046350	63x50
106550047563	75x63
106550049075	90x75
1065500411090	110x90

POLYETHYLENE (PE) SYSTEMS / POLİETİLEN BORU SİSTEMLERİ

PUSH-IT FITTINGS / MEKANİK EK PARÇALARI

PE MALE TEE
PE ERKEK TE
ПЭ тройник с н.р.
تي ذكر بار



PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
10650016202020	20x1/2"x20
10650016252525	20x3/4"x25
10650016252025	25x1/2"x25
10650016323232	32x1"x32
10650016322532	32x3/4"x32
10650016322032	32x1/2"x32
10650016404040	40x1 1/4"x40
10650016403240	40x1"x40
10650016505050	50x1 1/2"x50
10650016504050	50x1 1/4"x50
10650016503250	50x1"x50
10650016636363	63x2"x63"
10650016635063	63x1 1/2"x63
10650016757575	75x2 1/2"x75
10650016909090	90x3"x90

PE MALE TEE
PE ERKEK TE
ПЭ тройник с н.р.
تي ذكر بار



PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
10655016202020	20x1/2"x20
10655016252525	20x3/4"x25
10655016252025	25x1/2"x25
10655016323232	32x1"x32
10655016322532	32x3/4"x32
10655016322032	32x1/2"x32
10655016404040	40x1 1/4"x40
10655016403240	40x1"x40
10655016505050	50x1 1/2"x50
10655016504050	50x1 1/4"x50
10655016503250	50x1"x50
10655016636363	63x2"x63"
10655016635063	63x1 1/2"x63
10655016757575	75x2 1/2"x75
10655016909090	90x3"x90

PE FEMALE TEE
PE DİŞİ TE
ПЭ тройник с вн.р.
تي أنثى بار



PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
10650017202020	20x1/2"x20
10650017252525	20x3/4"x25
10650017252025	25x1/2"x25
10650017323232	32x1"x32
10650017322532	32x3/4"x32
10650017322032	32x1/2"x32
10650017404040	40x1 1/4"x40
10650017403240	40x1"x40
10650017505050	50x1 1/2"x50
10650017504050	50x1 1/4"x50
10650017503250	50x1"x50
10650017636363	63x2"x63"
10650017635063	63x1 1/2"x63
10650017757575	75x2 1/2"x75
10650017909090	90x3"x90

PE FEMALE TEE
PE DİŞİ TE
ПЭ тройник с вн.р.
تي أنثى بار



PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
10655017202020	20x1/2"x20
10655017252525	20x3/4"x25
10655017252025	25x1/2"x25
10655017323232	32x1"x32
10655017322532	32x3/4"x32
10655017322032	32x1/2"x32
10655017404040	40x1 1/4"x40
10655017403240	40x1"x40
10655017505050	50x1 1/2"x50
10655017504050	50x1 1/4"x50
10655017503250	50x1"x50
10655017636363	63x2"x63"
10655017635063	63x1 1/2"x63
10655017757575	75x2 1/2"x75
10655017909090	90x3"x90

PE TEE
PE TE
ПЭ тройник
تي بار



PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	DxDxD(mm)
Kod No	DxDxD(mm)
10650015202020	220x20x20
10650015252525	25x25x25
10650015323232	32x32x32
10650015404040	40x40x40
10650015505050	50x50x50
10650015636363	63x63x63
10650015757575	75x75x75
10650015909090	90x90x90
10650015110110	110x110x110

PE TEE
PE TE
ПЭ тройник
تي بار



PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	DxDxD(mm)
Kod No	DxDxD(mm)
10655015202020	220x20x20
10655015252525	25x25x25
10655015323232	32x32x32
10655015404040	40x40x40
10655015505050	50x50x50
10655015636363	63x63x63
10655015757575	75x75x75
10655015909090	90x90x90
10655015110110	110x110x110

PUSH-IT FITTINGS / MEKANİK EK PARÇALARI

PE MALE ELBOW 90°
PE ERKEK DİRSEK 90°
ПЭ угольник 90° с
كوع ذكر 90° بار



PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
106500132020	20x1/2"
106500132520	25x1/2"
106500132525	25x3/4"
106500132232	32x1"
106500134040	40x1 1/4"
106500135050	50x1 1/2"
106500136363	63x2"

PE MALE ELBOW 90°
PE ERKEK DİRSEK 90°
ПЭ угольник 90° с н.р.
كوع ذكر 90° بار



PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
106550132020	20x1/2"
106550132520	25x1/2"
106550132525	25x3/4"
106550132232	32x1"
106550134040	40x1 1/4"
106550135050	50x1 1/2"
106550136363	63x2"

PE FEMALE ELBOW 90°
PE DİŞİ DİRSEK 90°
ПЭ угольник 90° с в
كوع أنثى 90° بار



PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
106500122020	20x1/2"
106500122525	25x3/4"
106500122520	25x1/2"
106500123232	32x1"
106500124040	40x1 1/4"
106500125050	50x1 1/2"
106500126363	63x2"

PE FEMALE ELBOW 90°
PE DİŞİ DİRSEK 90°
ПЭ угольник 90° с вн.р.
كوع أنثى 90° بار



PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	DxR"(mm)
Kod No	DxR"(mm)
106550122020	20x1/2"
106550122525	25x3/4"
106550122520	25x1/2"
106550123232	32x1"
106550124040	40x1 1/4"
106550125050	50x1 1/2"
106550126363	63x2"

PE ELBOW 90°
PE DİRSEK 90°
ПЭ угольник 90°
كوع 90° بار



PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	DxD(mm)
Kod No	DxD(mm)
106500102020	20x20
106500102525	25x25
106500103232	32x32
106500104040	40x40
106500105050	50x50
106500106363	63x63
106500107575	75x75
106500109090	90x90
10650010110110	110x110

PE ELBOW 90°
PE DİRSEK 90°
ПЭ угольник 90°
كوع 90° بار



PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	DxD(mm)
Kod No	DxD(mm)
106550102020	20x20
106550102525	25x25
106550103232	32x32
106550104040	40x40
106550105050	50x50
106550106363	63x63
106550107575	75x75
106550109090	90x90
10655010110110	110x110

PE END CAP
PE KÖRTAPA
ПЭ заглушка
سدة بار



PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	DxD(mm)
Kod No	DxD(mm)
106500140020	20
106500140025	25
106500140032	32
106500140040	40
106500140050	50
106500140063	63
106500140075	75
106500140090	90
106500140110	110

PE END CAP
PE KÖRTAPA
ПЭ заглушка
سدة بار



PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	DxD(mm)
Kod No	DxD(mm)
106550140020	20
106550140025	25
106550140032	32
106550140040	40
106550140050	50
106550140063	63
106550140075	75
106550140090	90
106550140110	110

PUSH-IT FITTINGS / MEKANİK EK PARÇALARI

PE COUPLING
PE KAPLİNGПЭ муфта
مجمع بار

PN 10

10 ATÜ YEŞİL SERİ

ITEM CODE	D(mm)
Kod No	D(mm)
106500010020	20
106500010025	25
106500010032	32
106500010040	40
106500010050	50
106500010063	63
106500010075	75
106500010090	90
106500010110	110

PE COUPLING
PE KAPLİNGПЭ муфта
مجمع بار

PN 16

16 ATÜ MAVİ SERİ

ITEM CODE	D(mm)
Kod No	D(mm)
106550010020	20
106550010025	25
106550010032	32
106550010040	40
106550010050	50
106550010063	63
106550010075	75
106550010090	90
106550010110	110

PE COUPLER
PE MANŞONПЭ терморезисторная муфта
وصلة اليكتروفیزیون

ITEM CODE	Diameter D(mm)
Kod No	Çap(mm)
ODD020	20
ODD025	25
ODD032	32
ODD040	40
ODD050	50
ODD063	63
ODD075	75
ODD090	90
ODD110	110
ODD125	125
ODD140	140
ODD160	160
ODD180	180
ODD200	200*
ODD225	225*
ODD250	250*
ODD315	315*
ODD365	365*
ODD400	400*

PE BALL VALVE (Female-Male)
KÜRESEL VANA (Dişi-Erkek)ПЭ вентиль с н.р. и вн.р.
(صمام كروي) ذكر-أنثى

ITEM CODE	DxR"(mm)
Kod No	DXR"(mm)

106361600002 32x1" Female/Dişi
106361600001 32x1" Male/Erkek

EF ELBOW 45°
EF DİRSEK 45°ПЭ терморезисторный угольник 45°
كوع 45° اليكتروفیزیون

ITEM CODE	Diameter D(mm)
Kod No	Çap(mm)
OBT090	90
OBT110	110
OBT125	125
OBT160	160
OBT180	180

EF ELBOW 90°
EF DİRSEK 90°ПЭ терморезисторный угольник 90°
كوع 90° اليكتروفیزیون

ITEM CODE	Diameter D(mm)
Kod No	Çap(mm)
OBS025	20
OBS032	25
OBS063	32
OBS090	40
OBS110	50
OBS125	63
OBS160	75
OBS180	90

ELECTRO-FUSION FITTINGS/ EF (ELEKTRO-FÜZYON) EK PARÇALARI

EF EQUAL TEE

EF EŞİT TE

ПЭ терморезисторный тройник

تی متساویة الیکتروفیزیون



ITEM CODE	Diameter D(mm)
Kod No	Çap(mm)

OCS020	20
OCS025	25
OCS032	32
OCS040	40
OCS050	50
OCS063	63
OCS090	90
ODC110	110
OCS125	125
OCS160	160
OCS180	180

EF END CAP

EF KÖRTAPA

ПЭ терморезисторная заглушка

سدة الیکتروفیزیون



ITEM CODE	Diameter D(mm)
Kod No	Çap(mm)

OKA020	20
OKA025	25
OKA032	32
OKA040	40
OKA050	50
OKA063	63
OKA075	75
OKA090	90
OKA110	110
OKA125	125
OKA140	140
OKA160	160
OKA180	180

EF REDUCER

EF REDÜKSİYON

ПЭ терморезисторный переходник

نقاص الیکتروفیزیون



ITEM CODE	Diameter D1xD2(mm)
Kod No	Çap(mm)

DCOC0250020	25x20
DCOC0320020	32x20
DCOC0320025	32x25
DCOC0400032	40x32
DCOC0630032	63x32
DCOC0630040	63x40
DCOC0630050	63x50
DCOC0900063	90x63
DCOC1100063	110x63
DCOC1100090	110x90
DCOC1250063	125x63
DCOC1250090	125x90
DCOC1600110	160x110
DCOC1800125	180x125
DCOC2000160	200x160
DCOC2250160	225x160
DCOC2500180	250x180
DCOC3150250	315x250

EF TAPPING TEE

EF SERVİS TE

ПЭ терморезисторное седло

تی الیکتروفیزیون



ITEM CODE	Diameter D1xD2(mm)
Kod No	Çap(mm)

OCS0400032	40x32
OCS0500032	50x32
OCS0620032	62x32
OCS0750032	75x32
OCS0900032	90x32
OCS1100032	110x32
OCS1250032	125x32
OCS1400032	140x32
OCS1600032	160x32
OCS1800032	180x32
OCS2000032	200x32
OCS2250032	225x32
OCS2500032	250x32
OCS2800032	280x32
OCS3150032	315x32
OCS3550032	355x32
OCS4000032	400x32
OCS0630063	63x63
OCS0900063	90x63
OCS1100063	110x63
OCS1250063	125x63
OCS1400063	140x63
OCS1600063	160x63
OCS1800063	180x63
OCS2000063	200x63
OCS2250063	225x63
OCS2500063	250x63
OCS2800063	280x63
OCS3150063	315x63
OCS3550063	355x63
OCS4000063	400x63
OCS4500063	450x63
OCS5000063	500x63

NATURAL GAS SYSTEMS

DOĞALGAZ SİSTEMLERİ



TS EN ISO 9001:2000



TS EN 1555-2

NATURAL GAS PIPES

Manufactures natural gas pipes using medium density polyethylene resin. These pipes are yellow. Among the general characteristics of polyethylene, flexibility allows the pipes to have superior impact resistance, therefore polyethylene pipes are widely used for inner-city gas distribution lines.

NATURAL GAS FITTINGS

Polyethylene natural gas pipelines are being installed by electrofusion and butt fusion techniques. Fittings for these systems are imported from Europe.

NATURAL GAS PIPES

RAW MATERIAL: PE80, MEDIUM DENSITY POLYETHYLENE

COLOR: YELLOW

STANDARD: TS EN 1555-2

Natural gas pipes are manufactured in coils up to Ø125 mm and in 6 or 12 mt net lengths above 125 mm size. Standard coil length is 100 mt.

ELECTROFUSION FITTINGS

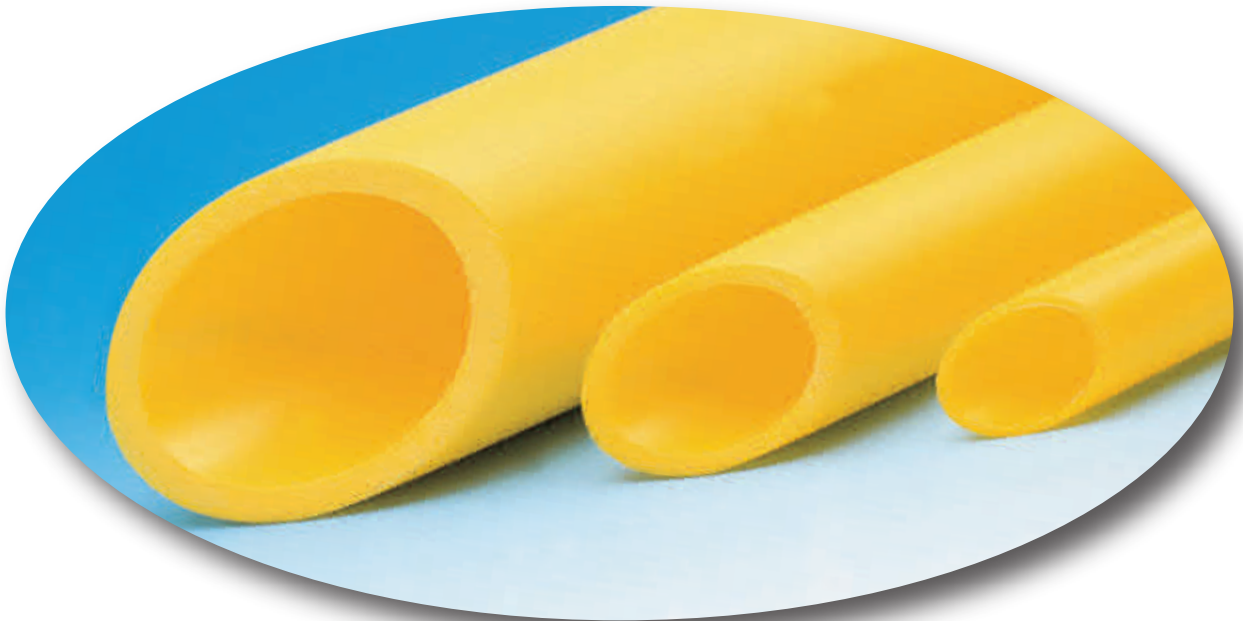
Electrofusion (EF) fittings supplied can be properly used with both natural gas and potable water pipeline systems. PE80 and PE100 EF fittings are available. EF fittings are designed for 40V constant voltage. Each fittings has a barcode on it.

DOĞALGAZ BORULARI

Doğalgaz borularını, Avrupa'nın önde gelen hammadde üreticilerinden temin ettiği orta yoğunluklu polietilen PE80'den imal etmektedir. Özellikle basınçlı boru uygulamaları için en uygun malzeme olan polietilenden imal edilen doğalgaz borularımız sarı renklidir. Polietilenin temel özelliklerinden olan esnek bir malzeme olması çok düşük sıcaklıklarda bile darbe dayanımını garantilemekte ve dolayısı ile doğalgaz gibi çok önemli bir servisin şehir içi dağıtım hatlarında yaygın bir şekilde kullanımını sağlamaktadır.

DOĞALGAZ EK PARÇALARI

Polietilen doğalgaz hatlarının montajında elektrofüzyon kaynağı ve alın kaynağı ile birleşim sağlanmaktadır. İmal edilen doğalgaz boruları ile birlikte kullanılan ek parçalar Avrupa'dan ithal edilmektedir.



NATURAL GAS SYSTEMS / DOĞALGAZ SİSTEMLERİ

NATURAL GAS PIPES DOĞALGAZ BORULARI

ПЭ80 труба для природного газа
أنابيب الغاز الطبيعي



Coil Dimentions / Kanga Boyutlar

Outside Diameter	Standart Coil Length	Min.Inside Diameter(mm)	Outside Diameter (mm)	Width(mm)	Coil Weight (kg)
Boru Çapı	Standart Kanga Boyu(m)	Min. İç. Çap	Dış Çap(mm)	En (mm)	Kanga Ağırlığı (kg)
20	100	0,60	0,90	0,15	16,2
25	100	0,60	0,90	0,20	21,1
32	100	0,80	1,20	0,20	27,9
40	100	0,80	1,20	0,30	43
50	100	1,00	1,50	0,30	66,6
63	100	1,25	1,75	0,45	105
75	100	1,50	2,10	0,45	148
90	100	1,80	2,50	0,42	212
110	100	2,30	2,95	0,55	314
125	100	2,30	3,05	0,65	408

- *125 mm & bigger diametres are manufactured in 6 or 12 meter lengths.
- * O.D. 125 mm is manufactured both in coil and 6 or 12 m. straight lengths.
- *125 mm ve üzeri çaplar 6 veya 12 mt düz boylarda imal edilir.
- * 125 mm hem düz hem kanga olarak imal edilmektedir.

EF COUPLER EF MANŞON

ПЭ муфта терморезисторная
مربط اليكتروفزيون



ITEM CODE	D1 (mm)	SDR	Wall Thickness	Weight (kg/m)
Kod No	D1 (mm)	SDR	Standart Et Kalınlığı	Ağırlık (kg/m)
110010200011	Ø20	SDR11	3,00	0,162
110010250011	Ø25	SDR11	3,00	0,211
110010320011	Ø32	SDR11	3,00	0,279
110010400011	Ø40	SDR11	3,70	0,430
110010500011	Ø50	SDR11	4,60	0,666
110010630011	Ø63	SDR11	5,80	1,050
110010750011	Ø75	SDR11	6,80	1,480
110010900011	Ø90	SDR11	8,20	2,120
110011100011	Ø110	SDR11	10,00	3,140
110011250011	Ø125	SDR11	11,40	4,080
110011400011	Ø140	SDR11	12,70	5,110
110011600011	Ø160	SDR11	14,60	6,670
110011800011	Ø180	SDR11	16,40	8,420
110012000011	Ø200	SDR11	18,20	10,400
110012250011	Ø225	SDR11	20,50	13,100
110012500011	Ø250	SDR11	22,70	16,200
110012800011	Ø280	SDR11	25,40	20,300
110013150011	Ø315	SDR11	28,60	25,700
110013550011	Ø355	SDR11	32,30	32,600
110014000011	Ø400	SDR11	36,40	41,400
110014500011	Ø450	SDR11	40,90	52,400
110015000011	Ø500	SDR11	45,50	64,850
110015600011	Ø560	SDR11	50,90	81,462
110016300011	Ø630	SDR11	57,30	102,800

ITEM CODE	PE80 SDR11 Diameter
Kod No	Çap(mm)
00D020	20
00D025	25
00D032	32
00D040	40
00D050	50
00D063	63
00D075	75
00D090	90
00D110	110
00D125	125
00D140	140
00D160	160
00D180	180
00D200	200
00D225	225
00D250	250
00D315	315
00D355	355

NATURAL GAS SYSTEMS / DOĞALGAZ SİSTEMLERİ

EF ELBOW 90°
EF DİRSEK 90°
ПЭ угольник 90 терморезисторный
كوع 90° اليكتروفیزیون



EF ELBOW 45°
EF DİRSEK 45°
ПЭ угольник 45 терморезисторный
كوع 45° اليكتروفیزیون



EF EQUAL TEE
EF EŞİT TE
ПЭ тройник терморезисторный
تي متساوية اليكتروفیزیون



ITEM CODE	PE80 SDR11 Diameter
Kod No	Çap(mm)
OBS025	25
OBS032	32
OBS063	63
OBS090	90
OBS110	110
OBS125	125
OBS160	160
OBS180	180

ITEM CODE	PE80 SDR11 Diameter
Kod No	Çap(mm)
OBT090	90
OBT110	110
OBT125	125
OBT160	160
OBT180	180

ITEM CODE	PE80 SDR11 Diameter
Kod No	Çap(mm)
OCS020	20
OCS025	25
OCS032	32
OCS040	40
OCS050	50
OCS063	63
OCS090	90
OCS110	110
OCS125	125
OCS160	160
OCS180	180

NATURAL GAS SYSTEMS / DOĞALGAZ SİSTEMLERİ

EF TAPPING TEE

EF SERVİS TE

ПЭ седло отвод терморезисторное

مخرج اليكتروفيزيون



ITEM CODE PE80 SDR11
Diameter
Kod No Çap(mm)

OCS0400032	40x32
OCS0500032	50x32
OCS0630032	63x32
OCS0750032	75x32
OCS0900032	90x32
OCS1100032	110x32
OCS1250032	125x32
OCS1400032	140x32
OCS1600032	160x32
OCS1800032	180x32
OCS2000032	200x32
OCS2250032	225x32
OCS2500032	250x32
OCS2800032	280x32
OCS3150032	315x32
OCS3550032	355x32

ITEM CODE PE80 SDR11
Diameter
Kod No Çap(mm)

OCS4000032	400x32
OCS0630063	63x63
OCS0900063	90x63
OCS1100063	110x63
OCS1400063	140x63
OCS1600063	160x63
OCS1800063	180x63
OCS2000063	200x63
OCS2250063	225x63
OCS2500063	250x63
OCS2800063	280x63
OCS3150063	315x63
OCS3550063	355x63
OCS4000063	400x63
OCS4500063	450x63
OCS5000063	500x63

EF REDUCER

EF REDÜKSİYON

ПЭ переходник терморезисторный

نقاص اليكتروفيزيون



ITEM CODE PE80 SDR11
Diameter
Kod No Çap(mm)

DC0C0250020	25x20
DC0C0320020	32x20
DC0C0320025	32x25
DC0C0400032	40x32
DC0C0630032	63x32
DC0C0630040	63x40
DC0C0630050	63x50
DC0C0900063	90x63
DC0C1100063	110x63
DC0C1100090	110x90
DC0C1250063	125x63
DC0C1250090	125x90
DC0C1600110	160x110
DC0C1800125	180x125
DC0C2000160	200x160
DC0C2250160	225x160
DC0C2500180	250x180
DC0C3150250	315x250

EF END CAP

EF KÖR TAPA

ПЭ заглушка терморезисторная

سدة اليكتروفيزيون



ITEM CODE PE80 SDR11
Diameter
Kod No Çap(mm)

OKA020	20
OKA025	25
OKA032	32
OKA040	40
OKA050	50
OKA063	63
OKA075	75
OKA090	90
OKA110	110
OKA125	125
OKA140	140
OKA160	160
OKA180	180

DRAINAGE SYSTEMS

DRENAJ SİSTEMLERİ



TS EN ISO 9001:2000



TS 9128

DRAINAGE PIPES

Drainage pipes are spiral pipes made from UPVC to drain harmful water (under or above ground). Pipes are manufactured both flat and perforated. Perforated pipes collect water and drain, flat pipes transfer the water collected by perforated pipes to drainage waterways, creeks or rivers. These pipes are manufactured in accordance with TS 9128 and DIN 1187 in yellow color and between 80 – 200 mm size.

DRAINAGE FITTINGS

Fittings are manufactured between 80 – 200 mm sizes. These fittings are: end plug, sleeve, single and double branch, elbows 45° and 87,5° reducer and tee branch.

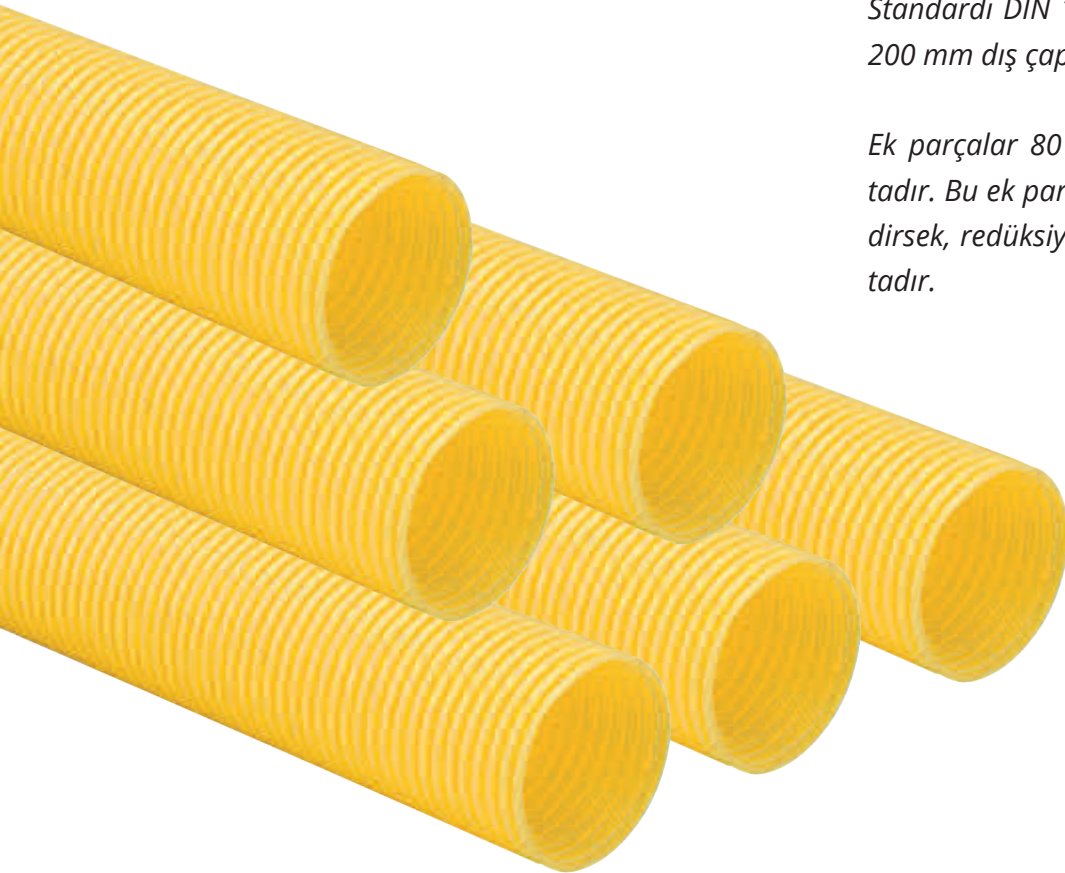
DRENAJ BORULARI

Drenaj boruları, yeraltı ve yerüstünde oluşan zararlı suların bölgeden uzaklaştırılmasında kullanılan PVC-U (Yumuşatıcısız Polivinil Klorür) malzemeden imal edilen daire kesitli borulardır. Delikli ve deliksiz olarak üretimi yapılmaktadır. Delikli drenaj boruları (Toplayıcı Borular), üzerindeki delikler vasıtasıyla suları toplayıp bölgeden uzaklaştırmakta, Deliksiz Drenaj Boruları (Tahliye Borular), Toplayıcı Borular yardımıyla toplanan suları drenaj kanalı, dere veya nehir gibi yerlere taşımakta kullanılırlar.

Drenaj borularının kullanımı ile ilgili detaylı bilgi firmamızın DRENAJ VE TOPRAK ISLAHI adlı kitapçığında mevcuttur.

Bu boruların üretimi Türk Standardı TS 9128 ve Alman Standardı DIN 1187'ye uygun olarak sarı renkte 80 – 200 mm dış çap aralığında yapılmaktadır.

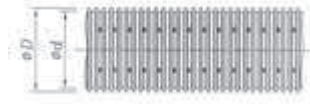
Ek parçalar 80 – 200 mm çap aralığında yapılmaktadır. Bu ek parçalar körtapa, manşon, tek çatal, açık dirsek, redüksiyon, çift çatal ve TE çataldan oluşmaktadır.



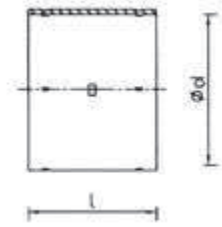
DRAINAGE SYSTEMS / DRENAJ SİSTEMLERİ

PIPE
DRENAJ BORUSUPBX труба для дренажных систем
أنابيب نخلية

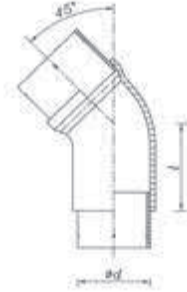
ITEM CODE	ØD(mm)	Ød(mm)	COIL LENGHT	COIL DIMENSIONS LxDxO.Dxnxwidth	UNIT WEIGHT (kg/m)
Kod No	ØD(mm)	Ød(mm)	Kangal Boyu (m)	Kangal Ebadı(m) iççap x dışçap x en	Birim Ağırlık (kg/m)
21001080	80	71,5	100	0,6 x 1,4 x 0,6	0,320
21001100	100	90	100	0,7 x 1,6 x 0,6	0,390
21001125	125	115,5	100	0,75 x 1,9 x 0,6	0,540
21001160	160	145,5	50	1,0 x 1,9 x 0,65	0,850
21001200	200	184,5	50	1,0 x 2,2 x 0,8	1,250

SLEEVE
DRENAJ MANŞONUPBX муфта для дренажных систем
مربط وصل

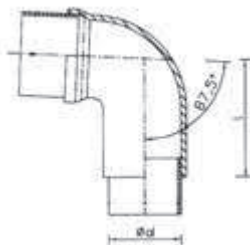
ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
21015080	80	110
21015100	100	110
21012125	125	125
21015160	160	160
21015200	200	160

ELBOW 45°
DRENAJ AÇIK DİRSEK 45°PBX угольник 45° для дренажных систем
كوع 45°

ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
21037080	80	40
21037100	100	50
21037125	125	90
21037160	160	130
21037200	200	140

ELBOW 87,5°
DRENAJ KAPALI DİRSEK 87,5°PBX угольник 87,5° для дренажных систем
كوع 87,5°

ITEM CODE	Ød(mm)	l(mm)
Kod No	Ød(mm)	l(mm)
21038080	80	80
21038100	100	80
21038125	125	120
21038160	160	180
21038200	200	200



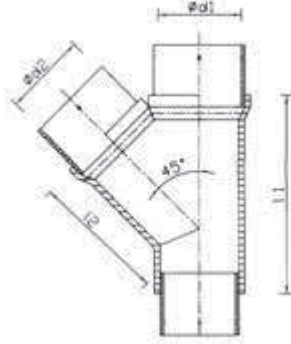
DRAINAGE SYSTEMS / DREN AJ SİSTEMLERİ

SINGLE BRANCH 45°

DREN AJ TEK ÇATAL 45°

ПВХ тройник 45° для дренажных систем

وصله زخمیج 45°



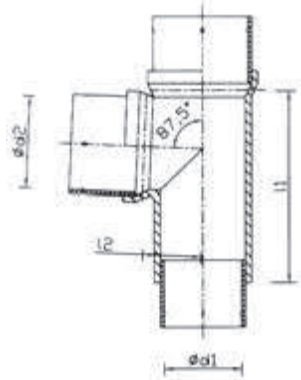
ITEM CODE	Ød1/Ød2 (mm)	L1 (mm)	L2 (mm)
Kod No	Ød1/Ød2 (mm)	L1 (mm)	L2 (mm)
210300800080	80/80	210	150
21030100	100/100	180	140
210301250100	125/100	300	150
210301250125	125/125	320	250
210301600100	160/100	370	170
210301600125	160/125	390	330
210301600160	160/160	440	340
210302000100	200/100	440	230
210302000125	200/125	440	360
210302000160	200/160	440	340
210302000200	200/200	550	450

TEE BRANCH 87,5°

DREN AJ TE ÇATAL 87,5°

ПВХ тройник 87,5° для дренажных систем

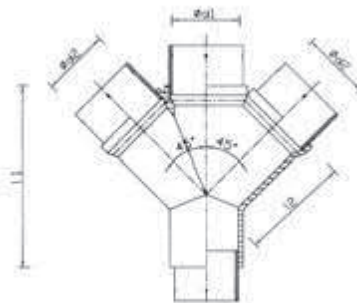
تنی 87,5°



ITEM CODE	Ød1/Ød2 (mm)	L1 (mm)	L2 (mm)
Kod No	Ød1/Ød2 (mm)	L1 (mm)	L2 (mm)
210290800080	80/80	180	60
210290100080	100/80	120	80
210291000100	100/100	130	60
210291250080	125/80	270	160
210291250100	125/100	270	90
210291250125	125/125	270	150
210291600080	160/80	360	280
210291600100	160/100	360	250
210291600125	160/125	360	250
210291600160	160/160	360	210
210292000080	200/80	430	230
210292000100	200/100	430	140
210292000125	200/125	430	270
210292000160	200/160	430	240
210292000200	200/200	470	250

DOUBLE BRANCH 45°

DREN AJ ÇİFT ÇATAL 45°



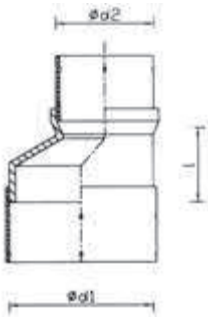
ITEM CODE	Ød1/Ød2 (mm)	L1 (mm)	L2 (mm)
Kod No	Ød1/Ød2 (mm)	L1 (mm)	L2 (mm)
210280800080	80/80	180	60
210281000100	100/100	210	120
210281250100	125/100	310	140
210281250125	125/125	410	280
210281600100	160/100		
210291600125	160/125		
210291600160	160/160		

DRAINAGE SYSTEMS / DRENAJ SİSTEMLERİ

REDUCER DRENAJ REDÜKSİYON

ПВХ переходник для дренажных систем
نقاص

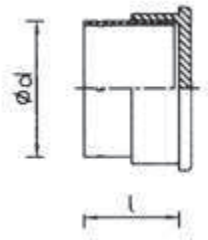
ITEM CODE	Ød1/Ød2 (mm)	l(mm)
Kod No	Çap (mm)	l(mm)
210191000080	100/80	70
210191250100	125/100	50
210191600125	160/125	150
210191600100	160/100	80
210192000100	200/100	200
210192000125	200/125	290
210192000160	200/160	230



ENDPLUG DRENAJ KÖRTAPA

ПВХ заглушка для дренажных систем
سدّة

ITEM CODE	Ød (mm)	l(mm)
Kod No	Çap (mm)	l(mm)
21014080	80	110
21014100	100	80
21014125	125	110
21014160	160	140
21014200	200	140



DRAINAGE CROSS DRENAJ İSTAVROZ

ПВХ Крестовина для дренажных систем
مشتك للتصريف

ITEM CODE	Ød (mm)	l(mm)
Kod No	Çap (mm)	l(mm)
216310800080	80/80	
216311000080	100/80	
216311000100	100/100	
216311600080	160/80	
216311600100	160/100	
216311600125	160/125	
216311600160	160/160	



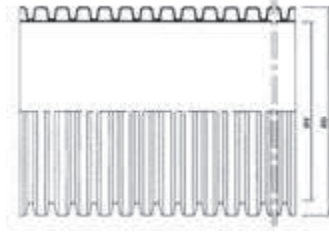
PE
TELECOMMUNICATION
SYSTEMS

PE
TELEKOMÜNİKASYON
SİSTEMLERİ



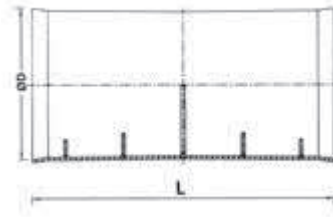
TS EN ISO 9001:2000

HDPE CORRUGATED PIPES
HDPE KORUGE BORUSU
ПЭ гофрированная труба
أنابيب البولي اثيلين



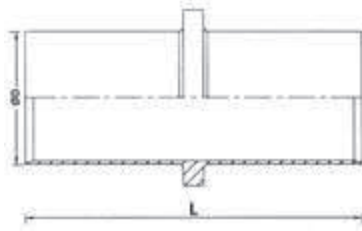
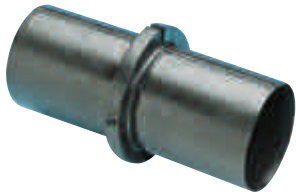
ITEM CODE	Ød (mm)	ØD (mm)	Lenght(m)
Kod No	Ød (mm)	ØD (mm)	Boy(m)
240011106000CO	100	116	6
240011101200CO	100	116	12

SLEEVE
BİRLEŞTİRME MANŞONU
ПЭ соединительная муфта для гофра-труб
وصله



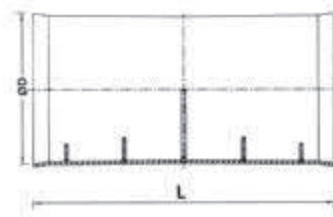
ITEM CODE	ØD (mm)	I(m)
Kod No	ØD (mm)	I(m)
24015110	120	250

ADAPTOR
ADAPTÖR
ПЭ адаптор для гофра-труб
وصله مزدوجه



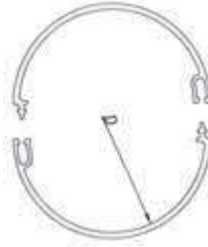
ITEM CODE	ØD (mm)	I(m)
Kod No	ØD (mm)	I(m)
24003110 Y	98	250

REPAIRING SLEEVE
TAMİR MANŞONU
ПЭ ремонтная подвижная муфта для гофра-труб
وصله إصلاح



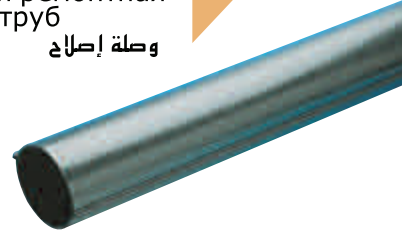
ITEM CODE	ØD (mm)	I(m)
Kod No	ØD (mm)	I(m)
24017110 Y	120	250

ITEM CODE	ØD (mm)	Lenght(m)
Kod No	ØD (mm)	Boy(m)
240151106000	100	6

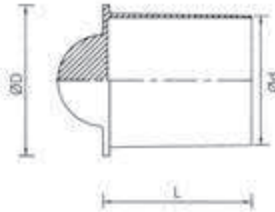


PVC REPAIRING SLEEVE (2 PARTS)
PVC PARÇALI TAMİR MANŞONU

ПЭ удлинительная ремонтная муфта для гофра-труб
وصلة إصلاح



ITEM CODE	Ød (mm)	ØD (mm)	Lenght(m)
Kod No	Ød (mm)	ØD (mm)	Boy(m)
240141110	100	116	6

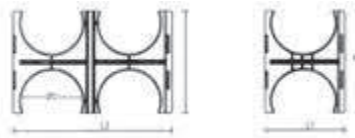


END PLUG
KÖRTAPA

ПЭ заглушка для гофра-труб
سدّة



ITEM CODE	Ød (mm)	l(mm)	h
Kod No	Ød (mm)	l(mm)	h
240060020110 Y	120	150	190



PVC PIPE SUPPORT (2 Grooves)
pvc boru desteği (2'li)

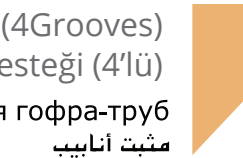
ПЭ заглушка для гофра-труб
سدّة



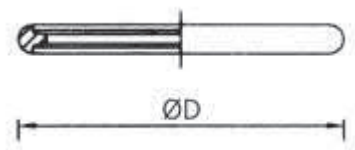
ITEM CODE	Ød (mm)	l(mm)	h
Kod No	Ød (mm)	l(mm)	h
240060020110 Y	116	290	190

PVC PIPE SUPPORT (4Grooves)
pvc boru desteği (4'li)

Опора четверная для гофра-труб
مثبت أنابيب



ITEM CODE	ØD (mm)
Kod No	ÇAP (mm)
24031110 Y	100

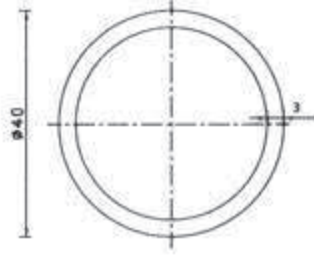
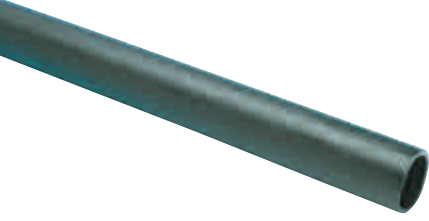


O-RING
CONTA
Резиновое кольцо для гофра-труб
جوان



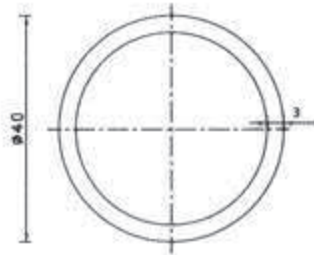
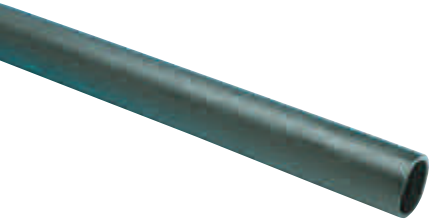
PE CABLE DUCTS / PE TELEKOMÜNİKASYON SİSTEMLERİ

Ø40 mm SINGLE DUCT
Ø40 mm TEKLİ GÖZ ÇOKLAYICI
40мм ПЭ одинарная труба
أنبوب 40 مم



ITEM CODE	WALL THICKNESS	UNIT WEIGHT	RESIN	COLOR
Kod No	Et Kalınlığı	Birim Ağırlık	Malzeme	Renk
18000040 37	3,7 mm	0,430kg/mt	HDPE	Siyah(Black) Mavi (Blue)

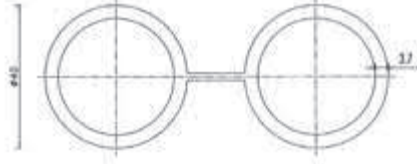
Ø40 mm SINGLE DUCT
Ø40 mm TEKLİ GÖZ ÇOKLAYICI
40мм ПЭ одинарная труба
أنبوب 40 مم



ITEM CODE	WALL THICKNESS	UNIT WEIGHT	RESIN	COLOR
Kod No	Et Kalınlığı	Birim Ağırlık	Malzeme	Renk
18001040 03	3,0 mm	0,357kg/mt	HDPE	Siyah(Black)

ITEM CODE	WALL THICKNESS	UNIT WEIGHT	RESIN	COLOR
Kod No	Et Kalınlığı	Birim Ağırlık	Malzeme	Renk
1800004000 4037	3,7x3,7 mm	0,890kg/mt	HDPE	Siyah(Black) Mavi (Blue)

Ø40 x Ø40 mm DOUBLE DUCT
Ø40 X Ø40 mm İKİLİ GÖZ ÇOKLAYICI
40x40mm ПЭ двойная труба
أنبوب مزدوج 40 مم

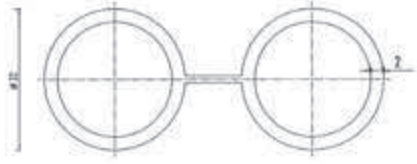


Ø40 x Ø40 mm DOUBLE DUCT
Ø40 x Ø40 mm İKİLİ GÖZ ÇOKLAYICI



ITEM CODE	WALL THICKNESS	UNIT WEIGHT	RESIN	COLOR
Kod No	Et Kalınlığı	Birim Ağırlık	Malzeme	Renk
1800003200 3220	2,0x2,0 mm	0,422kg/mt	HDPE	Siyah(Black) Mavi (Blue)

Ø32 x Ø32 mm DOUBLE DUCT
Ø32 x Ø32 mm İKİLİ GÖZ ÇOKLAYICI
32x32mm ПЭ двойная труба
أنبوب مزدوج 32 مم

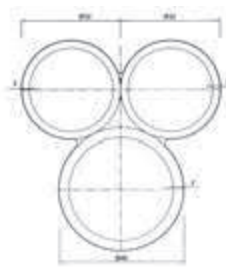


Ø32 x Ø32 mm DOUBLE DUCT
Ø32 x Ø32 mm İKİLİ GÖZ ÇOKLAYICI



ITEM CODE	WALL THICKNESS	UNIT WEIGHT	COAT THICKNESS	RESIN	COLOR
Kod No	Et Kalınlığı	Birim Ağırlık	Kaplama Kalınlığı	Malzeme	Renk
181000323240	2,0x2,0x2,0 mm	0,780kg/mt	0,5 mm	LDPE-HDPE	Siyah(Black)

Ø32 x Ø40 x Ø32 mm TRIPLE DUCT
Ø32 x Ø40 X Ø32 mm ÜÇLÜ GÖZ ÇOKLAYICI
32x40x32mm ПЭ тройная труба
32x40x32mm أنبوب ثلاثي

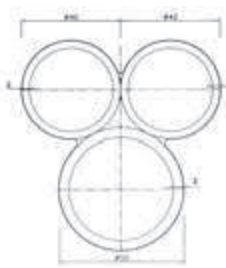


Ø32 x Ø40 x Ø32 mm TRIPLE DUCT
Ø32 x Ø40 x Ø32 mm ÜÇLÜ GÖZ ÇOKLAYICI



ITEM CODE	WALL THICKNESS	UNIT WEIGHT	COAT THICKNESS	RESIN	COLOR
Kod No	Et Kalınlığı	Birim Ağırlık	Kaplama Kalınlığı	Malzeme	Renk
180030404050	2,0x2,0x2,0 mm	1,388kg/mt	0,5 mm	LDPE-HDPE	Siyah(Black)

Ø40 x Ø50 x Ø40 mm TRIPLE DUCT
Ø40 x Ø50 X Ø40 mm ÜÇLÜ GÖZ ÇOKLAYICI
40x50x40mm ПЭ тройная труба
40x50x40mm أنبوب ثلاثي



Ø40 x Ø50 x Ø40 mm TRIPLE DUCT
Ø40 x Ø50 x Ø40 mm ÜÇLÜ GÖZ ÇOKLAYICI



*Ø32, Ø40 and Ø50 mm. couplings and end plugs are available for cable ducts.

*Göz çoklayıcılar için Ø32, Ø40 ve Ø50 mm çaplarında birleştirme manşonu ve tıkama kepi mevcuttur.



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PVC PIPES & FITTINGS

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PVC WASTE WATER PIPE AND FITTINGS

PVC PİS SU
BORU VE EK
PARÇALARI



TS EN ISO 9001:2000



PVC-U WASTE WATER PIPE AND FITTINGS

PVC-U Waste Water Pipes and Fittings with sealing ring and stable gasket is manufactured firstly by and patented. The production complying with the standard of TS EN 1329-1 are in two types, namely B and BD types.

Application Area

Waste Water Systems for buildings (hot and cold). Ventilation Systems in the waste water systems for buildings. Down Pipes in Rain Gutter Systems. B Type Waste Water Pipes and Fittings are used inside the buildings. BD Type Waste Water Pipes and Fittings are used inside building and outside building installed on the wall or underground within 1 m distance from the buildings. We also manufacture another type of PVC pipes with less wall thickness named "Type 2", which was included in the old standard.

PVC-U PİS SU BORU VE EK PARÇALARI

PVC-U Pis Su Boru ve Ek Parçaları, segmanlı, sabit contalı olarak Türkiye'de ilk defa tarafından üretilmiştir. Üretim B ve BD olmak üzere 2 tipte olup, TS 275-1 EN 1329-1 standardı kapsamın-da yapılmaktadır.

Kullanım Sahası

Evsel atık sular (sıcak-soğuk)
Evsel atık su hatları için havalandırma sistemleri
Bina yağmur suyu tesisatlarında kullanılır.

B Tipi Pis Su Boru ve Ek Parçaları sadece bina içlerinde, BD Tipi Pis Su Boru ve Ek Parçaları ise bina içlerinde ve bina içi toprak altına gömülü olarak kullanılır. Bu standart üretimimiz dışında daha ince et kalınlığında Özel Amaçlı adı altında PVC boru üretimimiz de mevcuttur.

COMPARISON OF THE WALL THICKNESSES OF DIFFERENT TYPES

STANDART KAPSAMINDAKİ PVC-U PİS SU BORU VE EK PARÇALARI İLE PVC-U ÖZEL AMAÇLI PİS SU BORU VE EK PARÇALAR

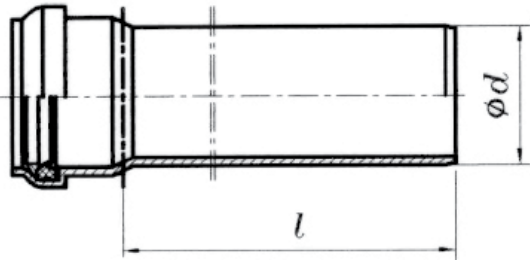
Diameter Ød mm Çap Ød mm	TS 275-1 EN		TYPE 2 S min. Özel Amaçlı S min.
	TYPE B S min. B Tipi S min.	TYPE BD S min. BD Tipi S min.	
Ød 50	3,0 mm	-	1,8
Ød 75	3,0 mm	3,0 mm	1,8
Ød 110	3,2 mm	3,2 mm	2,2
Ød 125	3,2 mm	3,2 mm	2,5
Ød 160	3,2 mm	4,0 mm	-
Ød 200	3,9 mm	4,9 mm	-
Ød 250	4,9 mm	6,2 mm	-
RING COLOR Ring Rengi	BLUE Mavi	BLUE Mavi ORANGE Turuncu	YELLOW Sarı

PVC-U WASTE WATER PIPE AND FITTINGS

PVC-U WASTE WATER PIPES
PVC-U PİS SU BORULARI

ПВХ труба для сточных вод

انبوب بي في سي



Building Group / Bina Grubu

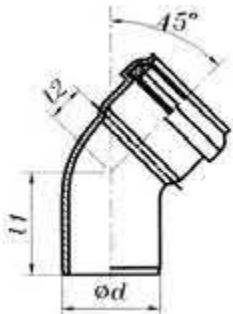
ITEM CODE	Nominal Diameter	Outside Diameter	Type	Length (mm)	Pcs/Pkg
Kod No	Anma Çapı	Dış Çap Ød (mm)	Tip	Boy (mm)	Adet/Paket
055010500150	50	50	B	150	100
055010500250	50	50	B	250	75
055010500500	50	50	B	500	40
055010501000	50	50	B	1000	10
055010502000	50	50	B	2000	10
055010503000	50	50	B	3000	10
055010506000	50	50	B	6000	1
055010700150	70	75	BD	150	60
055010700250	70	75	BD	250	35
055010700500	70	75	BD	500	10
055010700750	70	75	BD	750	20
055010701000	70	75	BD	1000	10
055010702000	70	75	BD	2000	1
055010703000	70	75	BD	3000	1
055010706000	70	75	BD	6000	1
055011000150	100	110	BD	150	25
055011000250	100	110	BD	250	20
055011000500	100	110	BD	500	10
055011000750	100	110	BD	750	10
055011001000	100	110	BD	1000	10
055011002000	100	110	BD	2000	1
055011003000	100	110	BD	3000	1
055011006000	100	110	BD	6000	1
055011250150	125	125	BD	150	20
055011250250	125	125	BD	250	13
055011250500	125	125	BD	500	7
055011250750	125	125	BD	750	7
055011251000	125	125	BD	1000	7
055011252000	125	125	BD	2000	1
055011253000	125	125	BD	3000	1
055011256000	125	125	BD	6000	1
050011500150	150	160	B	150	9
050011500250	150	160	B	250	9
050011500500	150	160	B	500	4
0500115001000	150	160	B	1000	4
0500115002000	150	160	B	2000	1
0500115003000	150	160	B	3000	1

ITEM CODE	Nominal Diameter	Outside Diameter	Type	Length (mm)	Pcs/Pkg
Kod No	Anma Çapı	Dış Çap Ød (mm)	Tip	Boy (mm)	Adet/Paket
0500115006000	150	160	B	6000	1
055011500150	150	160	BD	150	15
055011500250	150	160	BD	250	10
055011500500	150	160	BD	500	4
055011501000	150	160	BD	1000	4
055011502000	150	160	BD	2000	1
055011503000	150	160	BD	3000	1
055011506000	150	160	BD	6000	1
050012000150	200	200	B	150	6
050012000250	200	200	B	250	6
050012000500	200	200	B	500	3
050012001000	200	200	B	1000	3
050012002000	200	200	B	1000	1
050012003000	200	200	B	3000	1
050012006000	200	200	B	6000	1
055012000150	200	200	BD	150	9
055012000250	200	200	BD	250	9
055012000500	200	200	BD	500	4
055012001000	200	200	BD	1000	4
055012002000	200	200	BD	2000	1
055012003000	200	200	BD	3000	1
055012006000	200	200	BD	6000	1
040012500150	250	250	B	150	1
040012500250	250	250	B	250	1
040012500500	250	250	B	500	1
040012501000	250	250	B	1000	1
040012502000	250	250	B	2000	1
040012503000	250	250	B	3000	1
040012506000	250	250	B	6000	1
045012500150	250	250	BD	150	1
045012500250	250	250	BD	250	1
045012500500	250	250	BD	500	1
045012501000	250	250	BD	1000	1
045012502000	250	250	BD	2000	1
045012503000	250	250	BD	3000	1
045012506000	250	250	BD	6000	1

PVC-U WASTE WATER PIPE AND FITTINGS

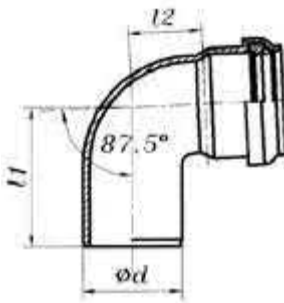
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05537050	50	B	51	20	200
05537070	75	BD	64	28	80
05537100	110	BD	86	30	30
05537125	125	BD	101	33	20
05037150	160	B	115	45	10
05537150	160	BD	115	45	10
05037200	200	B	143	54	5

ELBOW 45°
AÇIK DİRSEK 45°
ПВХ угольник 45°
45° كوع



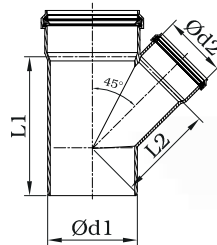
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05538050	50	B	70	28	175
05538070	75	BD	83	43	60
05538100	110	BD	121	70	20
05538125	125	BD	135	78	15
05038150	160	B	165	93	8
05538150	160	BD	165	93	8
05038200	200	B	205	110	5

ELBOW 87,5°
KAPALI DİRSEK 87,5°
ПВХ угольник 87,5°
87,5° كوع



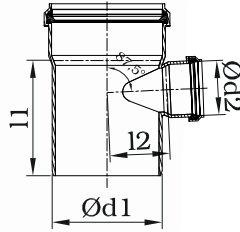
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055300500050	50	50	B	114	61	80
055300700050	75	50	BD	123	78	50
055300700070	75	75	BD	156	92	30
055301000050	110	50	BD	136	106	25
055301000070	110	75	BD	168	114	20
055301000100	110	110	BD	220	139	10
055301250050	125	50	BD			10
055301250070	125	75	BD	175	130	15
055301250100	125	110	BD	225	143	10
055301250125	125	125	BD	247	150	8
050301500070	160	75	B			5
050301500100	160	110	B	237	168	6
050301500125	160	125	B	330	260	4
050301500150	160	160	B	308	193	4
055301500100	160	110	BD	255	200	6
055301500125	160	125	BD	330	260	4
055301500150	160	160	BD	330	215	4
055302000100	200	110	BD	330	235	3
055302000125	200	125	BD	330	270	3
055302000150	200	160	BD	330	220	3
055302000200	200	200	B	435	320	2

SINGLE BRANCH 45°
TEK ÇATAL 45°
ПВХ тройник 45°
45° وصله



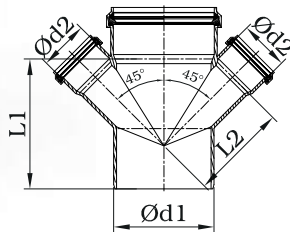
PVC-U WASTE WATER PIPE AND FITTINGS

TEE BRANCH 87,5°
TE ÇATAL 87,5°
ПВХ тройник 87,5°
87,5° تي



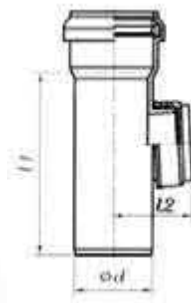
ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
055290500050	50	50	B	94	27	90
055290700050	75	50	BD	115	40	50
055290700070	75	75	BD	132	45	30
055291000050	110	50	BD	118	54	30
055291000070	110	75	BD	145	59	20
055291000100	110	110	BD	179	62	15
055291250070	125	75	BD	200	135	10
055291250100	125	110	BD	197	72	15
055291250125	125	125	BD	198	72	10
050291500100	160	110	B	253	170	5
050291500125	160	125	B	253	155	5
050291500150	160	160	B	253	90	5
055291500100	160	110	BD	253	170	5
055291500125	160	125	BD	253	155	5
055291500150	160	160	BD	253	90	5
050292000100	200	110	B	305	170	5
050292000125	200	125	B	310	150	5
050292000150	200	160	B	310	130	5
050292000200	200	200	B	363	130	3

DOUBLE BRANCH 45°
ÇİFT ÇATAL 45°
ПВХ крестовина 45°
45° وصله تجميع مزدوج



ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
055280500050	50	50	B	115	61	80
055280700050	75	50	BD	127	78	50
055280700070	75	75	BD	162	92	30
055281000050	110	50	BD	150	103	20
055281000070	110	75	BD			10
055281000100	110	110	BD	217	133	8
055281250070	125	75	BD	225	184	8
055281250100	125	110	BD	225	144	7
055281250125	125	125	BD	314	198	4

CLEANOUT TEE
TEMİZLEME TE
ПВХ ревизия
تي مع فتحة تنظيف

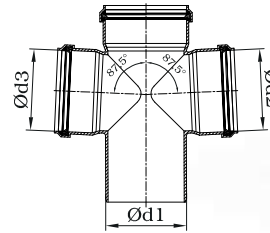


ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
05544050	50	B	103	48	75
05544070	75	BD	130	68	40
05544100	110	BD	178	78	15
05544125	125	BD	215	88	10
05044150	160	B	250	124	5
05544150	160	BD	250	124	5
05044200	200	B	310	125	3

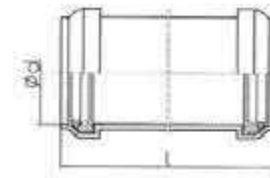
PVC-U WASTE WATER PIPE AND FITTINGS

DOUBLE BRANCH
İSTAVROZ
КРЕСТОВИНА
مجمع

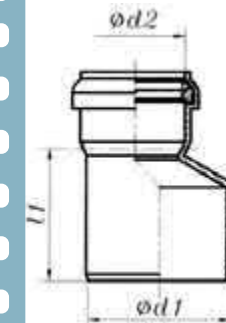
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056310500050	50	50	50	B	50
056310700050	75	50	50	BD	25
056310700070	75	70	75	BD	25
056311000050	110	50	50	BD	15
056301000100	110	110	110	BD	

COLLAR SLEEVE
KAYAR MANŞON
ПВХ муфта
وصله

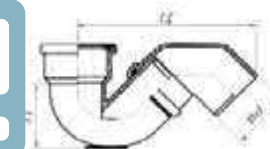
ITEM CODE Kod No	Ød Ød	Type Tip	l1(mm) l1(mm)	Pcs/pkg Adet/Paket
05517050	50	B	100	175
05517070	75	BD	115	75
05517100	110	BD	145	35
05517125 E	125	BD	152	25
05017150 E	160	B	200	10
05017200	200	B	250	5

REDUCER
REDÜKSİYON
ПВХ переходник
نقاص

ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	l1(mm) l1(mm)	Pcs/pkg Adet/paket
055190700050	75	50	BD	69	100
055191000050	110	50	BD	101	50
055191000070	110	75	BD	88	40
055191250070	125	75	BD	170	25
055191250100	125	110	BD	84	25
055191500070	160	75	B	185	20
050191500100	160	110	B	125	20
050191500125	160	125	B	107	15
055191500100	160	110	BD	116	20
055191500125	160	125	BD	107	15
050192000100 E	200	110	B	149	15
050192000125	200	125	B	265	10
050192000150 E	200	160	B	129	10

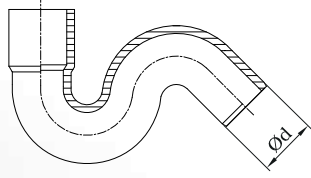
"S" SYPHON
"S" SİFON
ПВХ S сифон
سیفون (S)

ITEM CODE Kod No	Ød Ød	Type Tip	l1(mm) l1(mm)	l2(mm) l2(mm)	Pcs/pkg Adet/paket
04043100	110	BD	136	342	7



PVC-U WASTE WATER PIPE AND FITTINGS

LAVABO SIFON



ITEM CODE

Kod No

Ød

Ød

Pcs/pkg

Adet/paket

04739070B

75

150

04739100B

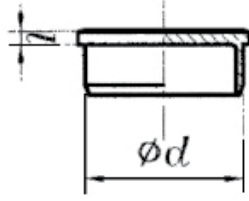
110

130

ENDPLUG

KÖRTAPA

ПВХ заглушка



ITEM CODE

Kod No

Ød

Ød

l1(mm)

l1(mm)

Pcs/pkg

Adet/Paket

04014050

50

3

500

040140700001

75

3

500

04014100

110

4

150

04014125

125

4,5

100

04014150

160

20

50

04014200

200

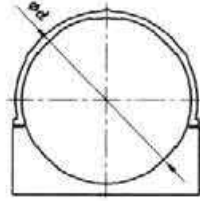
20

15

EGE BRACELETTE

EGE KELEPÇE

ПВХ крепление (EGE)



ITEM CODE

Kod No

Ød

Ød

Pcs/pkg

Adet/paket

047390400050 BZ

40

100

047390400050 BZ

50

100

04739070B

75

150

04739100B

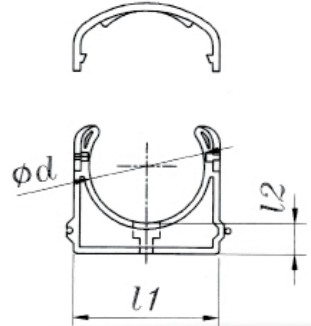
110

130

BRACELETTE

PİS SU KELEPÇESİ

ПВХ крепление



ITEM CODE

Kod No

Ød

Ød

l1(mm)

l1(mm)

l2(mm)

l2(mm)

Pcs/pkg

Adet/Paket

04039050

50

62

13

60

04039070

75

95

20

100

04039100

110

135

20

45

04039125

125

155

30

100

04039150

160

195

40

50

PVC-U WASTE WATER PIPE AND FITTINGS

ITEM CODE Kod No	Ød Ød	Pcs/pkg Adet/paket
04031050	50	1
04031070	75	1
04031100	110	1
04031125	125	1
04031150	160	1
04031200	200	1
04031250	250	1

ITEM CODE Kod No	Ød Ød	Pcs/pkg Adet/paket
04032100	100	1

ITEM CODE Kod No	Ød Ød	Pcs/pkg Adet/paket
04034040	40	1
04034050	50	1

ITEM CODE Kod No	Ød Ød	l1(mm) l1(mm)	Pcs/pkg Adet/paket
04041100	110	125	40

PIPE GASKET
BORU CONTASI
Прокладка для ПВХ труб
جوان



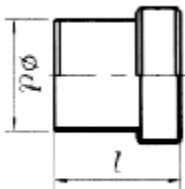
KADA GASKET
KADA CONTA
Прокладка для перехода
جوان



SINK GASKET
LAVABO CONTASI
Прокладка для слива
جوان للمغاسل



KADA (S SYPHON LENGTHENING PIPE)
KADA
Переход-адаптор
أنبوب لتطويل سيفون



PVC-U PIPES (TYPE 2)

PVC-U WASTE WATER PIPES
PVC-U PİS SU BORULARI

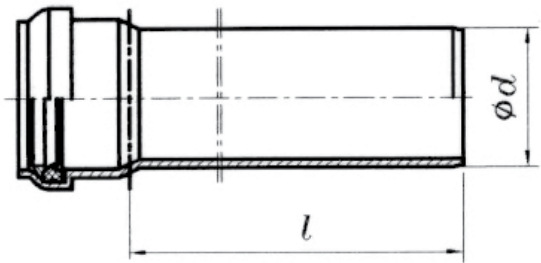
ПВХ труба для сточных вод

انبوب بي في سي



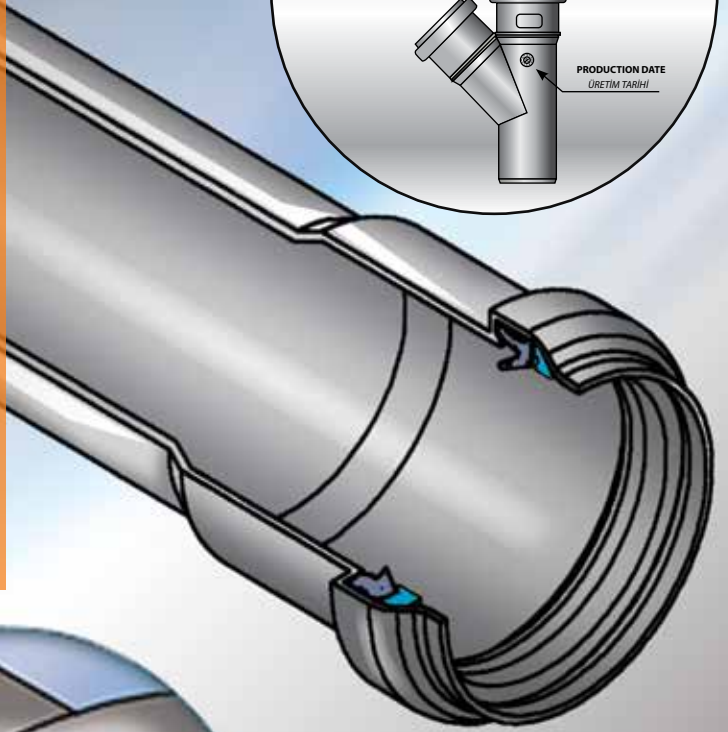
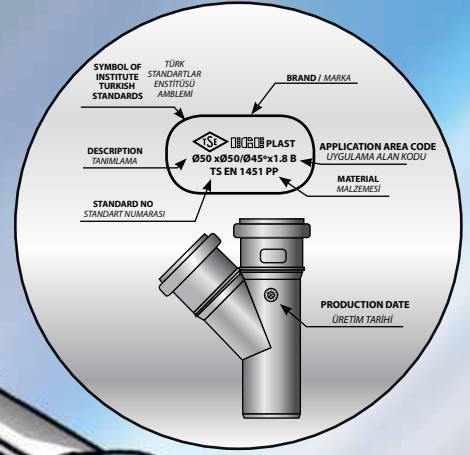
ITEM CODE	Nominal Diameter	Outside Diameter Ød (mm)	Type	Length (mm)	Pcs/Pkg
Kod No	Anma Çapı	Dış Çap Ød (mm)	Tip	Boy (mm)	Adet/Paket
050010500150	50	50	B	150	100
050010500250	50	50	B	250	75
050010500500	50	50	ÖA	500	10
050010501000	50	50	ÖA	1000	10
050010502000	50	50	ÖA	2000	10
050010503000	50	50	ÖA	3000	10
050010506000	50	50	ÖA	6000	1
050010700150	70	75	BD	150	60
050010700250	70	75	BD	250	35
050010700500	70	75	ÖA	500	10
050010701000	70	75	ÖA	1000	10
050010702000	70	75	ÖA	2000	1
050010703000	70	75	ÖA	3000	1
050010706000	70	75	ÖA	6000	1
050011000150	100	110	BD	150	10
050011000250	100	110	BD	250	20
050011000500	100	110	ÖA	500	10
050011001000	100	110	ÖA	1000	10
050011002000	100	110	ÖA	2000	1
050011003000	100	110	ÖA	3000	1
050011006000	100	110	ÖA	6000	1
050011250150	125	125	ÖA	150	20
050011250250	125	125	ÖA	250	13
050011250500	125	125	ÖA	500	7
050011251000	125	125	ÖA	1000	7
050011252000	125	125	ÖA	2000	1
050011253000	125	125	ÖA	3000	1
050011256000	125	125	ÖA	6000	1

ITEM CODE	Nominal Diameter	Outside Diameter Ød (mm)	Type	Length (mm)	Pcs/Pkg
Kod No	Anma Çapı	Dış Çap Ød (mm)	Tip	Boy (mm)	Adet/Paket
050011500150	150	160	B	150	9
050011500250	150	160	B	250	9
050011500500	150	160	B	500	4
050011501000	150	160	B	1000	4
050011502000	150	160	B	2000	1
050011503000	150	160	B	3000	1
050011506000	150	160	B	6000	1
050012500150	200	200	B	150	6
050012500250	200	200	B	250	6
050012500500	200	200	B	500	3
050012501000	200	200	B	1000	3
050012502000	200	200	B	2000	1
050012503000	200	200	B	3000	1
050012506000	200	200	B	6000	1
040012000150	250	250	B	150	5
040012000250	250	250	B	250	5
040012000500	250	250	B	500	3
040012001000	250	250	B	1000	3
040012002000	250	250	B	2000	1
040012003000	250	250	B	3000	1
040012006000	250	250	B	6000	1



EGE PP TYPE B WASTE WATER PIPE AND FITTINGS

EGE PP BORU VE EK PARÇALARI (B TİPİ)



EGE PP PIPE/CROSSSECTION
EGE PP BORU/ ARA KESİT

USING AREAS

*In the waste water system
for the discharge of the
houses' cold and hot waste
water.*

*In the ventilation systems for
the houses' waste water.*

*At the inside the building for the
rain water systems.*

KULLANIM ALANLARI

*Sıcak ve soğuk evsel atıkların tahliyesinde
kullanılan atık su şebekesinde,
Evsel atık su şebekeleri için havalandırma
sistemlerinde*

Bina içi yağmur suyu şebekelerinde kullanılır.



TS EN ISO 9001:2000



CASSETTE PACKING QUANTITIES KASET AMBALAJ MİKTARLARI

Ød (mm) Dış Çap	Length (mm) Boy (mm)	Type Tip	PCS/ CASSETTE Adet/ Kaset
40	500	B	25
40	1000	B	25
40	2000	B	25
40	3000	B	25
40	6000	B	25
50	500	B	25
50	1000	B	25
50	2000	B	25
50	3000	B	25
50	6000	B	25
75	500	B	20
75	1000	B	20
75	2000	B	20
75	3000	B	20
75	6000	B	20
110	500	B	15
110	1000	B	15
110	2000	B	15
110	3000	B	15
110	6000	B	15

EGE PP Pipes provide serious advantages in stocking with the packing system of cassettes and boxes, transportation and presentation to the clients.

In each cassette

50 mm pipes 25 PCS
75 mm pipes 20 PCS
110 mm pipes 15 PCS

EGE PP fittings are presented in the boxes.

EGE PP Borular Kaset- ambalaj şeklinde gerçekleştirilen ambalaj sistemi ile stoklama- da, taşımada ve müşteriye sunumda ciddi avantajlar sağlamaktadır. Boru destekleri sayesinde ise az stok sahası, kolay istif, kolay taşıma, stokta duran borularda deformasyon önlenmiştir.

Her kasette

Ø50 mm borular 25 adet
Ø75 mm borular 20 adet
Ø110 mm borular 15 adet

EGE PP Boruların Ek Parçaları da kutu içinde sunulmaktadır.

BOX PACKING QUANTITIES KUTU AMBALAJ MİKTARLARI

Ød (mm) Dış Çap	Length (mm) Boy (mm)	Type Tip	PCS/ CASSETTE Adet/ Kutu
40	150	B	70
40	250	B	45
50	150	B	40
50	250	B	25
75	150	B	32
75	250	B	22
110	150	B	15



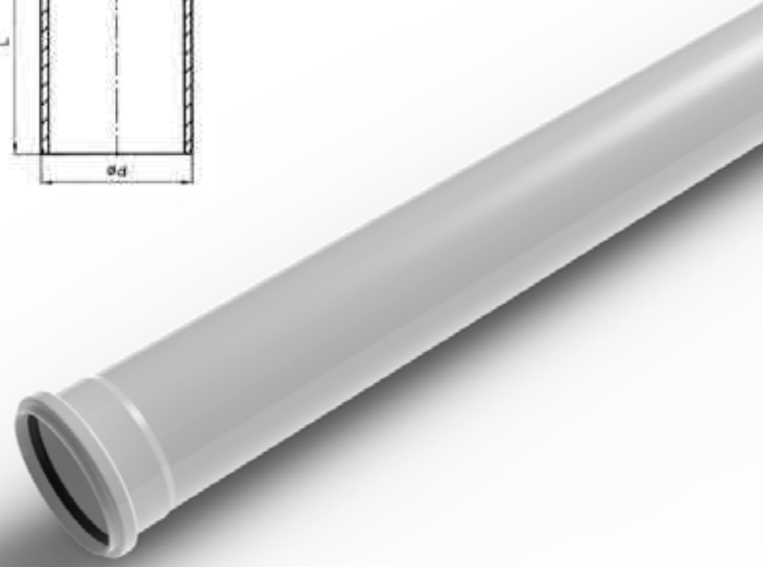
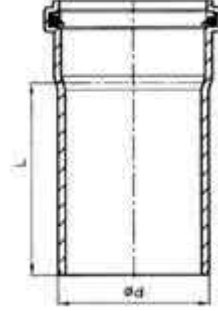
EGE PP TYPE B WASTE WATER PIPE AND FITTINGS

EGE PP PIPES (EXTRUSION)
EGE PP BORULAR (EKSTRÜZYON)

ПП труба для сточных вод (тип В)

أنبوب الصرف الصحي

ITEM CODE	Outside Diameter	Type	Length(mm)	Pcs/Pkg
Kod No	Dış Çap Ød(mm)	Tip	L-Boy(mm)	Adet/Kaset
057010400500BZ	40	B	500	25
057010401000BZ	40	B	1000	25
057010402000BZ	40	B	2000	25
057010403000BZ	40	B	3000	25
057010406000BZ	40	B	6000	25
057010500500BZ	50	B	500	25
057010501000BZ	50	B	1000	25
057010502000BZ	50	B	2000	25
057010503000BZ	50	B	3000	25
057010506000BZ	50	B	6000	25
057010700500BZ	75	B	500	20
057010701000BZ	75	B	1000	20
057010702000BZ	75	B	2000	20
057010703000BZ	75	B	3000	20
057010706000BZ	75	B	6000	20
057011000500BZ	110	B	500	15
057011001000BZ	110	B	1000	15
057011002000BZ	110	B	2000	15
057011003000BZ	110	B	3000	15
057011006000BZ	110	B	6000	15

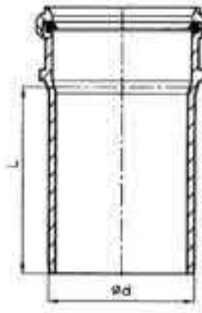


EGE PP PIPES (INJECTION)
EGE PP BORULAR (ENJEKSİYON)

ПП труба для сточных вод -инъекция (тип В)

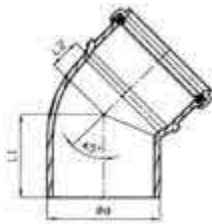
أنبوب الصرف الصحي

ITEM CODE	Outside Diameter	Type	Length(mm)	Pcs/Pkg
Kod No	Dış Çap Ød(mm)	Tip	L-Boy (mm)	Adet/Kutu
057010400150BZ	40	B	150	70
057010400250BZ	40	B	250	45
057010500150BZ	50	B	150	40
057010500250BZ	50	B	250	25
057010700150BZ	75	B	150	32
057010700250BZ	75	B	250	22
057011000150BZ	110	B	150	15
057011000250BZ	110	B	250	15



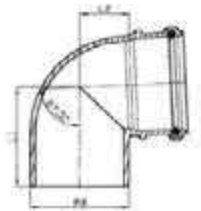
EGE PP TYPE B WASTE WATER PIPE AND FITTINGS

EGE PP ELBOW 45 °
EGE PP DİRSEK 45 °
ПВХ угольник 45°
45° کوع



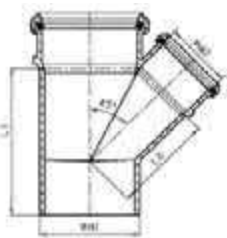
ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
05737040BZ	40	B	56	13	100
05737050BZ	50	B	61	16	60
05737070BZ	75	B	72	21	40
05737100BZ	110	B	87	29	18

EGE PP ELBOW 87,5 °
EGE PP DİRSEK 87,5 °
ПП угольник 87,5 °(тип В)
87,5° کوع



ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
05738040BZ	40	B	65	25	100
05738050BZ	50	B	77	31	50
05738070BZ	75	B	94	43	35
05738100BZ	110	B	119	61	18

EGE PP SINGLE BRANCH 45 °
EGE PP TEK ÇATAL 45 °
ПВХ тройник 45°
45° وصله تجميع

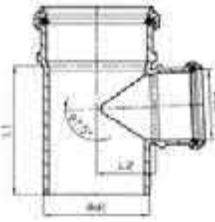


ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
057300400040BZ	40	40	B	105	51	50
057300500050BZ	50	50	B	122	61	25
057300700050BZ	75	50	B	127	79	25
057300700070BZ	75	75	B	163	91	25
057301000050BZ	110	50	B	136	104	16
057301000070BZ	110	75	B	172	116	10
057301000100BZ	110	110	B	221	134	7

EGE PP TYPE B WASTE WATER PIPE AND FITTINGS

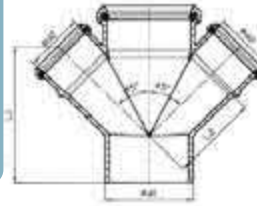
EGE PP SINGLE BRANCH 87,5°
EGE PP TEK ÇATAL 87,5°
ПП тройник 87,5° (тип В)
تی 87,5°

ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
057290400040BZ	40	40	B	89	24	50
057290500050BZ	50	50	B	107	30	30
057290700050BZ	75	50	B	111	42	30
057290700070BZ	75	75	B	137	43	19
057291000050BZ	110	50	B	121	59	15
057291000070BZ	110	75	B	145	60	15
057291000100BZ	110	110	B	181	62	10



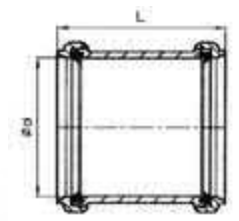
EGE PP DOUBLE BRANCH 45°
EGE PP ÇİFT ÇATAL 45°
ПП крестовина 45° (тип В)
وصله تجميع مزدوج

ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
057290400040BZ	40	40	B			
057290500050BZ	50	50	B	142	61	15
057290700070BZ	75	50	B	146	79	18
057290700070BZ	75	75	B	177	91	12
057291000050BZ	110	50	B	157	104	10
057291000070BZ	110	75	B	186	116	8
057291000100BZ	110	110	B	228	134	5



EGE PP COLLAR SLEEVE
EGE PP KAYAR MANŞON
ПП муфта (тип В)
وصله

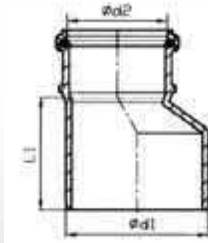
ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	Pcs/pkg Adet/paket
05717040BZ	40	B	88	100
05717050BZ	50	B	91	65
05717070BZ	75	B	107	50
05717100BZ	110	B	133	24



EGE PP TYPE B WASTE WATER PIPE AND FITTINGS

EGE PP REDUCER
EGE PP REDÜKSİYON
ПП переходник (тип В)

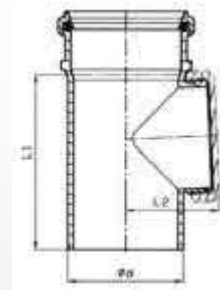
نقاص



ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	Pcs/pkg Adet/paket
057190500040BZ	50	40	B	58	100
057190700050BZ	75	50	B	74	100
057191000050BZ	110	50	B	102	50
057191000070BZ	110	75	B	88	36

EGE PP CLEANOUT TEE
EGE PP TEMİZLEME TE
ПП ревизия (тип В)

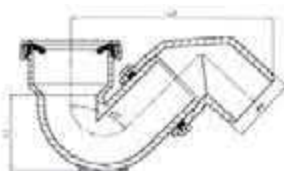
تي مع فتحة تنظيف



ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
05744040BZ	40	B	89	48	40
05744050BZ	50	B	107	54	30
05744070BZ	75	B	137	64	20
05744100BZ	110	B	181	89	12

EGE PP "S" SYPHON
EGE PP "S" SİFON
ПП S сифон (тип В)

سیفون

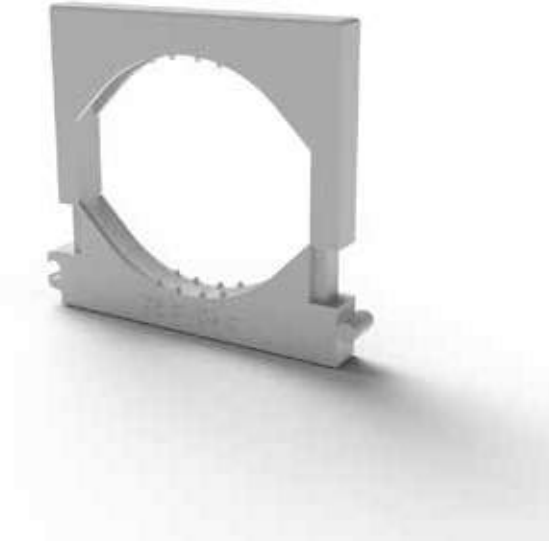
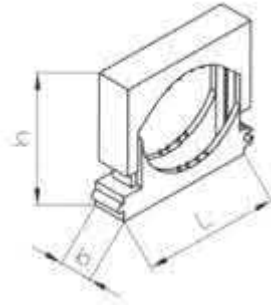


ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
05743100BZ	110	B	136	342	5

EGE PP TYPE B WASTE WATER PIPE AND FITTINGS

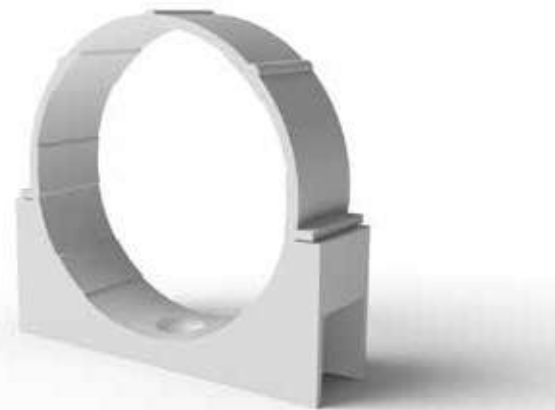
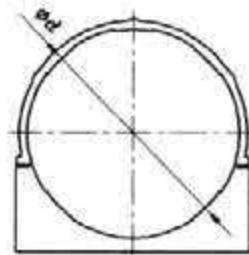
EGE PP BRACELETTE
EGE PP KELEPÇE
ПП крепление
مربط

ITEM CODE Kod No	Ød(mm) Ød(mm)	b(mm) b(mm)	h(mm) h(mm)	L(mm) L(mm)	Pcs/Pkg Adet/Kutu
047390400050BZ	40	16	57	65	100
047390400050BZ	50	16	67	65	100



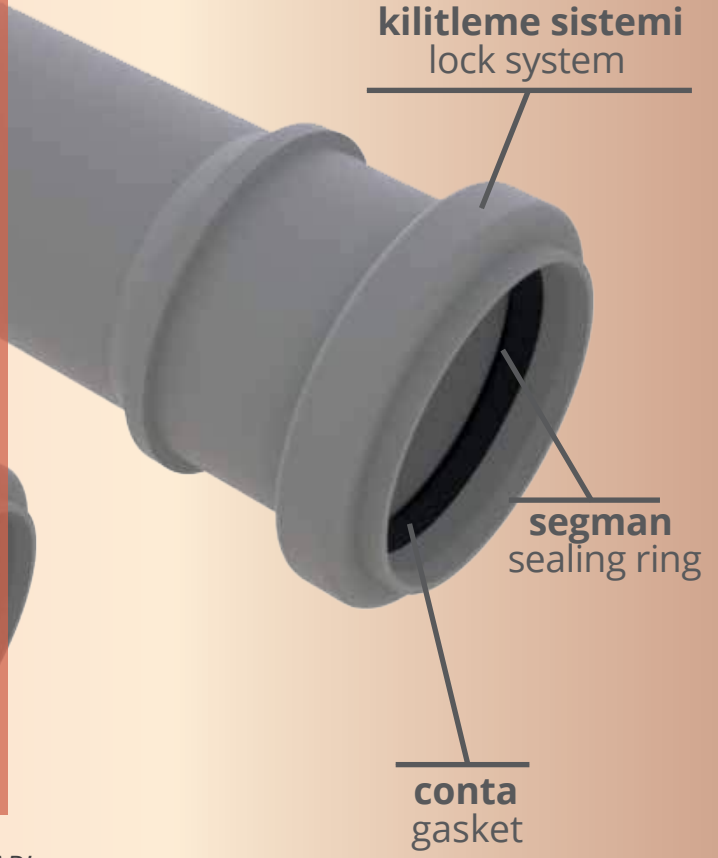
EGE PP BRACELETTE
EGE PP KELEPÇE
ПП крепление
مربط

ITEM CODE Kod No	Ød Ød	Pcs/pkg Adet/paket
04739070BZ	75	150
04739100BZ	110	130



FIRE RESISTANT EGE PP PIPE AND FITTINGS

YANMAYA DAYANIKLI EGE PP BORU VE EK PARÇALARI (B TİPİ)



APPLICATION AREAS / KULLANIM ALANLARI

- Sıcak ve soğuk evsel atıkların tahliyesinde kullanılan atık su şebekesinde,
• Discharge of both hot and cold waste water in waterworks of buildings.
- Evsel atık su şebekeleri için havalandırma sistemlerinde
• In ventilation of buildings' waste water networks
- Bina içi yağmur suyu şebekelerinde kullanılır.
• Indoor rain water networks

TÜRKİYEDE İLK ve TEK
First in Turkey

YANMAYA
DAYANIKLI BORU



TS EN ISO 9001:2000





Yapı mevzuatına uygun, yanmaya dayanıklı boru. Yanıcılık Sınıfı TS EN 13501-1 C sınıfıdır. (DIN4102B1). Proper to building regulations and it is fire resistant. Flammability class is TS EN 13501-1 C (DIN4102B1)



Yanmazlık katkılı, %100 blok kopolimer polipropilen hammaddesinden üretilmiştir, katkı maddesi içermez. Boru rengi açık gri'dir. Manufactured from 100% polypropylene block copolymer and does not consist any additives except the additive for incombustibility. The color of the pipe is light grey.



Kırılmaz, darbelere karşı dayanıklıdır, esnektir. Break-proof, impact resistant, flexible.



Yanmaya dayanıklı ege pp boruları atık suyun tahliyesi sırasında oluşan sesi esnek yapısı sayesinde engelleyerek sessizlik sağlar. Fire resistant Ege PP Pipes restrain the noise during the discharge of water in consequence of its flexible structure.



Yanmaya dayanıklı ege pp boruları ani sıcaklık değişimlerine uyum sağlar. Fire resistant Ege PP Pipes ensure adaptation against sudden temperature changes.



Yanmaya dayanıklı ege pp boruları çevre dostudur. Zehirli gaz çıkarmaz. Fire resistant Ege PP pipes are environment-friendly. It does not emit toxic gases.



Kilit sistemi sayesinde tam bir sızdırmazlık sağlar. Thanks to the lock system, it provides absolute leakproofness.



Kolay taşınabilir montajı basittir ve hafiftir. Easiness in both carrying and installation, it is lightweight.



Kullanılan hammaddenin özelliği sayesinde, kimyasal atıkların tahliyesi sorunsuz gerçekleşir. problem-free discharge of chemical wastes due to the character of raw material

FIRE RESISTANT PP PIPES AND FITTINGS

YANMAYA DAYANIKLI BORU EGE PP BORU VE EK PARÇALARI (B TİPİ) ET KALINLIKLARI TABLOSU

Outside Diameter BORU DIŞ ÇAPI (mm)	WALL THICKNESS (mm) ET KALINLIĞI MİN. (mm)
Ø 40	1.80 mm
Ø 50	1.80 mm
Ø 75	1.90 mm
Ø110	2.70 mm

BOX PACKING QUANTITIES

KUTU AMBALAJ MİKTARLARI

Outside Diameter Ød(mm) DIŞ ÇAP	Length (mm) BOY (mm)	Type TİP	Pcs Cassette ADET/ KASET
40	150	B	70
40	250	B	45
50	150	B	40
50	250	B	25
75	150	B	32
75	250	B	22
100	150	B	15
100	250	B	15

CASSETTE PACKING QUANTITIES

KASET AMBALAJ MİKTARLARI

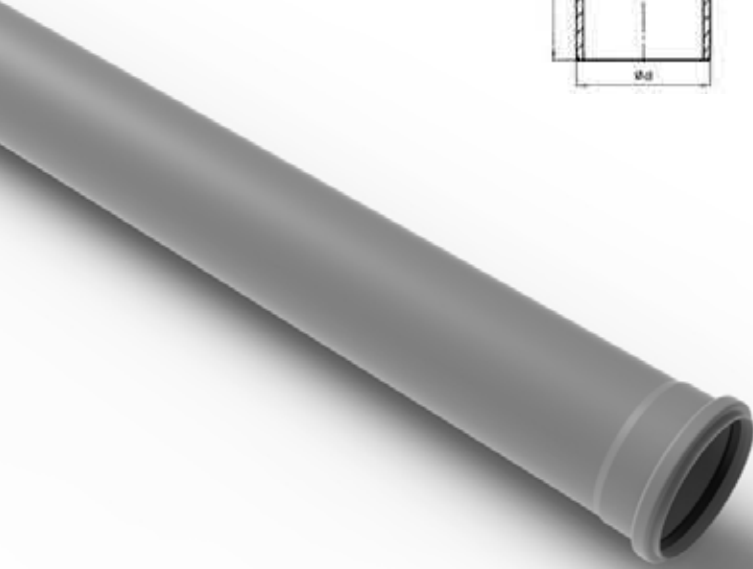
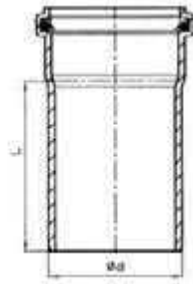
Outside Diameter Ød(mm) DIŞ ÇAP	Length (mm) BOY (mm)	Type TİP	Pcs Cassette ADET/ KASET
40	500	B	25
40	1000	B	25
40	2000	B	25
40	3000	B	25
40	6000	B	25
50	500	B	25
50	1000	B	25
50	2000	B	25
50	3000	B	25
50	6000	B	25
75	500	B	20
75	1000	B	20
75	2000	B	20
75	3000	B	20
75	6000	B	20
110	500	B	15
110	1000	B	15
110	2000	B	15
110	3000	B	15
110	6000	B	15



FIRE RESISTANT EGE PP PIPES AND FITTINGS

EGE PP PIPES (EXTRUSION)
EGE PP BORULAR (YANGINA DAYANIKLI EKS.)

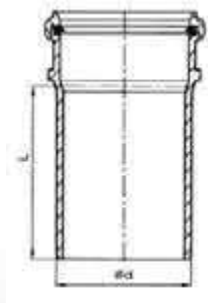
ПП труба для сточных вод
أنبوب الصرف الصحي



ITEM CODE	Outside Diameter	Type	Length(mm)	Pcs/Pkg
Kod No	Dış Çap Ød(mm)	Tip	L-Boy(mm)	Adet/Kaset
057010400500Y	40	B	500	25
057010401000Y	40	B	1000	25
057010402000Y	40	B	2000	25
057010403000Y	40	B	3000	25
057010406000Y	40	B	6000	25
057010500500Y	50	B	500	25
057010501000Y	50	B	1000	25
057010502000Y	50	B	2000	25
057010503000Y	50	B	3000	25
057010506000Y	50	B	6000	25
057010700500Y	75	B	500	20
057010701000Y	75	B	1000	20
057010702000Y	75	B	2000	20
057010703000Y	75	B	3000	20
057010706000Y	75	B	6000	20
057011000500Y	110	B	500	15
057011001000Y	110	B	1000	15
057011002000Y	110	B	2000	15
057011003000Y	110	B	3000	15
057011006000Y	110	B	6000	15

EGE PP PIPES (INJECTION)
EGE PP BORULAR (ENJ. YANGINA DAYANIKLI)

ПП труба для сточных вод -инъекция
أنبوب الصرف الصحي

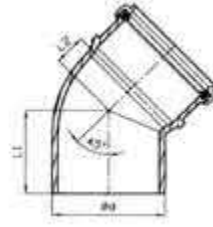


ITEM CODE	Outside Diameter	Type	Length(mm)	Pcs/Pkg
Kod No	Dış Çap Ød(mm)	Tip	L-Boy (mm)	Adet/Kutu
057010400150Y	40	B	150	70
057010400250Y	40	B	250	45
057010500150Y	50	B	150	40
057010500250Y	50	B	250	25
057010700150Y	75	B	150	32
057010700250Y	75	B	250	22
057011000150Y	110	B	150	15
057011000250Y	110	B	250	15

FIRE RESISTANT EGE PP PIPES AND FITTINGS

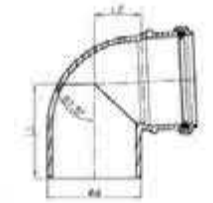
EGE PP ELBOW 45°
EGE PP DİRSEK 45° (YAN. DAY.)
ПП угольник 45°
45° كوع

ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
05737040Y	40	B	56	13	100
05737050Y	50	B	61	16	60
05737070Y	75	B	72	21	40
05737100Y	110	B	87	29	18



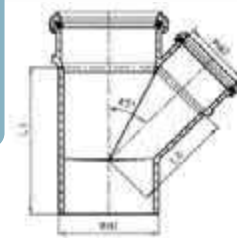
EGE PP ELBOW 87,5°
EGE PP DİRSEK 87,5° (YAN. DAY.)
ПП угольник 87,5°
87,5° كوع

ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
05738040Y	40	B	65	25	100
05738050Y	50	B	77	31	50
05738070Y	75	B	94	43	35
05738100Y	110	B	119	61	16



EGE PP SINGLE BRANCH 45°
EGE PP TEK ÇATAL 45° (YAN. DAY.)
ПП тройник 45° (тип В)
45° وصله تجميع

ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
057300400040Y	40	40	B	105	51	50
057300500050Y	50	50	B	122	61	25
057300700050Y	75	50	B	127	79	25
057300700070Y	75	75	B	163	91	25
057301000050Y	110	50	B	136	104	16
057301000070Y	110	75	B	172	116	10
057301000100Y	110	110	B	221	134	7



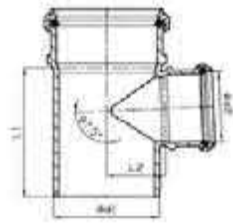
FIRE RESISTANT EGE PP PIPES AND FITTINGS

EGE PP SINGLE BRANCH 87,5°

EGE PP TEK ÇATAL 87,5°

ПП тройник 87,5° (mun B)

تی 87,5°



ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
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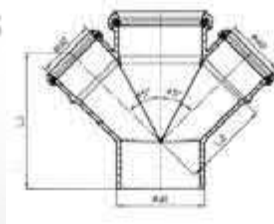
057290400040Y	40	40	B	89	24	50
057290500050Y	50	50	B	107	30	30
057290700050Y	75	50	B	111	42	30
057290700070Y	75	75	B	137	43	19
057291000050Y	110	50	B	121	59	15
057291000070Y	110	75	B	145	60	15
057291000100Y	110	110	B	181	62	10

EGE PP DOUBLE BRANCH 45°

EGE PP ÇİFT ÇATAL 45°

ПП крестовина 45° (mun B)

وصله تجميع مزدوج



ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
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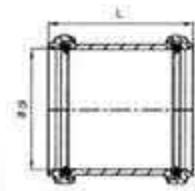
057290400040Y	40	40	B			
057290500050Y	50	50	B	142	61	15
057290700070Y	75	50	B	146	79	18
057290700070Y	75	75	B	177	91	12
057291000050Y	110	50	B	157	104	10
057291000070Y	110	75	B	186	116	8
057291000100Y	110	110	B	228	134	5

EGE PP COLLAR SLEEVE

EGE PP KAYAR MANŞON

ПП муфта (mun B)

وصله



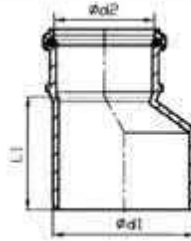
ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	Pcs/pkg Adet/paket
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05717040Y	40	B	88	40
05717050Y	50	B	91	65
05717070Y	75	B	107	50
05717100Y	110	B	133	24

FIRE RESISTANT EGE PP PIPES AND FITTINGS

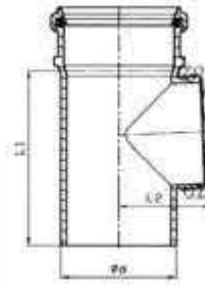
EGE PP REDUCER
EGE PP REDÜKSİYON
ПП переходник
نقاص

ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Type Tip	L1(mm) L1(mm)	Pcs/pkg Adet/paket
057190500040Y	50	40	B	58	100
057190700050Y	75	50	B	74	100
057191000050Y	110	50	B	102	50
057191000070Y	110	75	B	88	36



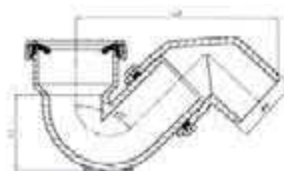
EGE PP CLEANOUT TEE
EGE PP TEMİZLEME TE
ПП ревизия
تي مع فتحة تنظيف

ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
05744040Y	40	B	89	48	40
05744050Y	50	B	107	54	30
05744070Y	75	B	137	64	20
05744100Y	110	B	181	89	12



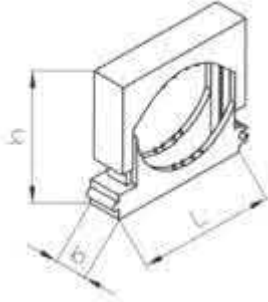
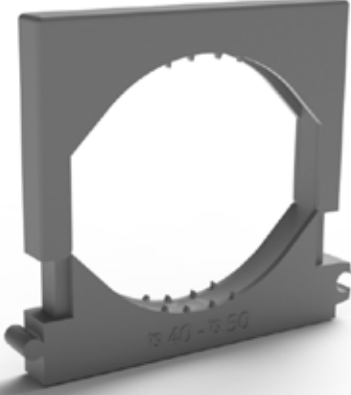
EGE PP "S" SYPHON
EGE PP "S" SİFON
ПП S сифон
سیفون

ITEM CODE Kod No	Ød Ød	Type Tip	L1(mm) L1(mm)	L2(mm) L2(mm)	Pcs/pkg Adet/paket
05743100Y	110	B	136	342	5



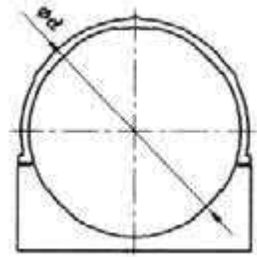
FIRE RESISTANT EGE PP PIPES AND FITTINGS

EGE PP BRACELETTE
EGE PP KELEPÇE (YAN. DAY.)
ПП крепление
مربط



ITEM CODE Kod No	Ød(mm) Ød(mm)	b(mm) b(mm)	h(mm) h(mm)	L(mm) L(mm)	Pcs/Pkg Adet/Kutu
047390400050Y	40	16	57	65	100
047390400050Y	50	16	67	65	100

EGE PP BRACELETTE
EGE PP KELEPÇE (YAN. DAY.)
ПП крепление
مربط



ITEM CODE Kod No	Ød Ød	Pcs/pkg Adet/paket
04739070Y	75	150
04739100Y	110	130

EGETHERM SİHHİ TESİSAT BORU VE PARÇALARI

Kullanım sahası bina içi basınçlı soğuk - sıcak su tesisatlarıdır.

Hammaddesi sıcaklığa ve basınca dayanıklı PP-R (Polypropilen Random Kopolimer)'dir. SDR 6 PN 20, SDR 7.4 PN 16 ve SDR11 PN10 Basınç Sınıflarında, 4 metre boyda üretilmektedir.

Üretim aralığı borularda dış çap 20-160mm, ek parçalarda 20-110 mm'dir. Füzyotherm kaynak tekniği ile montajı kolay olup, işçilikten ve zamandan tasarruf sağlar. Montaj ile ilgili bilgiler Teknik Kitapçığımızda detaylı açıklanmıştır. Lineer Genleşme Katsayısı 0.15 mm/mK'dir.

EGETHERM FOLYOLU STABİL BORU

Kullanım sahası bina içi basınçlı sıcak su tesisatlarıdır. Hammaddesi sıcaklığa ve basınca dayanıklı PP-R (Polypropilen Random Kopolimer)'dir.

SDR6 PN25 Basınç Sınıfında, 4 metre boyda üretilmektedir.

Üretim aralığı borularda dış çap 20-50 mm'dir. Egetherm ekparçalarla birlikte kullanılır.

Füzyotherm kaynak tekniği ile montajı kolay olup, işçilikten ve zamandan tasarruf sağlar.

Montaj ile ilgili bilgiler Teknik Kitapçığımızda detaylı açıklanmıştır.

Alüminyum folyo sayesinde Lineer Genleşme Katsayısı 0.030 mm/mK'dir.

TÜM EGETHERM BORULARIN ORTAK ÖZELLİKLERİ

İçme suyuna zararı yoktur. Suyun rengini, kokusunu veya tadını değiştirmez. Hijyeniktir ve Sağlık Bakanlığı tarafından onaylanmıştır.

Borular TS EN ISO 15874-2, ek parçalar TS EN ISO 15874-3 standardına uygun olup, TSE belgelidir.

EGETHERM SANITARY PIPES AND FITTINGS

Usage area is the pressurized hot and cold water systems in buildings Manufactured from PP-R (Poly Propylene Random Copolymer) resine which is resistant to heat and pressure.

Produced in SDR 6 PN 20, SDR 7.4 PN 16 and SDR 11 PN10 Pressure Classes, in net lengths of 4 meters. The production range for the pipes is from 20mm to 160mm outside diameter and 20-110 mm outside diameter for the fittings

Saves time and wokmanship since the installation is easy with fusioterm welding technic

All necessary information about the installation is available in our detailed Technical Book.

The linear dilation Coefficient is 0.15 mm/mK

STABLE EGETHERM MULTILAYER PIPE WITH ALUMINIUM FOIL

Usage area is the pressurized hot water systems in buildings

Manufactured from PP-R (Poly Propylene Random Copolymer) resine which is resistant to heat and pressure

Produced in SDR6 PN25 Pressure Class, in net lengths of 4 meters.

The production range for the pipes is from 20 mm to 50mm and can be used with Egetherm fittings

Saves time and wokmanship since the installation is easy with fusioterm welding technic

All necessary information about the installation is available in our detailed Technical Book.

The linear dilation Coefficient is 0.030 mm/mK with the help of the aluminium foil.

THE COMMON CHARACTERISTICS OF ALL EGETHERM PIPES

It has no negative effects on drinking water. Does not effect the color, the flavour or the taste of water. It is hygienic and approved by the Ministry of Health.

Technical Information

Teknik Bilgi

Техническая Информация

المعلومات الفنية

PP-R pipes are defined with either SDR or S (pipe series) according to the EN and DIN standards. These working conditions are given below according to the DIN 8077-78 with Safety Factor (SF) of 1,5.

EN ve DIN standartlarında PP- R borular SDR veya S (boru serisi) ile tanımlanmaktadır. Aşağıdaki tabloda PP-R Boruların TS EN ISO 15874-2 ve DIN 8077-8078 standartlarına göre çalışma şartları verilmiştir.

يتم التعريف بالضغط للأنابيب الحرارية بوحده SDR أو S وفقاً لمعايير DIN أو EN و. ونظراً لظروف عمل هذه الأنابيب عن طريق الرسوم البيانية في المعايير ونظراً لهذه الظروف العمل أدناه وفقاً لـ DIN 8077-78 ومعايير عوامل السلامة (SF) هو 1,5.

В стандартах EN и DIN трубы PP-R определяются показателями SDR или S (серия труб). Условия работы PP-R труб в разных температурах в соответствии с стандартом DIN 8077-78 (При условии Коэффициента безопасности (SF) = 1,5) указаны в таблице.

According to all relevant standards, there is no any difference between the Composite Pipes, Aluminum Foil Pipes and PP-R Straight Pipes by means of operating pressure classes.

ilgili tüm standartlara göre Alüminyum Folyolu Borular ve Düz Boruların çalışma basınç sınıflarında farklılık bulunmamaktadır.

Согласно соответствующим стандартам, нет никакой разницы между рабочими давлениями Обычных PP-R труб, Композитных труб и труб с Алюминиевой фольгой.

وفقاً للمعايير ذات الصلة، ليس هناك فرق بين الضغوط التشغيلية للمواسير ، أنابيب الألومنيوم و الفيرجلاس و العادية

CLASS OF PIPES / BORU SERİSİ				
Operating Temperature Çalışma Sıcaklığı (°C)	Service Life İşletme Ömrü (year/yıl)	SDR 6 (S 2.5)	SDR 7.4 (S 3.2)	SDR 11 (S 5)
		Operating Pressure Çalışma Basıncı (PN)	Operating Pressure Çalışma Basıncı (PN)	Operating Pressure Çalışma Basıncı (PN)
20	100	20 Bar	16 Bar	10 Bar
60	50	10 Bar	8 Bar	6 Bar
70	50	8 Bar	6 Bar	4 Bar
80	25	6.5 Bar	5.1 Bar	3.2 Bar
95	10	4.3 Bar	3.4 Bar	2.2 Bar

EGE COMPOSITE PIPE

Usage area is the pressurized hot and cold water systems in buildings. The Composite pipe which has 3 layers, the mid-layer is glass-fiber reinforced PP-R resin and the inner and outer layers are PP-R (Poly Propylene Random Copolymer) produced in SDR6 PN25 and SDR7.4 PN20 Pressure Classes, in net lengths of 4 meters.

The production range for the pipes is from 20mm to 110mm. Egecomposite pipe can be used with Egetherm fittings.

Saves time and workmanship since the installation is easy with fusiotherm welding technic. Application of composite pipes is similar to Egetherm pipe installation technic. The linear dilation Coefficient is 0.035 mm/mK which is close to aluminium foiled pipe with the help of the glass-fiber reinforced PP-R mid-layer.

THE COMMON CHARACTERISTICS OF ALL EGETHERM PIPES

It has no negative effects on drinking water. Does not effect the color, the flavour or the taste of water. It is hygienic and approved by the Ministry of Health.

EGE KOMPOZİT BORU

Kullanım sahası bina içi basınçlı soğuk-sıcak su tesisatlarıdır.

Üç katmandan oluşan borunun orta katmanı cam elyaf takviyeli PP-R hammaddesi, iç ve dış katmanlar ise PP-R (Polipropilen Random Kopolimer)'dir. SDR6 PN25 ve SDR7.4 PN20 Basınç Sınıflarında, 4 metre boyda üretilmektedir.

Üretim aralığı borularda dış çap 20-110 mm'dir. Egetherm ekparçalarla birlikte kullanılır. Füzyotherm kaynak tekniği ile montajı kolay olup, işçilikten ve zamandan tasarruf sağlar.

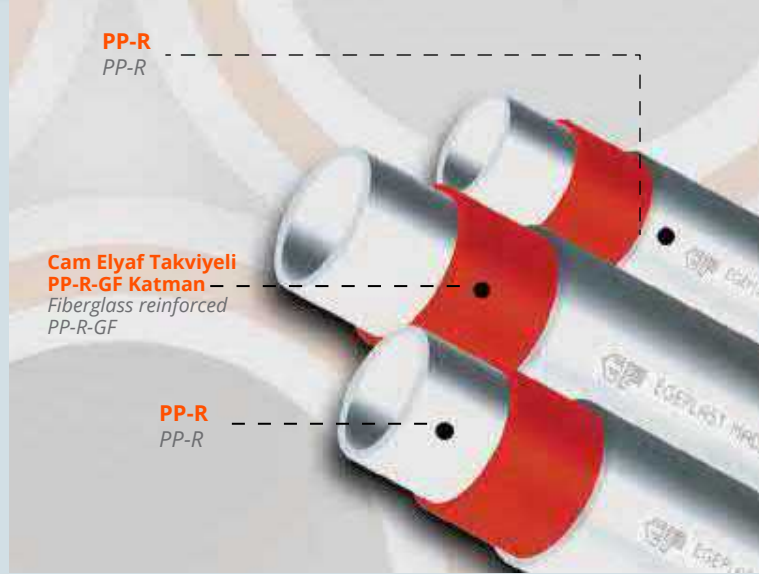
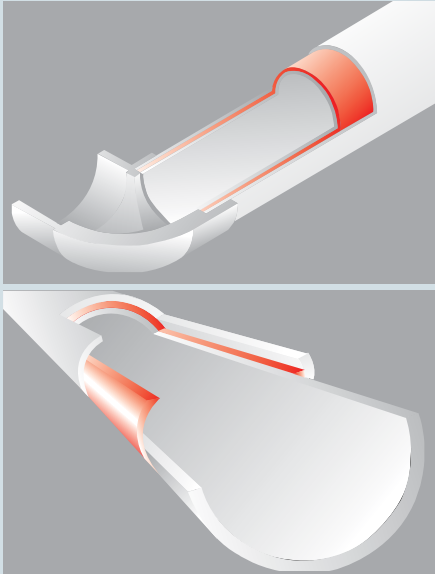
Uygulaması Egetherm boru montajı ile aynıdır. Füzyotherm kaynak tekniği ile montajı kolay olup, işçilikten ve zamandan tasarruf sağlar.

Cam elyaf takviyeli orta katman sayesinde lineer genleşme katsayısı 0.035 mm/mK olup, alüminyum folyolu boruya yakın hale getirilmiştir.

EGETHERM KOMPOZİT BORULARIN ORTAK ÖZELLİKLERİ

İçme suyuna zararı yoktur. Suyun rengini, kokusunu veya tadını değiştirmez.

Hijyeniktir ve Sağlık Bakanlığı tarafından onaylanmıştır. TS 13715 standardına uygun olarak üretilmekte olup TSE belgelidir.



Working Temperature	Working Pressure	Service Life
Çalışma sıcaklığı	Çalışma Basıncı	İşletme Ömrü
20 °C	25 Bar	100 Yıl / Years
60 °C	10 Bar	50 Yıl / Years
70 °C	8 Bar	50 Yıl / Years
95 °C	4,3 Bar	10 Yıl / Years

CLASS OF PIPES / BORU SERİSİ			
Operating Temperature Çalışma Sıcaklığı (°C)	Service Life İşletme Ömrü (year/yıl)	SDR 6 (S 2.5)	SDR 7.4 (S 3.2)
		Operating Pressure Çalışma Basıncı (PN)	Operating Pressure Çalışma Basıncı (PN)
20	100	25 Bar	20 Bar
60	50	10 Bar	8 Bar
70	50	8 Bar	6 Bar
80	25	6.5 Bar	5.1 Bar
95	10	4.3 Bar	3.4 Bar

PVC RAIN GUTTER AND DOWN PIPES

Rain Gutter systems are in conformity with TS Norms and manufactured under the ISO 9000 Quality Management System.

Factors such as the appearance, the rain water charging and discharging capacity, easy installation and maximum quality are taken into consideration in the design process of Rain Gutters and its fittings.

The decorative look, easy handling and large portfolio of fittings are the most preferable features for both the end-user and installer.

100 RAIN GUTTER AND FITTINGS

100 mm Rain Gutter and Fittings are manufactured in conformity with TS EN 607 and their water flow capacity is 6,5 lt/m

150 RAIN GUTTER AND FITTINGS

150 Rain Gutter and Fittings are manufactured in conformity with TS EN 607 and their water flow capacity is 12 lt/m

100 ÇATI OLUĞU VE EK PARÇALARI

TS EN 607'ye uygun olarak üretilmekte olup, çatı oluğunun su taşıma kapasitesi 6,5lt./m'dir.

150 ÇATI OLUĞU VE EK PARÇALARI

TS EN 607'ye uygun olarak üretilmekte olup çatı oluğunun su taşıma kapasitesi 12 lt./m'dir.

EGETHERM SANITARY PIPES AND FITTINGS

EGETHERM PIPE (SDR6 PN 20)

EGETHERM BORU (SDR6 PN20)

Труба PPRC TYPE-3, PN20, SDR6

PN 20 انابيب بي بي ار سي



ITEM CODE Kod No	Ød(mm) Ød(mm)	s(mm) s(mm)	METER/PCS Metre/Paket
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19002020	20	3.40	100
19002025	25	4.20	100
19002032	32	5.40	60
19002040	40	6.70	40
19002050	50	8.30	20
19002063	63	10.50	20
19002075	75	12.50	12
19002090	90	15.00	8
19002110	110	18.30	8
19002125	125	20.80	4
19002140	140	23.30	4
19002160	160	26.60	4

EGETHERM PIPE (SDR7.4 PN16)

EGETHERM BORU (SDR7.4 PN16)

Труба PPRC TYPE-3, PN16, SDR7.4

PN 16 انابيب بي بي ار سي



ITEM CODE Kod No	Ød(mm) Ød(mm)	s(mm) s(mm)	METER/PCS Metre/Paket
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19002020	20	2.80	100
19002025	20	3.50	100
19002032	20	4.40	60
19002040	20	5.50	40
19002050	20	6.90	20
19002063	20	8.60	20
19002075	20	10.30	12
19002090	20	12.30	8
19002110	20	15.10	8
19002125	20	17.10	4
19002140	20	19.20	4
19002160	20	21.90	4

EGETHERM PIPE (SDR11 PN10)

EGETHERM BORU (SDR11 PN10)

Труба PPRC TYPE-3, PN10, SDR11

PN10 انابيب بي بي ار سي



ITEM CODE Kod No	Ød(mm) Ød(mm)	s(mm) s(mm)	METER/PCS Metre/Paket
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19002020	10	1.90	100
19002025	10	2.30	100
19002032	10	2.90	60
19002040	10	3.70	40
19002050	10	4.60	20
19002063	10	5.80	20
19002075	10	6.80	12
19002090	10	8.20	8
19002110	10	10.00	8
19002125	10	11.40	4
19002140	10	12.70	4
19002160	10	14.60	4

EGETHERM SANITARY PIPES AND FITTINGS

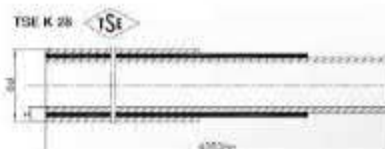
EGE COMPOSITE PIPE (SDR6 PN25)

EGE KOMPOZİT BORU (SDR6 PN25*)

Труба PPRC с армированием стекловолокном PN25, SDR6

أنابيب اجية المعزولة PN25

ITEM CODE Kod No	Ød(mm) Ød(mm)	s(mm) s(mm)	METER/PCS Metre/Paket
19502020	20	3.40	100
19502025	25	4.20	100
19502032	32	5.40	60
19502040	40	6.70	40
19502050	50	8.30	20
19502063	63	10.50	20
19502075	75	12.50	12
19502090	90	15.00	8
19502110	110	18.30	4



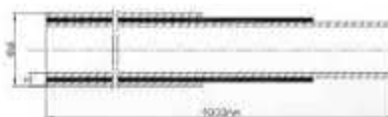
EGE COMPOSITE PIPE (SDR7.4 PN20)

EGE KOMPOZİT BORU (SDR7.4 PN20*)

Труба PPRC с армированием стекловолокном PN20, SDR7.4

SDR7.4 أنابيب اجية المعزولة PN 20

ITEM CODE Kod No	Ød(mm) Ød(mm)	s(mm) s(mm)	METER/PCS Metre/Paket
19502020	20	2.80	100
19502025	20	2.5	100
19502032	20	3.2	60
19502040	20	4.0	40
19502050	20	5.0	20
19502063	20	6.3	20
19502075	20	7.5	12
19502090	20	9.0	8
19502110	20	11.0	8



EGETHERM BLACK PIPE (SDR6 PN20)

EGETHERM SİYAH BORU (SDR6 PN20)

PPRC Чёрная Труба PN20, SDR6

الأنابيب الحرارية السوداء

ITEM CODE Kod No	Ød(mm) Ød(mm)	s(mm) s(mm)	METER/PCS Metre/Paket
19002020 SY	20	3.40	100
19002025 SY	25	4.20	100
19002032 SY	32	5.40	60
19002040 SY	40	6.70	40
19002050 SY	50	8.30	20
19002063 SY	63	10.50	20
19002075 SY	75	12.50	12
19002090 SY	90	15.00	8
19002110 SY	110	18.30	4
19002125 SY	125	20.80	4
19002140 SY	140	23.30	4
19002160 SY	160	26.60	4



EGETHERM SANITARY PIPES AND FITTINGS

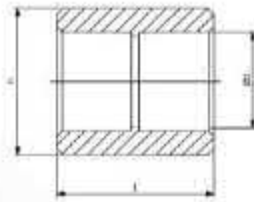
PIPE WITH ALUMINIUM FOIL (SDR6 PN25*)
FOLYOLU BORU (Deliksiz) (SDR6 PN25*)
PPRC Труба с армированием алюминием PN25, SDR6

25-PPR-نايب بي بي ار سي مع الالمنيوم



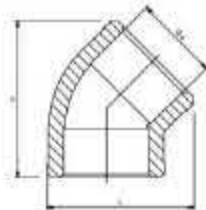
ITEM CODE Kod No	Ød(mm) Ød(mm)	s(mm) s(mm)	METER/PCS Metre/Paket
19500020	20	3.40	100
19500025	25	4.20	100
19500032	32	5.40	60
19500040	40	6.70	40
19002050	50	8.30	20

SOCKET
MANŞON
МУФТА
وصلة



ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19003020	20	32	29	250
19003025	20	35	34	150
19003032	20	39	42	100
19003040	20	46	55	40
19003050	20	50	66	40
19003063	20	58	84	24
19003075	20	61	100	12
19003090	20			20
19003110	20			15

ELBOW 45°
DİRSEK 45°
УГОЛЬНИК 45°
كوع 45°



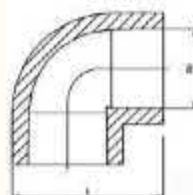
ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19005020	20	35	46	250
19005025	25	41	52	150
19005032	32	53	63	80
19005040	40	67	69	40
19005050	50	81	87	75
19005063	63	101	104	40
19005075	75			20
19005090	90			10
19005110	110			10

EGETHERM SANITARY PIPES AND FITTINGS

ELBOW 90 °
DİRSEK 90 °
УГОЛЬНИК 90°

كوع

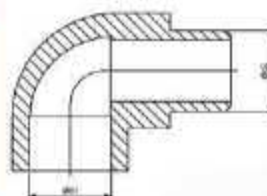
ITEM CODE Kod No	Ød Ød	L L	PCS/BOX Adet/ Kutu
19006020	20	39	150
19006025	25	42	100
19006032	32	62	40
19006040	40	79	30
19006050	50	81	24
19006063	63	102	8
19006075	75	119	6
19006090	90		10
19006110	110		6



TAIL ELBOW 90 °
KUYRUKLU DİRSEK 90 °
УГОЛЬНИК ВН.Р / Н.Р

ذیل کوع

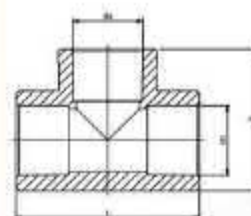
ITEM CODE Kod No	Ød 1 Ød 1	Ød 2 Ød 2	PCS/BOX Adet/ Kutu
19058020	20	19,5	150
19058025	25	24,5	100
19058032	32	31,2	40



EQUAL TEE
EŞİT TE
ТРОЙНИК

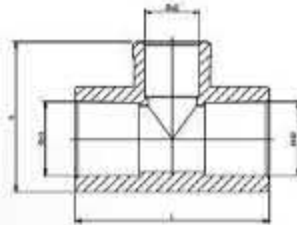
تی

ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19010020	20	52	40	100
19010025	25	60	48	80
19010032	32	72	57	40
19010040	40	85	69	25
19010050	50	100	84	18
19010063	63	120	102	8
19010075	75	138	119	6
19010090	90			8
19010110	110			5



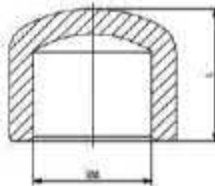
EGETHERM SANITARY PIPES AND FITTINGS

REDUCING TEE
REDÜKSİYON TE
ТРОЙНИК РЕДУКЦИОННЫЙ
تي منقص



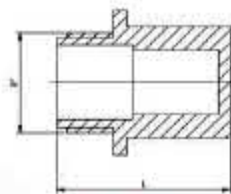
ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Ød3 Ød3	L L	h h	PCS/BOX Adet/ Kutu
190110252020	25	20	20	59	48	80
190110252025	25	20	25	59	48	80
190110322020	32	20	20	70	52	40
190110322032	32	20	32	70	52	40
190110322520	32	25	20	70	52	40
190110322532	32	25	32	70	52	40
190110402040	40	20	40	84	66	25
190110402540	40	25	40	84	66	25
190110403240	40	25	40	84	66	25
190110503240	50	32	40			50
190110503250	50	32	50			50
190110603263	63	32	63			8
190110634063	50	40	50			50
190110635063	63	50	63			20
190110756075	75	63	75			15
190110907590	90	75	90			10
1901111090110	110	90	110			5

PROTECTION CAP
KAPAMA BAŞLIĞI
ЗАГЛУШКА
سدة لجام



ITEM CODE Kod No	Ød Ød	L L	PCS/BOX Adet/ Kutu
19014020	20	22	500
19014025	25	25	200
19014032	32	28	100
19014040	40	33	100
19014050	50	38	60
19014063	63	53	40
19014075	75	57	40
19014090	90		30
190140110	110		20

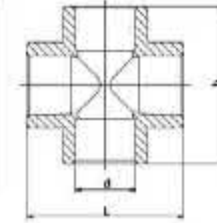
THREADED ENDLUG
KÖRTAPA (DİŞLİ)
ЗАГЛУШКА С РЕЗЬБОЙ
سدة بسن



ITEM CODE Kod No	Ød Ød	R" R"	L L	PCS/BOX Adet/ Kutu
190140200020	20	1/2	34	300
190140250025	25	3/4	37	250
190140320032	32	1		150

EGETHERM SANITARY PIPES AND FITTINGS

ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19631020	20	54	54	50
19631025	25	56	56	50
19631032	32	71	71	30

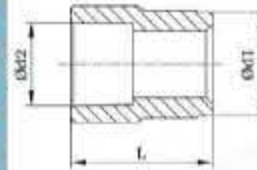


CROSS
İSTAVROZ
КРЕСТОВИНА

مجمع



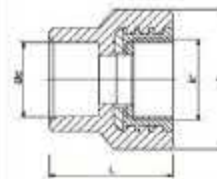
ITEM CODE Kod No	Ød 1 Ød 1	Ød 2 Ød 2	L L	PCS/BOX Adet/ Kutu
190040250020	25	20	36	250
190040320020	32	20	40	150
190040320025	32	25	40	100
190040400020	40	20	43	100
190040400025	40	25	43	100
190040400032	40	32	45	100
190040500020	50	20	48	75
190040500025	50	25	49	40
190040500032	50	32	51	60
190040500040	50	40	53	40
190040630032	63	32	57	30
190040630040	63	40	60	30
190040630050	63	50	63	30
190040750050	75	50	67	24
190040750063	75	63	71	20
190040900063	90	63		5
190040900075	90	75		20
190041100075	110	75		10
190041100090	110	90		10



REDUCER
REDÜKSİYON
МУФТА ПЕРЕХОДНАЯ
نقاسة



ITEM CODE Kod No	Ød Ød	R" R"	L L	h h	PCS/BOX Adet/ Kutu
190180200020	20	1/2	38	39	150
190180200025	20	3/4	38	39	80
190180250020	25	1/2	42	39	100
190180250025	25	3/4	40	45	100
190180320020	32	1/2	46	54	30
190180320025	32	3/4	46	54	30
190180320032	32	1	46	54	50
190180400040	40	1 1/4	51	76	24
190180500040	50	1 1/4	66	75	24
190180500050	50	1 1/2	68	82	24
190180630050	63	1 1/2	72	84	10
190180630063	63	2	79	100	10
190180630075	75	2 1/2			8
190180630090	90	3			20
190181100110	110	4			



TRANSITION PIECE FEMALE THREADED
DIŞI ADAPTÖR
МУФТА КОМБИНИРОВАННАЯ ВН.Р

وصله مع سن انثى

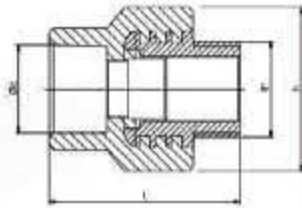


EGETHERM SANITARY PIPES AND FITTINGS

TRANSITION PIECE MALE THREADED
ERKEK ADAPTÖR

МУФТА КОМБИНИРОВАННАЯ Н.Р

وصله مع سن ذكر



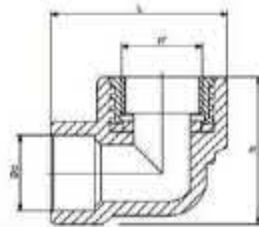
ITEM CODE Kod No	Ød1 Ød1	R" R"	L L	h h	PCS/BOX Adet/ Kutu
190190200020	20	1/2	51	39	100
190190200025	20	3/4	53	39	80
190190250020	25	1/2	56	39	80
190190250025	25	3/4	53	45	80
190190320020	32	1/2	60	54	30
190190320025	32	3/4	62	54	30
190190320032	32	1	63	54	50
190190400040	40	1 1/4	86	76	24
190190500040	50	1 1/4	87	75	20
190190500050	50	1 1/2	89	77	24
190190630050	63	1 1/2	93	84	11
190190630063	63	2	104	86	11
190190630075	75	2 1/2			8
190190630090	90	3			16
190191100110	110	4			

ELBOW FEMALE THREADED 90 °

DİŞİ DİRSEK 90 °

УГОЛ КОМБИНИРОВАННЫЙ ВН.Р

كوع أنثى بسن



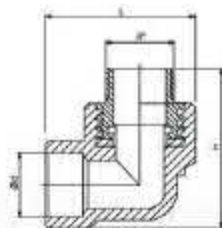
ITEM CODE Kod No	Ød1 Ød1	R" R"	L L	h h	PCS/BOX Adet/ Kutu
190070200020	20	1/2	45	50	100
190070200025	20	3/4	55	47	50
190070250020	25	1/2	54	54	80
190070250025	25	3/4	54	54	50
190070320020	32	1/2	73	61	30
190070320025	32	3/4	73	61	30
190070320032	32	1	73	61	30
190070400040	40	1 1/4	90	77	15

ELBOW MALE THREADED 90 °

ERKEK DİRSEK 90 °

УГОЛ КОМБИНИРОВАННЫЙ Н.Р

كوع ذكر بسن



ITEM CODE Kod No	Ød1 Ød1	R" R"	L L	h h	PCS/BOX Adet/ Kutu
190080200020	20	1/2	45	63	100
190080200025	20	3/4	55	60	50
190080250020	25	1/2	54	68	80
190080250025	25	3/4	54	68	50
190080320020	32	1/2	73	77	30
190080320025	32	3/4	73	78	24
190080400032	32	1	73	80	20
190080400040	40	1 1/4	90	112	15

EGETHERM SANITARY PIPES AND FITTINGS

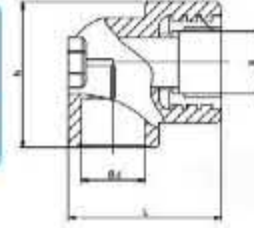
WALL BRACKET ELBOW 90° WITH FEMALE THREADED

DİŞİ BATARYA GİRİŞİ 90°

УГОЛ КОМБИНИР С КРЕПЛЕНИЕМ ВН.Р

كوع نهاية خط بسن

ITEM CODE Kod No	Ød Ød	R* R*	L L	h h	PCS/BOX Adet/ Kutu
190090200020	20	1/2	44	47	80
190090250020	25	1/2	55	52	60



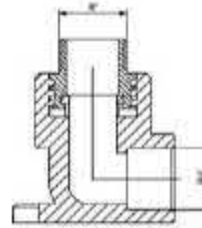
WALL BRACKET ELBOW 90° WITH MALE THREADED

ERKEK BATARYA GİRİŞİ 90°

УГОЛ КОМБИНИР С КРЕПЛЕНИЕМ Н.Р

كوع نهاية خط ذكر بسن

ITEM CODE Kod No	Ød Ød	R* R*	PCS/BOX Adet/ Kutu
1904902000020	20	1/2	200
1904902500020	25	1/2	200



DUAL BATTERY CONNECTION

İKİLİ BATARYA BAĞLANTISI

ДВОЙНОЙ УГОЛ КОМБИНИР ВН.Р

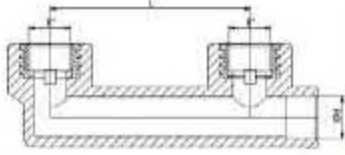
بطارية الربط المزدوج

ITEM CODE Kod No	Ød Ød	R* R*	L L	PCS/BOX Adet/ Kutu
1905602000020	20	1/2	150	20
1905602500020	25	1/2	150	20



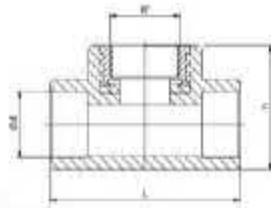
EGETHERM SANITARY PIPES AND FITTINGS

LUSTRATION BATTERY CONNECTION
TAHARET BATARYA BAĞLANTISI
КОМПЛЕКТ УНИВЕРСАЛЬНЫЙ НАСТЕННЫЙ
بطارية طهارة



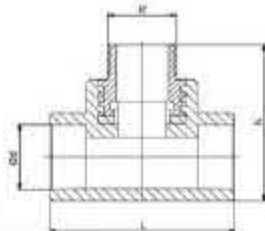
ITEM CODE Kod No	Ød Ød	R" R"	L L	PCS/BOX Adet/ Kutu
190570200020	20	1/2	90	30

TEE FEMALE THREADED
DİŞİ TE
ТРОЙНИК КОМБИНИРОВАННЫЙ ВН.Р
تي مسننة انثى



ITEM CODE Kod No	Ød Ød	R" R"	L L	h h	PCS/BOX Adet/ Kutu
190120202020	20	1/2	54	48	100
190120202520	20	3/4	54	48	40
190120252025	25	1/2	75	56	50
190120252525	25	3/4	75	56	40
190120322032	32	1/2	92	60	20
190120322532	32	3/4	92	60	20
190120323232	32	1	92	60	20
190120404040	40	1 1/4	107	81	18

TEE MALE THREADED
ERKEK TE
ТРОЙНИК КОМБИНИРОВАННЫЙ Н.Р
تي مسننة ذكر

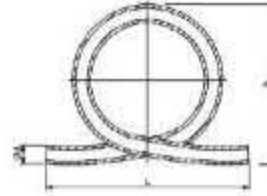


ITEM CODE Kod No	Ød Ød	R" R"	L L	h h	PCS/BOX Adet/ Kutu
190130202020	20	1/2	54	62	80
190130202520	20	3/4	54	67	40
190130252025	25	1/2	75	68	50
190130252525	25	3/4	75	72	40
190130322032	32	1/2	92	77	20
190130322532	32	3/4	92	79	15
190130323232	32	1	92	79	20
190120404040 U	40	1 1/4	107	101	12

EGETHERM SANITARY PIPES AND FITTINGS

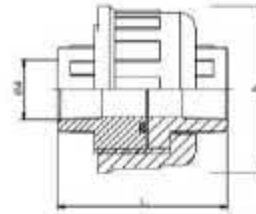
BOWKNOT
FİYONG
КОМПЕНСАТОР
وصل نهدد

ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19015020	20	160	170	25
19015025	25	190	180	20
19015032	32	250	220	10
19015040	40	250	240	5



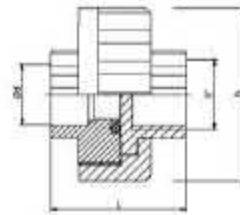
TRANSITION PIECE
RAKOR (Kaynaklı)
МУФТА РАЗЪЕМНАЯ
قطعة لحويل

ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19032020 U	20	56	54	50
19032025	25	46	60	20
19032032	32	52	68	20
19032040	40	60	83	20
19032050	50	72	96	20
19032063	63	87	116	6
19032075	75	-	-	6
19032090	90	-	-	10
19032110	110	-	-	6



TRANSITION MUFF FEMALE THREADED
RAKOR (Dişli-Kaynaklı)
МУФТА РАЗЪЕМНАЯ РЕЗЬБОВАЯ
قطعة لحويل مسننة أنثى

ITEM CODE Kod No	Ød Ød	R" R"	L L	h h	PCS/BOX Adet/ Kutu
1903202001	20	1/2	44	55	50
1903202501	25	3/4	-	-	200
1903203201	32	1	-	-	150
1903204001	40	1 1/4	-	-	50
1903205001	50	1 1/2	-	-	30
1903206301	63	2	-	-	20
1903207501	75	2 1/2	-	-	15
1903209001	90	3	-	-	10
1903211001	110	4	-	-	6



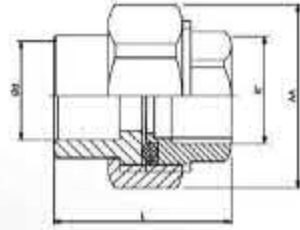
EGETHERM SANITARY PIPES AND FITTINGS

COUPLING SCREW JOINT FEMALE THREADED

OYNAR BAŞLI DIŞI RAKOR

МУФТА РАЗЪЕМНАЯ КОМБИНИРОВАННАЯ ВН.Р

قطع وصل مسننة انثى



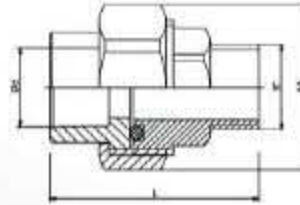
ITEM CODE Kod No	Ød Ød	R" R"	L L	AA AA	PCS/BOX Adet/ Kutu
190280200020	20	1/2	35	36	100
190280200025	20	3/4			100
190280200032	20	1			40
190280250025	25	3/4	38	45	50
190280250032	20	1			50
190280320025	32	3/4			40
190280320032	32	1	42	52	40
190280320040	32	1 1/4			40
190280420040	40	1 1/4	50	63	25
190280420050	50	1 1/2	51	79	20
190280630063	63	2	62	103	10
190280750075	75	2 1/2	-	-	6

COUPLING SCREW JOINT MALE THREADED

OYNAR BAŞLI ERKEK RAKOR

МУФТА РАЗЪЕМНАЯ КОМБИНИРОВАННАЯ Н.Р

قطع وصل مسننة ذكر



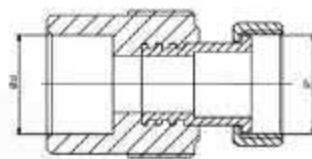
ITEM CODE Kod No	Ød Ød	R" R"	L L	AA AA	PCS/BOX Adet/ Kutu
190290200020	20	1/2	35	36	100
190290200025	20	3/4			100
190290200032	20	1			100
190290250025	25	3/4	49	45	50
190290250032	25	1			50
190290320025	32	3/4			30
190290320032	32	1	57	52	30
190290320040	32	1 1/4			30
190290400040	40	1 1/4	66	63	25
190290500050	50	1 1/2	67	79	20
190290630063	63	2	79	103	10
190290750075	75	2 1/2	-	-	8

NIPPLE LOOSE NUT

HAREKETLİ NİPEL

МУФТА С НАКИДНОЙ ГАЙКОЙ

أكرة وصل متحركة

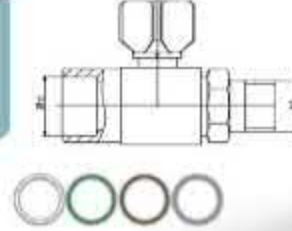


ITEM CODE Kod No	Ød Ød	R" R"	PCS/BOX Adet/ Kutu
190480200020	20	1/2	200
190480200025	20	3/4	100
190480250025	25	3/4	100
190480250032	25	1	50
190480320032	32	1	50
190480320040	32	1 1/4	40

EGETHERM SANITARY PIPES AND FITTINGS

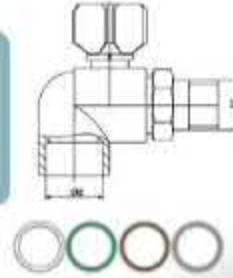
RADIATOR VALVE STRAIGHT
RADYATÖR VANASI DÜZ
ВЕНТИЛЬ ДЛЯ РАДИАТОРА ПРЯМОЙ
سخان مستقيم

ITEM CODE Kod No	Ød Ød	R" R"	Pcs/pkg Adet/paket
190460200020	20	1/2	50



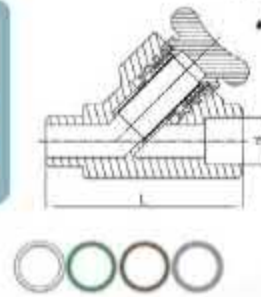
RADIATOR VALVE ELBOW
RADYATÖR VANASI DİRSEK
ВЕНТИЛЬ ДЛЯ РАДИАТОРА УГЛОВОЙ
سخان مستقيم بکوع

ITEM CODE Kod No	Ød Ød	R" R"	Pcs/pkg Adet/paket
190470200020	20	1/2	20
190470250025	25	3/4	25



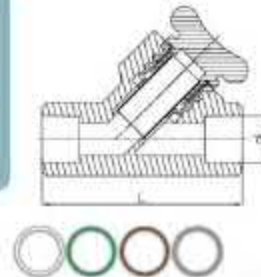
MALE FILTER
ERKEK FİLTRE
ФИЛЬТР ВНУТР. / НАРУЖ.
صمام ذکري لتصفية الماء

ITEM CODE Kod No	Ød Ød	L L	Pcs/pkg Adet/paket
19071020	20	76	50
19071025	25	88	30
19071032	32	106	25



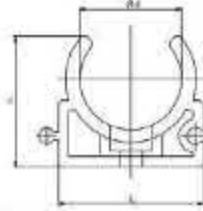
FEMALE FILTER
DİŞİ FİLTRE
ФИЛЬТР ВНУТР. / ВНУТР.
صمام أنثى لتصفية الماء

ITEM CODE Kod No	Ød Ød	L L	Pcs/pkg Adet/paket
19070020	20	76	50
19070025	25	88	30
19070032	32	106	25



EGETHERM SANITARY PIPES AND FITTINGS

CLIPS
KLİPS
КРЕПЛЕНИЕ
مربط



ITEM CODE
Kod No

Ød
Ød

L
L

h
h

PCS/BOX
Adet/ Kutu

19016020

20

29

28

300

19016025

25

35

32

250

19016032

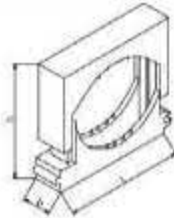
32

44

38

200

CLIPS
KLİPS
КРЕПЛЕНИЕ
مربط



ITEM CODE
Kod No

Ød
Ød

L
L

h
h

b
b

PCS/BOX
Adet/ Kutu

190160400050

40

65

57

16

100

190160400050

50

65

67

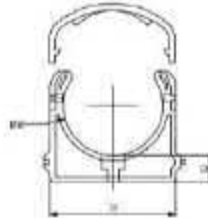
16

100

Note: This item can be adjusted for the diameter Ø40mm.

Not: Bu klips Ø40 çapa da ayarlanabilir.

CLIPS
KLİPS
КРЕПЛЕНИЕ
مربط



ITEM CODE
Kod No

Ød
Ød

l1
l1

l2
l2

PCS/BOX
Adet/ Kutu

19016063

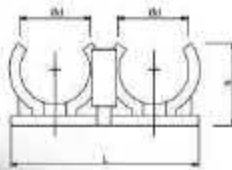
63

92

19

100

DOUBLE CLIPS
ÇİFTLİ KLİPS
КРЕПЛЕНИЕ ДВОЙНОЕ
مربط تثنائي



ITEM CODE
Kod No

Ød
Ød

L
L

h
h

PCS/BOX
Adet/ Kutu

190160001020

20

53

23

300

190160001025

25

250

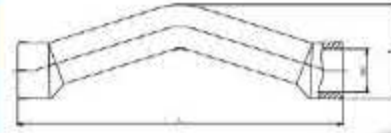
EGETHERM SANITARY PIPES AND FITTINGS

CROSS OVER KÖPRÜ

ОБВОДНОЕ КОЛЕНО С МУФТОЙ

جسر

ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19017020 E	20	160	46	70
19017025 E	25	200	57	40
19017032 E	32	266	71	15



CROSS OVER KÖPRÜ

ОБВОДНОЕ КОЛЕНО С МУФТОЙ

جسر

ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19017040	40	440	83	25

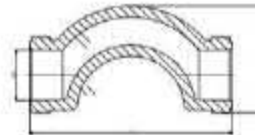


CROSS OVER SHORT KÖPRÜ KISA

ОБВОДНОЕ КОЛЕНО С МУФТОЙ (КОРОТКОЕ)

جسر مع وصلة

ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19017020KS	20	77	39	100
19017025KS	25	98	52	60
19017032KS	32			100

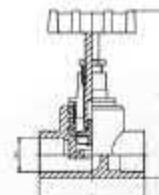


STOP VALVE STOP VANA

ВЕНТИЛЬ

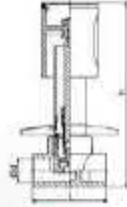
محبس

ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19040020	20	55	110	40
19040025	25	79	113	30
19040032	32	90	130	15



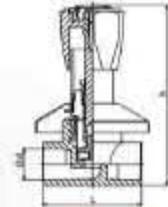
EGETHERM SANITARY PIPES AND FITTINGS

STOP VALVE WITH CHROME COVER (LUX)
LÜKS ANKASTRE VANA
ВЕНТИЛЬ ХРОМИРОМ. ЗАПОРНЫЙ ЕGETHERM ЛЮКС
محبس كروم لوكس



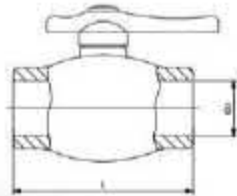
ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19044020	20	55	110	25
19044025	25	79	113	20
19044032	32	90	130	15

STOP VALVE WITH CHROME COVER
ANKASTRE VANA
ВЕНТИЛЬ ХРОМИРОМ. ЗАПОРНЫЙ
محبس كروم



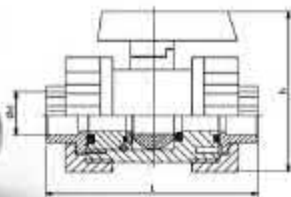
ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19042020	20	55	110	25
19042025	25	79	113	20
19042032	32	90	130	15

BALL COCK
SABİT GÖVDELİ KÜRESEL VANA
КРАН ШАРОВОЙ
محبس (كروي)



ITEM CODE Kod No	Ød Ød	L L	PCS/BOX Adet/ Kutu
19043020	20	74	40
19043025	25	83	30
19043032	32	90	20
19043040	40	112	10
19043050	50	118	8
19043063	63	140	4
19043075	75	166	4

UNION BALL COCK
KÜRESEL VANA (RAKORLU)
КРАН ШАРОВОЙ РАЗЪЕМНЫЙ
محبس (كروي)



ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19041020	20	86	76	12
19041025	25	96	89	12
19041032	32	110	100	12
19041040	40	-	-	12
19041050	50	-	-	12
19041063	63	-	-	12
19041075	75	195	166	4
19041090	90	-	-	4

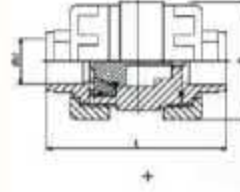
EGETHERM SANITARY PIPES AND FITTINGS

CHECK VALVE
ÇEK VALF

МУФТА РАЗЪЕМНАЯ ДВОЙНАЯ

صمام عكسي

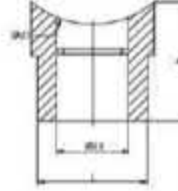
ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19045020	20	83	54	12
19045025	25	109	60	12
19045032	32	-	-	12
19045040	40	125	83	12
19045050	50	153	92	12
19045063	63	-	-	12
19045075	75	-	-	12
19045090	90	-	-	4
19045110	110	-	-	4

WELDING SADDLE
BRANŞMAN PARÇASI

МУФТА СЕДЛО ПРИВАРНОЕ

ركاب

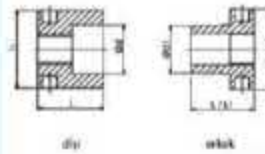
ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	h h	PCS/BOX Adet/ Kutu
190330630020	63	20	250	250
190330630025	63	25	200	200
190330750020	70	20	150	150
190330750025	70	25	150	150

WELDING SOCKET
KAYNAK PAFTASI

НАСАДКА

(قطع لنام) مفه

ITEM CODE Kod No	Ød Ød	Ød1 Ød1	L L	L1 L1	h h	h1 h1	PCS/BOX Adet/ Kutu
19302020	20	20	22	27	30	32	1
19302025	25	25	26	30	32	38	1
19302032	32	32	32	30	38	43	1
19302040	40	40	35	31	45	60	1
19302050	50	50	36	33	56	69	1
19302063	63	63	38	38	69	82	1
19302075	75	75	41	41	81	97	1
19302090	90	90	-	-	-	-	-
19302110	110	110	-	-	-	-	-

WELDING DEVICE
BRANŞMAN PAFTASI

ITEM CODE Kod No	Ød Ød	L L	h h	PCS/BOX Adet/ Kutu
19310040	40	40	15	1
19310050	50	40	15	1
19310063	63	40	15	1
19310075	75	40	15	1



EGETHERM SANITARY PIPES AND FITTINGS

WELD IN SADDLE
KOMBİ SET
КОМПЛЕКТ ДЛЯ ПОДКЛЮЧЕНИЯ БОЙЛЕРА
طقم سخانات المياه



ITEM CODE

Kod No

190555 (8'li Set Adaptörlü)
1905502EL25

Special (All 25 mm)



WELDING SET (Includings)
KAYNAK SETİ (2X650 W)
КОМПЛЕКТ ДЛЯ СВАРКИ ТРУБ 20-40 650W
طقم ماكينة لحام الأنابيب



ITEM CODE Kod No: 19060

PCS/BOX Adet Kutu: 1

Welding Machine (2 Resistance=650 W) Kaynak Makinesi
Pipe Cutter / Makas
Welding Socket / Kaynak Paftası (2 Pcs 20 mm Male & Female /2 Takım Erkek- Dişi)
Welding Socket / Kaynak Paftası (1 Pcs 25 mm Male & Female /1 Takım Erkek- Dişi)
Welding Socket / Kaynak Paftası (1 Pcs 32 mm Male & Female /1 Takım Erkek- Dişi)
Welding Socket / Kaynak Paftası (1 Pcs 40 mm Male & Female /1 Takım Erkek- Dişi)
Welding Socket-Key (For Squeeze) / Kaynak Paftası Anahtarı
Bolt (4 Pcs for Welding Sockets) / Pafta için vida
Wrench (2 Pcs) / Anahtar
Measuring Stick/ Metre
Leg for Welding Machine/ Ayak
Metal Bag/ Metal Çanta
Guarantee Certificate / Garanti Belgesi
Pattern (for Welding Deepness signing) / Kaynak Boyu Şablonu

PIPE CUTTER
BORU MAKASI
РЕЗАК ДЛЯ ТРУБ
قاطع الأنابيب



ITEM CODE Kod No: 19062

PCS/BOX Adet Kutu: 1

EGETHERM SANITARY PIPES AND FITTINGS

ITEM CODE Kod No: 19064

PCS/BOX Adet Kutu: 1

PIPE REPAIR SOCKET (Male- Female)
BORU TAMİR PAFTASI (Erkek - Dişi)
РЕМОНТНЫЙ КОМПЛЕКТ
وصله إصلاح



ITEM CODE Kod No: 19064

PCS/BOX Adet Kutu: 1

PIPE REPAIR SOCKET (Male- Female)
BORU TAMİR PAFTASI (Erkek - Dişi)
СВАРОЧНЫЙ РАЗЪЕМ
وصله لحام



ITEM CODE

Kod No

Ød

Ød

Pcs/pkg

Adet/kutu

195100200025

20/25

1

195100320040

32/40

1

195100400050

32/40

1

195100500063

50/63

1

195100630075

63/75

1

PEELING TOOL
FOLYOLU BORU TRAŞ MAKİNASI
ЗАЧИСТКА ДЛЯ ТРУБ
اداة تقشير / مبراة



ITEM CODE Kod No: 19002010

PCS/BOX Adet Kutu: 1

PP STICK FOR REPAIRING PIPE
PP TAMİR KAYNAK ÇUBUĞU
РЕМОНТНЫЙ КОМПЛЕКТ
قطعة لحام PPR



ITEM CODE Kod No: 19002010

PCS/BOX Adet Kutu: 1

RESISTANCE
REZİSTANS
РЕЗИСТАНС
مقاوم



PVC-U RAIN GUTTER & DOWN PIPES

**PVC-U ATI OLUĐU
VE YAĐMUR İNİŐ
BORULARI**



TS EN ISO 9001:2000



PVC RAIN GUTTER AND DOWN PIPES

100 RAIN GUTTER
100 ÇATI OLUĞU
100мм желоб
أنابيب زخلية مياه الأمطار



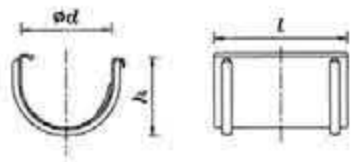
ITEM CODE	Ød(mm)	h(mm)	l(mm)	Pcs/Pkg
Kod No	Ød(mm)	h(mm)	lMetre	Adet/ Paket
120011004000	104	78,5	4	5



RAIN GUTTER SLEEVE
ÇATI OLUĞU MANŞON
Муфта для желоба
وصلة



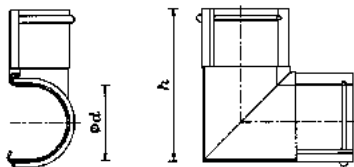
ITEM CODE	Ød(mm)	h(mm)	l(mm)	Pcs/Pkg
Kod No	Ød(mm)	h(mm)	lMetre	Adet/ Paket
12015100	104	79	112	50



100 RAIN GUTTER INNER BELOW
100 ÇATI OLUĞU İÇ DİRSEK
100мм угловой элемент внутренний
كوع



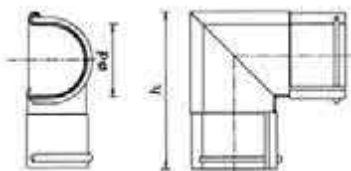
ITEM CODE	Ød(mm)	h(mm)	Pcs/Pkg
Kod No	Ød(mm)	h(mm)	Adet/ Paket
12159100	104	184	25



100 RAIN GUTTER OUTER BELOW
100 ÇATI OLUĞU DIŞ DİRSEK
100мм угловой элемент наружный
كوع



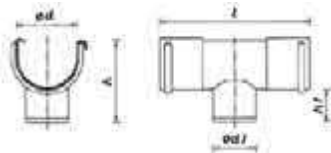
ITEM CODE	Ød(mm)	h(mm)	Pcs/Pkg
Kod No	Ød(mm)	h(mm)	Adet/ Paket
12158100	104	184	25



PVC RAIN GUTTER AND DOWN PIPES

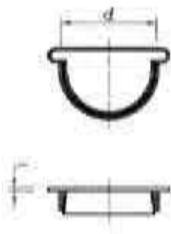
100/70 RAIN GUTTER TE
100/70 MANŞET TE
100x70мм воронка
70/100 تي

ITEM CODE	Ød(mm)	Ød1(mm)	h(mm)	h1(mm)	l(mm)	Pcs/Pkg
Kod No	Ød(mm)	Ød1(mm)	h(mm)	h1(mm)	l(mm)	Pcs/Pkg
120291000070	104	75	132	51	200	40



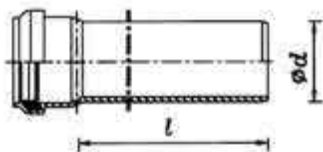
100 RAIN GUTTER ENDPLUG
100 ÇATI OLUĞU KÖR TAPA
100mm Заглушка желоба
100 سدّة

ITEM CODE	Ød(mm)	l(mm)	Pcs/Pkg
Kod No	Ød(mm)	l(mm)	Adet/ Paket
12014100	104	4	300



Ø 75 DOWN PIPE
Ø 75 İNİŞ BORUSU
75мм водосточная труба
أنايب تدفق مياه الأمطار

ITEM CODE	Ød(mm)	l(mm)	Pcs/Pkg
Kod No	Ød(mm)	l(mm)	Pcs/Pkg
055010700150	75	150	60
055010700250	75	250	35
055010700500	75	500	20
055010700750	75	750	20
055010701000	75	1000	20
055010702000	75	2000	1
055010703000	75	3000	1
055010706000	75	6000	1

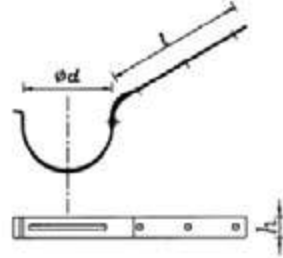


PVC RAIN GUTTER AND DOWN PIPES

100 RAIN GUTTER BRACELETTE
100 ÇATI OLUĞU KELEPÇESİ
100мм металлическая клипса
مربط 100



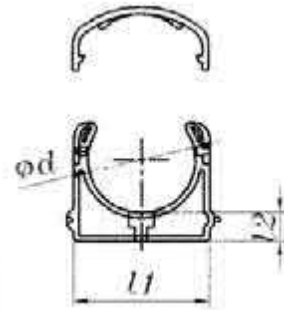
ITEM CODE Kod No	Ød(mm) Ød(mm)	h(mm) h(mm)	l(mm) lMetre	Pcs/Pkg Adet/ Paket
12039100	104	25	175	50



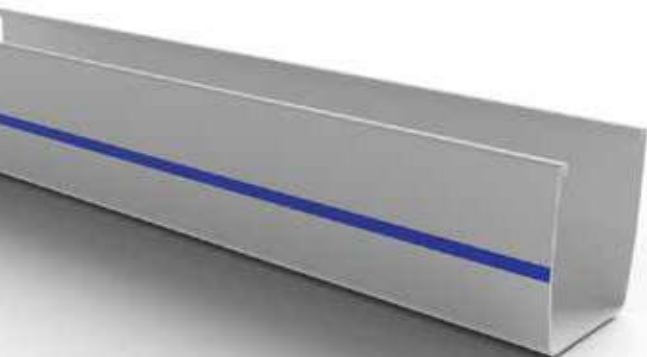
Ø 75 DOWN PIPE BRACELETTE
Ø 75 İNİŞ BORUSU KELEPÇESİ
75мм крепление трубы
مربط 75



ITEM CODE Kod No	Ød(mm) Ød(mm)	l1(mm) l1(mm)	l2(mm) l2Metre	Pcs/Pkg Adet/ Paket
04039070	75	95	20	100



150 RECTANGULAR RAIN GUTTER
150 KÖŞELİ YAĞMUR DERESİ
150мм прямоугольный желоб
نخلة مياه الأسطى 150 انبوب مستطيل



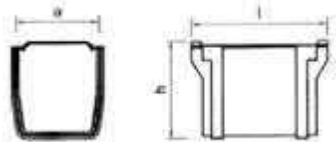
ITEM CODE Kod No	a(mm) a(mm)	h(mm) h(mm)	l(mm) l(mm)	Pcs/Pkg Adet/ Paket
120011504000	112	117,5	4	5



PVC RAIN GUTTER AND DOWN PIPES

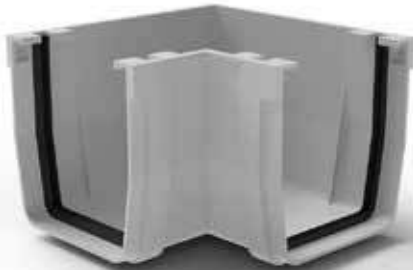
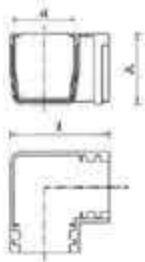
150 RECTANGULAR RAIN GUTTER SLEEVE
 150 KÖŞELİ YAĞMUR DERESİ MANŞON
 150мм прямоугольная муфта для желоба
 وطة مستطيلة

ITEM CODE	a(mm)	h(mm)	l(mm)	Pcs/Pkg
Kod No	a(mm)	h(mm)	l(mm)	Adet/ Paket
12015150	113	134	133	50



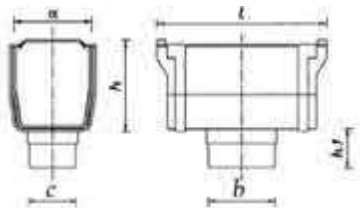
150 RECTANGULAR RAIN GUTTER ELBOW
 150 KÖŞELİ YAĞMUR DERESİ DİRSEK
 150мм угловой элемент прямоугольный
 كوع مستطيل

ITEM CODE	a(mm)	h(mm)	l(mm)	Pcs/Pkg
Kod No	a(mm)	h(mm)	l(mm)	Adet/ Paket
12038150	112	117,5	178	32



150/100 RECTANGULAR RAIN GUTTER TEE
 150 /100 KÖŞELİ YAĞMUR DERESİ MANŞET TE
 150x100мм прямоугольная воронка
 تي مستطيلة 100/150

ITEM CODE	a(mm)	bxс(mm)	h(mm)	h1(mm)	l(mm)	Pcs/Pkg
Kod No	a(mm)	bxс(mm)	hmm)	h1(mm)	l(mm)	Adet/ Paket
120291500100	112	97x67	125	54	250	18



PVC RAIN GUTTER AND DOWN PIPES

150/70 RECTANGULAR RAIN GUTTER TEE

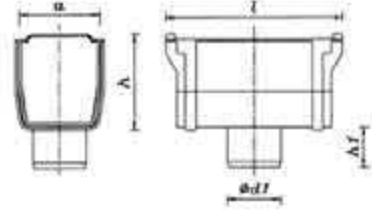
150 /70 KÖŞELİ YAĞMUR DERESİ MANŞET TE (YUVARLAK)

150/70 мм прямоугольная воронка (круглый выход)

150/70 تي مستطيلة



ITEM CODE	a(mm)	Ød1(mm)	h(mm)	h1(mm)	l(mm)	Pcs/Pkg
Kod No	a(mm)	Ød1(mm)	h(mm)	h1(mm)	l(mm)	Adet/ Paket
12091500070	112	75	125	57	250	18



150 RECTANGULAR RAIN GUTTER ENDPLUG

150 KÖŞELİ YAĞMUR DERESİ KÖRTAPA

150мм прямоугольная заглушка желоба

سدة مستطيلة



ITEM CODE	a(mm)	h(mm)	l(mm)	Pcs/Pkg
Kod No	a(mm)	h(mm)	l(mm)	Adet/ Paket
12014150	112	123	7	100



150 RAIN GUTTER BRACELETTE

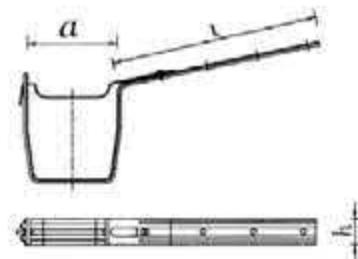
150 KÖŞELİ YAĞMUR DERESİ KELEPÇESİ

150мм металлическая клипса

مربط 150



ITEM CODE	a(mm)	h(mm)	l(mm)	Pcs/Pkg
Kod No	a(mm)	h(mm)	l(mm)	Adet/ Paket
12039150	124	33	255	50



PVC RAIN GUTTER AND DOWN PIPES

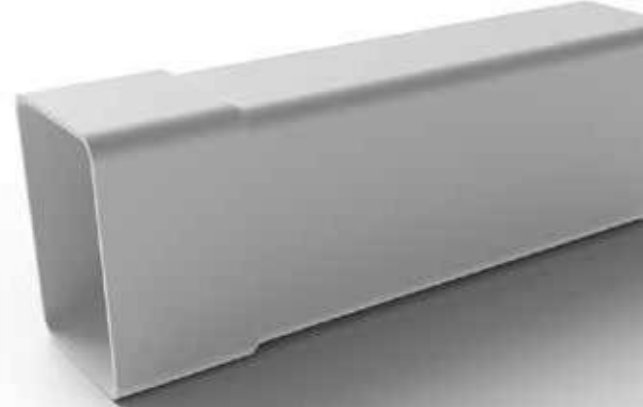
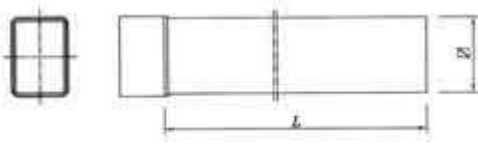
100/70 RECTANGULAR DOWN PIPE

100/70 KÖŞELİ İNİŞ BORUSU

100/70 mm водосточная труба

أنبوب لتدفق مياه الأمطار مستطيل 100/70

ITEM CODE Kod No	∅d(mm) ∅d(mm)	l(mm) l(mm)	Pcs/Pkg Pcs/Pkg
130011500500U	97,5x67,5	500	4
130011501000U	97,5x67,5	1000	4
130011502000U	97,5x67,5	2000	4
130011503000U	97,5x67,5	3000	4
130011504000U	97,5x67,5	4000	4
130011505000U	97,5x67,5	5000	4
130011506000U	97,5x67,5	6000	4



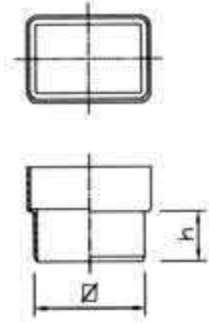
RECTANGULAR DOWN PIPE SLEEVE

KÖŞELİ İNİŞ BORUSU MANŞONU

Муфта прямоугольный для желоба

وصلة لأنبوب تدفق مياه الأمطار مستطيل

ITEM CODE Kod No	∅(mm) ∅(mm)	h(mm) h(mm)	Bundle Bağ
13015150	97,5x67,5	41	100



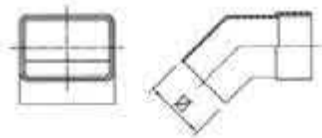
RECTANGULAR DOWN PIPE ELBOW 45 °

KÖŞELİ İNİŞ BORUSU DİRSEĞİ 45 °

Прямоугольный угольник 45°

كوع لأنبوب تدفق مياه الأمطار مستطيل

ITEM CODE Kod No	∅(mm) ∅(mm)	Pcs/Pkg Bağ
13038150	97,5x67,5	50



PVC RAIN GUTTER AND DOWN PIPES

RECTANGULAR DOWN PIPE SINGLE BRANCH 45°

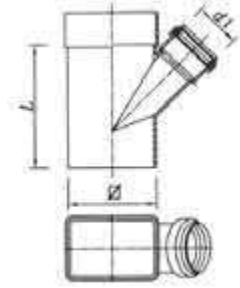
KÖŞELİ İNİŞ BORUSU TEK ÇATAL 45°

прямоугольная труба с отводом

كوع مفرد 45°



ITEM CODE	∅(mm)	Ød1(mm)	L(mm)	Pcs/Pkg
Kod No	∅(mm)	Ød1(mm)	L(mm)	Adet/ Paket
13030150	97,5X67,5	50	133	25



RECTANGULAR DOWN PIPE DOUBLE BRANCH 45°

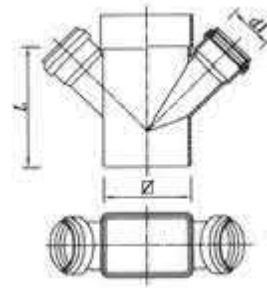
KÖŞELİ İNİŞ BORUSU ÇİFT ÇATAL 45°

прямоугольная труба с двумя отводами

تفريع مزدوج 45°



ITEM CODE	∅(mm)	Ød1(mm)	L(mm)	Pcs/Pkg
Kod No	∅(mm)	Ød1(mm)	L(mm)	Adet/ Paket
13020150	97,5X67,5	50	133	25



RECTANGULAR DOWN PIPE BRACELETTE

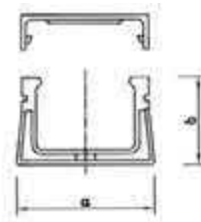
KÖŞELİ İNİŞ BORU KELEPÇESİ

Крепление для прямоугольной трубы

مربط

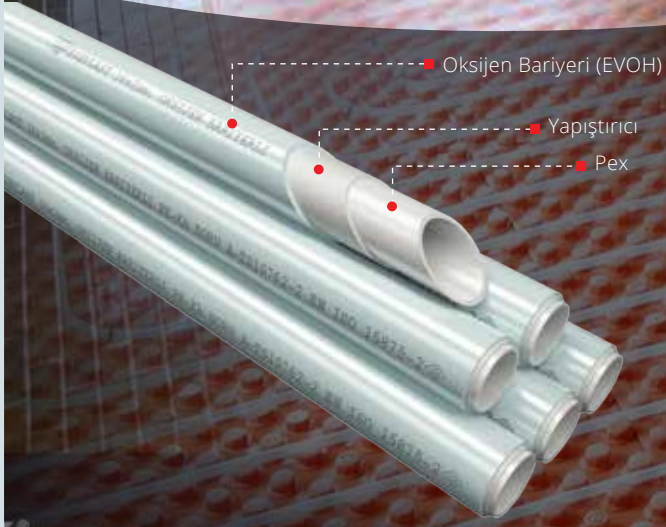


ITEM CODE	a(mm)	b(mm)	Pcs/Pkg
Kod No	a(mm)	b(mm)	Adet/ Paket
13039150	137,5	85	80



HEATING SYSTEMS PIPES AND FITTINGS

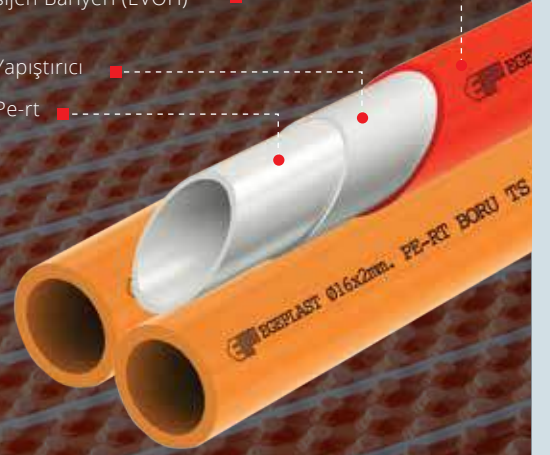
ISITMA SİSTEMLERİ BORU VE EK PARÇALARI



Oksijen Bariyeri (EVOH)

Yapıştırıcı

Pe-rt



TS EN ISO 9001:2000



HEATING SYSTEMS PIPES AND FITTINGS

The pipes, which are used in the heating systems, should be resistant to high temperatures. Cross-linked Polyethylene with high temperature resistance and usage easiness has been unique product for heating systems.

Main raw material is Polyethylene. The cross - links are created with chemical and/or physical methods in the material. These links bring the resistance to high temperatures. The number of the fittings used in installation can be very little because of the flexibility of the pipes. This results in more economical and faster installation.

ISITMA SİSTEMLERİ BORU VE EK PARÇALARI

Radyatör ve zemin ısıtma sistemlerinde kullanılan boruların yüksek sıcaklıklara direnç göstermesi gerekir. Çapraz bağlı Polietilen-PEX (Crosslinked Polyethylene) yüksek sıcaklıklara mukavemeti ve aynı anda sağladığı kullanım kolaylığı ile bu sistemlerde rakipsiz bir ürün olmuştur.

Ana hammadde polietilendir. Bu malzeme içinde kimyasal ya da fiziksel yöntemlerle çapraz bağlar oluşturulur. Bu bağlar malzemenin yüksek sıcaklığa mukavemetini sağlar, boruların esnekliği ek parça kullanımını asgariye indirir, montajda hız ve ekonomi sağlar. TS EN ISO 15875-2 'ye uygundur.



PEX PIPE WITH OXYGEN BARRIER OKSİJEN BARIYERLİ PEX BORU

ITEM Kod No	Outside Diameter Boru Çapı(mm)	Wall thickness Et Kalınlığı (mm)	Lenght of coil (m) Kangal Boyu (m)
160100160020	Ø16	2.0	100

PEX PIPE WITH OXYGEN BARRIER (WITH COVER) OKSİJEN BARIYERLİ PEX BORU (KILIFLI)

ITEM Kod No	Outside Diameter Boru Çapı(mm)	Wall thickness Et Kalınlığı (mm)	Lenght of coil (m) Kangal Boyu (m)
16006016 K	Ø16	2.0	100
16006016 M	Ø16	2.0	100

PEX PIPE WITH OXYGEN BARRIER

Produces "PEX Pipe with Barrier" (with EVOH oxygen barrier layer) for a large number of radiant heating applications such as radiant floor heating, radiator systems and for boiler supply.

What is the Purposes and Advantages of PEX Plumbing?

Due to their characteristics, plastic pipes may allow oxygen penetrate into the heating systems. In this case, being exposed to oxygen, the metallic components may corrode over time as these systems include some ferrous (iron-containing) components, to prevent this, a layer of a special polymer, abbreviated EVOH is applied to the external surface of the PEX pipe during the manufacturing process, in order to protect the PEX pipes. As this application prevents the diffusion of oxygen molecules into the system, corrossions are significantly minimized in the installings.

External Layer: EVOH Copolymer layer with perfect oxygen-barrier features.

Mid-layer: The mid-layer which bonds the internal pex pipe with the external oxygen barrier layer.

Internal Layer: Hygienic cross-linked pex pipe with high physical and chemical resistance features.

OKSİJEN BARIYERLİ PEX BORU

Mobil Kalorifer, Kombi Tesisatı ve Yerden Isıtma Sistemlerinde kullanılmak amacı ile Oksijen Bariyerli PEX boruyu da üreterek kullanıma sunmaktadır.

Oksijen bariyeri ne demektir, bu borunun faydası nedir?

Plastik malzemelerin oksijen geçirgenlik özelliklerinden dolayı, ısıtma sistemlerinde suya dışarıdan oksijen girmesi mümkündür, böyle durumlarda zamanla radyatör, kombi, kazan ve tesisatta oksitlenme ve paslanmalar meydana gelir.

Bunu önlemek için pex boruların dış yüzeyleri üretim aşamasında özel bir yöntemle oksijen geçirmezlik özelliği olan parlak EVOH malzeme ile kaplanarak oksijen bariyerli hale getirilir. Böylece tesisattaki suya oksijen geçişi engellenerek, tesisatta paslanma ve oksitlenme görülmez.

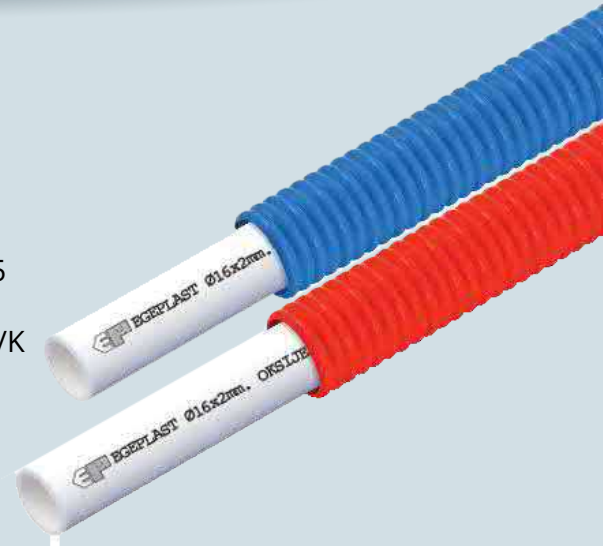
Dış Katman: Mükemmel oksijen bariyeri özelliklerine sahip evoh kopolimer katman.

Orta Katman: Oksijen bariyer katmanı ile içteki pex borunun birbirine yapışmasını sağlayan yapıştırıcı katman

İç Katman: Hijyenik, yüksek fiziksel ve kimyasal dayanım özelliklerine sahip çapraz bağlı pex boru.

TEKNİK ÖZELLİKLER

Dış Çap: 16mm
Et Kalınlığı: 2mm
Yoğunluk: 0.950 g/cm³
Çapraz Bağlanma Şekli: PEX-B
Çapraz Bağlanma Oranı: En az %65
Çalışma Sıcaklığı: -40 °C +95 °C
Lineer Genleşme Katsayısı: 2x10⁻⁴ 1/K
Isı İletkenliği: 0.41 W/MK
Özgül Isı 23 °C'de: 1.9 J/G K
E-Modülü: 600 N/MM²



HEATING SYSTEMS PIPES AND FITTINGS

ITEM CODE Kod No	Outside Diameter Boru Çapı(mm)	Wall Thickness Et Kalınlığı(mm)	Length of Coil(m) Kangal Boyu
16002016	Ø16	1.8	200
160020160020	Ø16	2.0	160
16002017	Ø17*	1.9	100
16002020	Ø20	1.9	100

*The pipes in 17 mm outside diameter are out of standard.

* 17 mm dış çaplı borularımız dış çap yönünden standart kapsamı dışındadır.

PEX PIPES WITH OXYGEN BARRIER
OKSİJEN BARIYERLİ PEX BORU
PEX трубы с Кислородным Барьером
أنايبب مانعه للأوكسجين

ITEM CODE Kod No	Outside Diameter Boru Çapı(mm)	Wall Thickness Et Kalınlığı(mm)	Length of Coil(m) Kangal Boyu
160100160020	Ø16	2.0	100



PEX-B PIPES WITH SPIRAL COVER
KILIFLI PEX-B BORULAR
PEX-b трубы с защитной гафрированной трубой
غلاف أنايبب البيكس

ITEM CODE Kod No	Outside Diameter Boru Çapı(mm)	Wall Thickness Et Kalınlığı(mm)	Length of Coil(m) Kangal Boyu
16005016 M	Ø16	1.8	100
16005016 K	Ø16	1.8	100



SPIRAL COVERS FOR PEX PIPES
PEX BORU KILIFLARI
Защитные гафрированные трубы
أنايبب بكس

ITEM CODE Kod No	Ød1 Ød1	Ød2 Ød2	Color Renk
*24001025M	19	24	Blue (Mavi)
*24001025K	19	24	Red (Kırmızı)
**24001032M	21.5	26	Blue (Mavi)
**24001032K	21.5	26	Red (Kırmızı)

* Outside diameter for 16 and 17 mm Pex pipes

** Outside diameter for 20 mm Pex pipes

* Dış çap 16 ve 17 mm borular için

** Dış çap 20 mm borular için



PEX PIPES WITH OXYGEN BARRIER AND SPIRAL COVER
KILIFLI OKSİJEN BARIYERLİ PEX BORULARI
PEX трубы с Кислородным Барьером и с защитной гафрированной трубой
غلاف أنايبب البيكس

ITEM CODE Kod No	Outside Diameter Boru Çapı(mm)	Wall Thickness Et Kalınlığı(mm)	Length of Coil(m) Kangal Boyu
16006016 K	Ø16		100
16006016 M	Ø16		100



PE-RT BORU VE EK PARÇALARI

PE-RT (Polyethylene of raised temperature resistance) Türkçe tanımı, Sıcaklık Direnci Yükseltilmiş Polietilen'dir. Tip 1 ve Tip 2 olmak üzere 2 tip PE-RT hammadde vardır. Firmamız Tip 2 kodlu hammaddeden üretim yapmaktadır. Tip 2 hammaddenin Tip 1'e göre sıcaklık -basınç dayanımı daha yüksektir. PEX borunun kullanıldığı Mobil Kalorifer, Kombi ve yerden ısıtma sistemlerinde kullanılabilir.

Dış çap 16 x 2 mm kalınlığında PE-RT boru ve Oksijen Bariyerli PE-RT boru olarak üretimi mevcuttur. oksijen bariyeri, PE-RT borunun dış yüzeyi, üretim aşamasında özel yapıştırıcı ile Oksijen Geçirmezlik olan EVOH malzeme ile kaplanarak sağlanmaktadır. Bu borunun kullanımı ile, ısıtma sistemlerinde suya dışarıdan oksijen geçişi engelleyerek, radyatör, kombi, kazan ve tesisatta olası oksitlenme ve paslanmanın önüne geçilmiş olmaktadır.

TS EN ISO 22391-2 standardına uygundur.

Renk; PE-RT boru Turuncu , Oksijen Bariyerli PE-RT boru ise iç katmanı şeffaf dış katman kırmızı renktedir. Birleştirmede PEX boru uygulamasındaki prinç ek parçalar kullanılabilir. Kırmızı ve Mavi renkli spiral kılıflı 100 metre kangal olarak üretilmektedir.

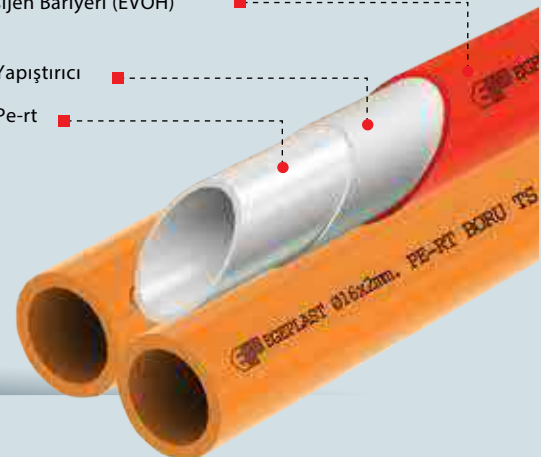
Operating Temperature Çalışma Sıcaklığı (°C)	Service Life İşletme Ömrü (year/yıl)	Operating Pressure Çalışma Basıncı (PN)
70	50	8 Bar
40 - 60 °C Radyatörlerde	50	10 Bar
60 - 80 °C Radyatörlerde	50	8 Bar



Oksijen Bariyeri (EVOH)

Yapıştırıcı

Pe-rt



HEATING SYSTEMS PIPES AND FITTINGS

PE-RT PIPES
PE-RT BORU
PE-RT трубы

ITEM CODE Kod No	Outside Diameter Boru Çapı(mm)	Wall Thickness Et Kalınlığı(mm)	Length of Coil(m) Kangal Boyu
160200160020	Ø16	2.0	100
16020016002016	Ø16	2.0	160



PE-RT PIPES WITH OXYGEN BARRIER
OKSİJEN BARIYERLİ PE-RT BORU

ITEM CODE Kod No	Outside Diameter Boru Çapı(mm)	Wall Thickness Et Kalınlığı(mm)	Length of Coil(m) Kangal Boyu
160300160020	Ø16	2.0	100
16030016002016	Ø16	2.0	160



PE-RT PIPES WITH SPIRAL COVER
KILIFLI PE-RT BORU

ITEM CODE Kod No	Outside Diameter Boru Çapı(mm)	Wall Thickness Et Kalınlığı(mm)	Length of Coil(m) Kangal Boyu
160250160020K	Ø16	2.0	100
160250160020M	Ø16	2.0	100



PE-RT PIPES WITH SPIRAL COVER
KILIFLI PE-RT BORU

ITEM CODE Kod No	Outside Diameter Boru Çapı(mm)	Wall Thickness Et Kalınlığı(mm)	Length of Coil(m) Kangal Boyu
160250160020K	Ø16	2.0	100
160250160020M	Ø16	2.0	100



PEX PIPES WITH OXYGEN BARRIER AND SPIRAL COVER
KILIFLI OKSİJEN BARIYERLİ PE-RT BORU

ITEM CODE Kod No	Outside Diameter Boru Çapı(mm)	Wall Thickness Et Kalınlığı(mm)	Length of Coil(m) Kangal Boyu
160350160020K	Ø16	2.0	100
160350160020M	Ø16	2.0	100

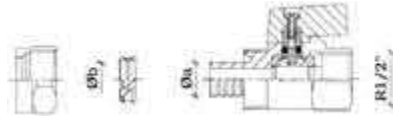


HEATING SYSTEMS PIPES AND FITTINGS

MINI BALL VALVE
EGE MİNİ KÜRESEL VANA
Кран шаровый мини
صمام مدور للبكس



ITEM CODE Kod No	Ød1(mm) Ød1(mm)	Øa(mm) Øa(mm)	Øb(mm) Øb(mm)
16169002	Ø16	12	16.5
16169001	Ø17	13	17.5



MANIFOLD AIRVENT
PURJÖR
Кран сброса воздуха из коллектора
أكرة تنفيس الهواء



ITEM CODE / Kod No 16172001

STRAIGHT NIPPLE DOUBLE
BORU BİRLEŞTİRME RAKORU
Соединение промежуточное
أكرة تنفيس الهواء



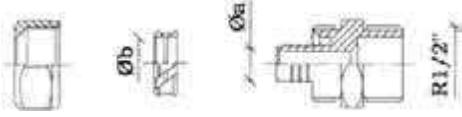
ITEM CODE Kod No	Outside Diameter (mm) Boru Çapı (mm)	Øa (mm) Øa(mm)	Øb (mm) Øb(mm)
16220016	Ø16	12	16.2
16220017	Ø17	13	17.2
16220020	Ø20	16	20.2



HEATING SYSTEMS PIPES AND FITTINGS

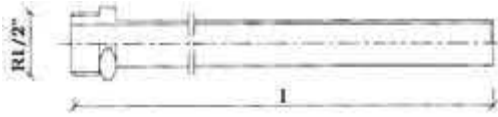
STRAIGHT NIPPLE MALE
EGE RADYATÖR BAĞLANTI NİPELİ
Соединение промежуточное
أكرة بسن مذکر

ITEM CODE Kod No	Outside Diameter (mm) Boru Çapı (mm)	Øa (mm) Øa(mm)	Øb (mm) Øb(mm)
16210016	Ø16	12	16.2
16210017	Ø17	13	17.2
16210020	Ø20	16	20.2



BRASS PIPE
PİRİNÇ BORU
Латунная труба
انبوب نحاس

ITEM CODE Kod No	Outside Diameter (mm) Boru Çapı (mm)	L(mm) L(mm)
16200056	Ø15x1	565

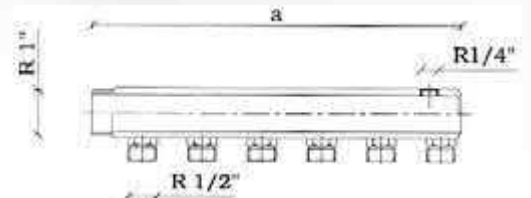


MANIFOLD
PİRİNÇ KOLLEKTÖR
Латунный коллектор
صغافة المياه

ITEM CODE Kod No	Number of Outlet Çıkış Adedi	a(mm) a(mm)
161650170002	2	95
161650170003	3	140
161650170004	4	185
161650170005	5	230
161650170006	6	270
161650170007	7	320
161650170008	8	365
161650170009	9	410
161650170010	10	455
161650170011	11	500
161650170012	12	545

Note: It can be manufactured with more than 12 outlets upon request.

Not: 12'den daha fazla çıkışlı da üretilebilir.



HEATING SYSTEMS PIPES AND FITTINGS

FLOOR HEATING PIPE FIXING RAIL AND CLIPS

EGE ZEMİN ISITMA LAMA VE KLİPSİ

Монтажная пластина и фиксаторы

مربط انابيب ارضي



FIXING RAIL / Lama Code Kod / No 16168

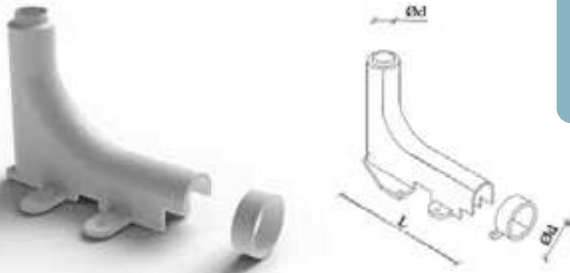
CLIPS / Klips Code Kod / No 16164017

ANGLE PIPE GUIDE

EGE KÖŞE DÖNDÜRÜCÜ AYAK

Угловая направляющая трубы

زاوية انبوب



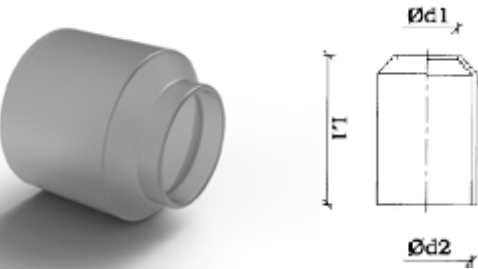
ITEM CODE	Ød(mm)	L(mm)
Kod No	Ød(mm)	L(mm)
16170	Ø17.5	124

TRANSPARENT SEAL

BORU ŞAPKASI

Колпак для PEX трубы

سدة شفافة



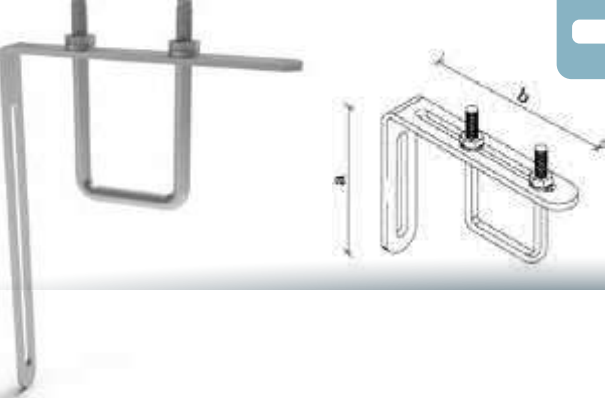
ITEM CODE	Ød1(mm)	Ød2(mm)	L1(mm)
Kod No	Ød1(mm)	Ød2(mm)	L1(mm)
16236016	16.5	26	28
16236017	17.5	26	28

MANIFOLD BRACKET

EGE KOLLEKTÖR KELEPÇESİ

Клипса для коллектора

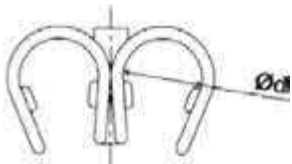
مربط معدني



ITEM CODE	a(mm)	b(mm)
Kod No	a(mm)	b(mm)
16230002	120	93.5
16230001	176	87.5

HEATING SYSTEMS PIPES AND FITTINGS

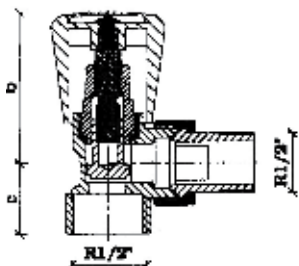
ITEM CODE	Ød(mm)
Kod No	Ød(mm)
16235001	Ø16-17



DOUBLE CLIPS
EGE KILIF İÇ TUTUCU (Çiftli)
фиксатор двойной
مربط ثنائي



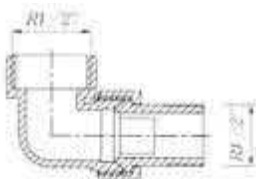
ITEM CODE / Kod No	16240001
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ANGLE VALVE
KÖŞE RADYATÖR VANASI
Радиаторный вентиль прямой
صمام مستقيم



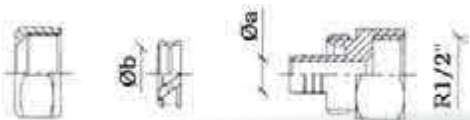
ITEM CODE / Kod No	16245001
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ANGLE FITTING FOR RADIATOR
KÖŞE RADYATÖR RAKORU
Муфта для радиатора угловая
ملحق زاوية للسخان



ITEM CODE	Outside Diameter (mm)	Øa (mm)	Øb (mm)
Kod No	Boru Çapı (mm)	Øa(mm)	Øb(mm)
16169016	Ø16	12	16.2
16169017	Ø17	13	17.2
16169020	Ø20	16	20.2



STRAIGHT NIPPLE FEMALE
EGE RADYATÖR BAĞLANTI NİPELİ
Муфта соединительная для коллектора
أكرة بسن مؤنث



HEATING SYSTEMS PIPES AND FITTINGS

BRASS PIPE SOTTOM CONNECTION
EGE PİRİNÇ BORU ALT BAĞLANTISI

Соединительные элементы для латунной трубы

وصله نحاسي



ITEM CODE	Outside Diameter(mm)	Øa(mm)	Øb(mm)	Øc(mm)
Kod No	Boru Çapı (mm)	Øa(mm)	Øb(mm)	Øc(mm)
16225016	Ø16	12	16.2	15
16225017	Ø17	13	17.2	15
16225020	Ø20	16	20.2	15



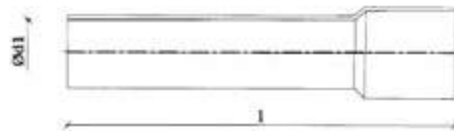
ROSETTE PIPE
ROZET BORUSU

Особая труба для соединения рех труб

انبوب روزيت



ITEM CODE	Ød1(mm)	L1(mm)
Kod No	Ød1(mm)	L1(mm)
16250002 Rosette Pipe	24	150



ROSETTE
ROZET
Розет

روزيت



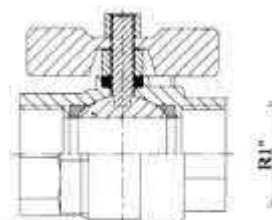
ITEM CODE	Kod No	16250001 Rosette
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1" BALL VALVE WITH HANDLE
1" KOLLEKTÖR KÜRESEL VANA
кран шаровый для коллектора

صمام مدور لتجميع الماء



ITEM CODE	Kod No	16237001
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HEATING SYSTEMS PIPES AND FITTINGS

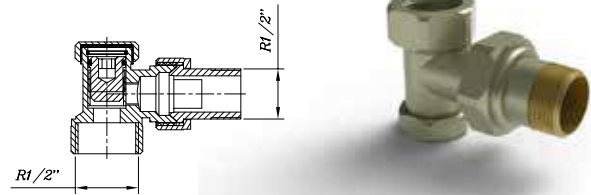
STRAIGHT FITTING
DÜZ RADIATÖR RAKORU
Муфта для радиатора прямая
صمام مستقيم

ITEM CODE / Kod No 16245002



ANGLE LOCKSHIELD VALVE
GERİ DÖNÜŞ VANASI
Запорный клапан угловой
زاوية صمام

ITEM CODE / Kod No 16240003



METAL U PIECE
U PARÇASI
Металлическая деталь U
قطعة معدنية U

ITEM CODE Kod No	a(mm) a(mm)	L1(mm) L1(mm)
16180002	41	70



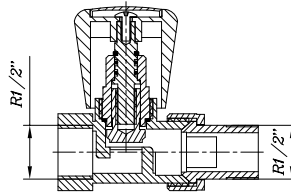
METAL Z PIECE
Z PARÇASI
Металлическая деталь Z
قطعة معدنية Z

ITEM CODE Kod No	a(mm) a(mm)	L1(mm) L1(mm)
16180001	41	57



STRAIGHT VALVE
DÜZ RADIATÖR VANASI
Рadiatorный вентиль угловой
زاوية صمام للسنان

ITEM CODE / Kod No 16240002



COLLECTOR CASE
KOLLEKTÖR DOLABI
Шкаф для коллектора
آلة التجميع

ITEM CODE Kod No	a(mm) a(mm)	b(mm) b(mm)	h(mm) h(mm)
16171001 (Small (5-8) küçük)	300	130	650
16171003 (Middle) orta	450	130	650
16171002 (Big 9-12) büyük	600	130	650



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SPIRAL WELDED STEEL PIPES

PRODUCT SPECIFICATIONS



Annual Reproduction	460,000 tons
Pipe Length	6 m 20 m (Standard and special production up to 50 m)
Outside Diameter	219.1 3.048.0 mm
Wall thickness	4.0 25.4mm
Raw materials	Hot rolled coil sheet
Welding Process	Internal and external continuous submerged arc welding (SAW)
Material Quality	API 5L 2013 (45th Edition) GrB X80 EN 1002504 S235 JR S355 K2

PRODUCTION STANDARDS



QUALITY CONTROL



100% reliability of the product is ensured in our factory for production and shipment.

Quality Conducted in Accordance with API 5L Specification Our Control Activities:

Input Quality Control

- Eye and Measurement Control
- Casting Analysis
- Product
- Analysis Tensile Test and Chemical Analysis

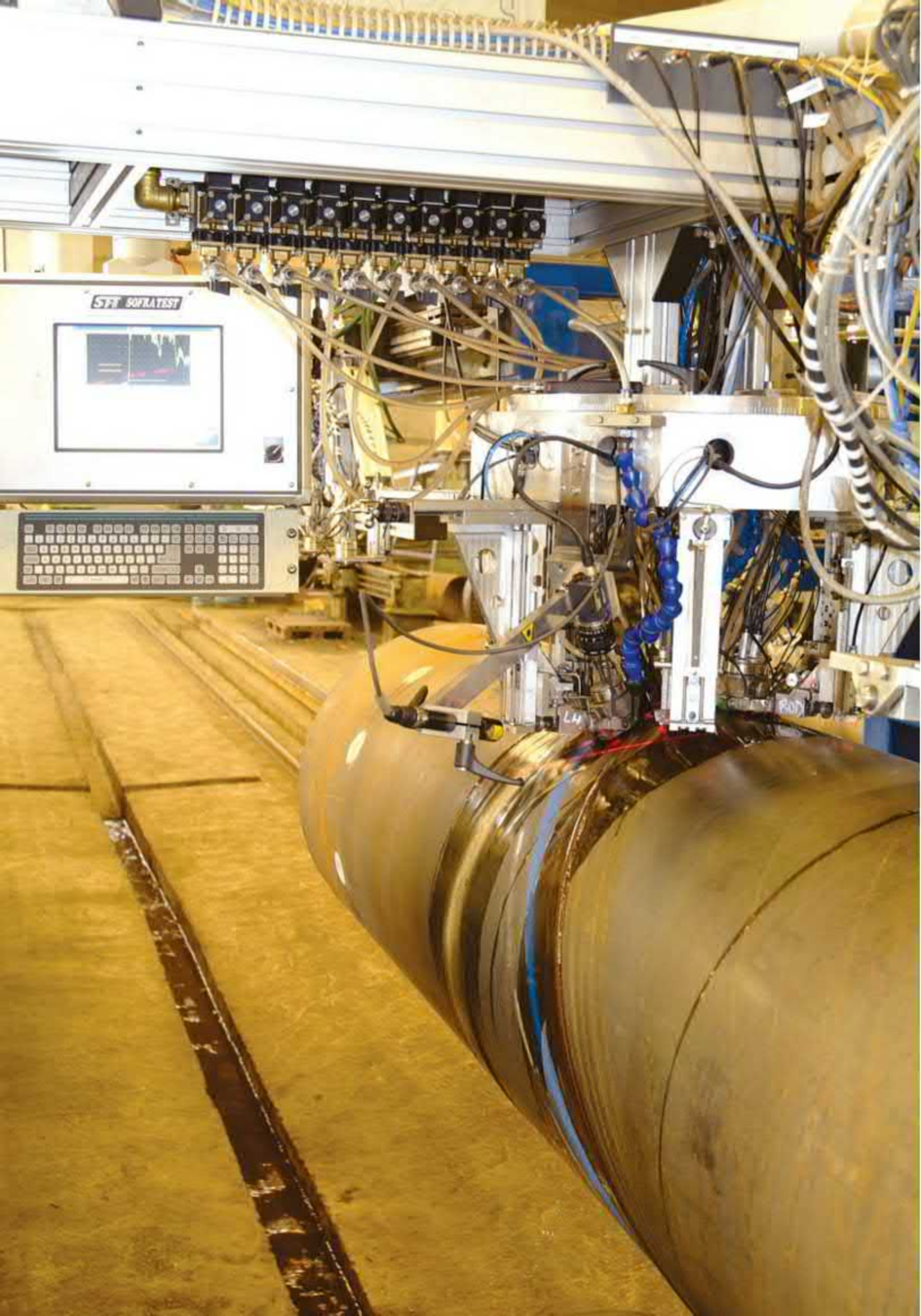
Process Quality Control

- Eye and Measurement Control
- Hydroshock Test
- Tensile Test
- Welded Tensile Test

- Product Analysis
- Guided Bending Test,
- Steel Impact Test
- Weight Drop Test
- Non-Destructive Testing
- OnLine Ultrasonic Examination
- OffLine Ultrasonic Inspection
- Radiographic Examination/Fluoroscopic Peak
- Magnetic Particle / Liquid Penetrant Examination
- CTOD Test

Final Quality Control

- Eye and Measurement Control
- Surface Comparison
- Surface Roughness
- Coating Thickness Test
- Porosity Test
- Peeling Test
- Coup Test
- Elongation Test
- Sinking Test
- Hardness Test
- Cathodic Peeling Test
- Marking and Final Inspection



QUALITY MANAGEMENT

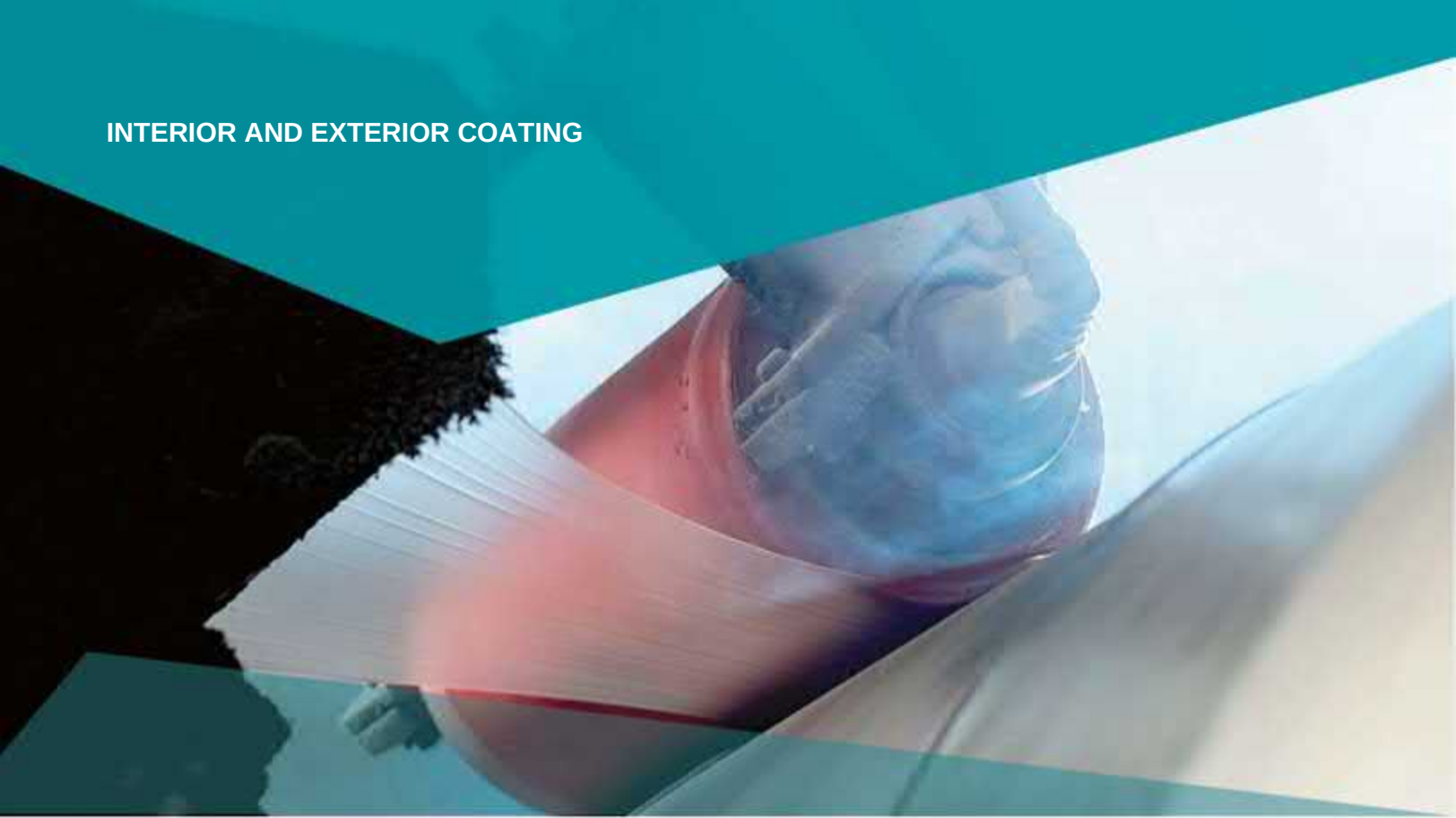


Our company aims to continuously improve process quality within the framework of the basic principle of customer focus;

- At every stage of production
 - Continuity in product quality is ensured by using qualified materials, •
- Developing standard requirements are realized in the shortest time and at the highest level by complying with legal obligations, • Employees, subcontractors and By meeting the training needs of suppliers, human resources are supported,
- In order to prevent work accidents and occupational diseases, hazards are eliminated at source, • The environmental impacts of our activities are prevented by respecting the environment,
- System performance is ensured throughout the are evaluated and improved in stages.



INTERIOR AND EXTERIOR COATING



Coating Standards

External Polyelene Coating	• AWWA C 215 DIN 30670 TS 5139 NF A 49710	InsideOutside CoalTar Enamel Coating	• AWWA C 203 BS 4164
External Polypropylene Coating	• AWWA C 215 DIN 30678 NF A 49711	InteriorExterior Epoxy Paint Coating	• AWWA C 210 TS EN 10289 NF A 49709
Interior Concrete Coating	• AWWA C 205 DIN 2614 TS 8590 EN 10298	InteriorExterior Polyurethane Coating	• EN 10290

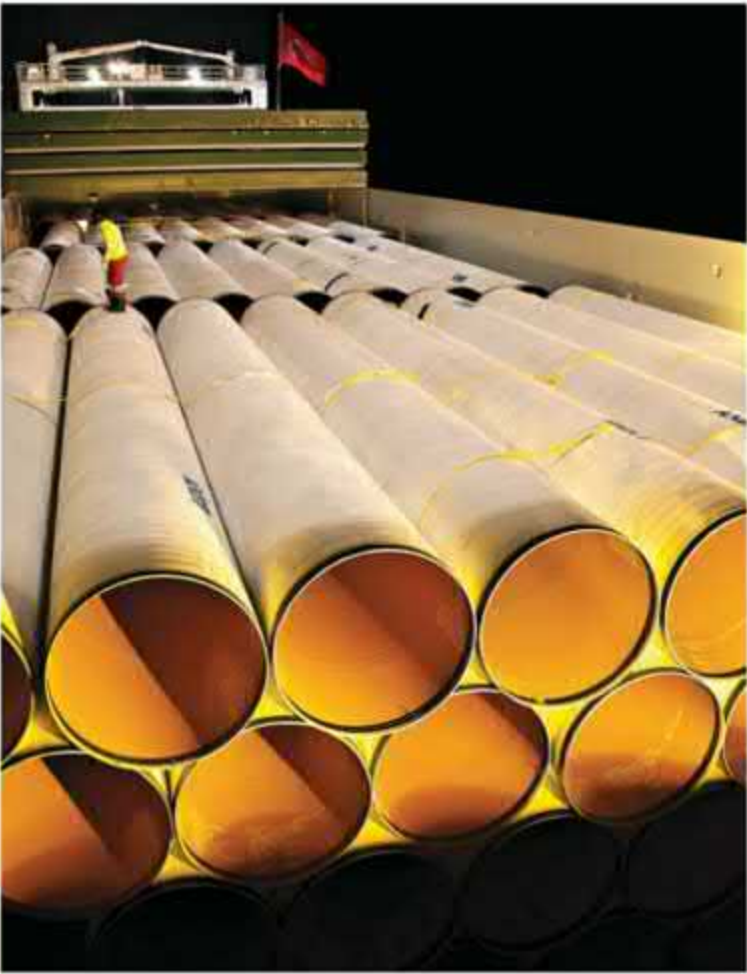




TRANSPORT



After the production stages are completed in our factory, the products The process of delivering to our customers begins. Land, sea and railway options are used in the transportation of products. Before transportation, the loading of pipes into containers, wagons and ship holds is carried out under the supervision of Final Product Quality Control Teams and using appropriate equipment. Our products leave our factory insured against any damage that may occur during the transportation process.



AREAS OF USE OF STEEL PIPES



- Oil Pipelines
- Natural Gas Pipelines
- Water Distribution Lines
- Foundation Piles
- Industrial Pipe Networks
- Steel Structures
- Refineries
- Special Purpose Uses



INTERNATIONAL DRINKING WATER AND PILE PIPES REFERENCE LIST

Country	Pipe Eba (mm x mm)	Amount (metre)	Amount (ton)	Year
Algeria Plateau El Esnam Water Pipeline Project HYDROAMENAGEMENT	Ø 1219.2 x 11.0	3,060	1,003	2015
	Ø 711.2 x 7.1	4,410	544	
	Ø 609.6 x 6.3	16,950	1,589	
France Water Pipeline Project	Ø 1048 x 8.8	14,000	3,157	2015
Austria Water Pipeline Project	Ø 1016 x 17.0	2,400	1,005	2015
Iceland Water Pipeline Project	Ø 711.2 x 8.8	696	106	2015
	Ø 609.6 x 11.0	3,828	622	
South Africa Water Pipeline Project	Ø 711.2 x 6.0	10,880	11,135	2014
	Ø 1320.8 x 12.0	620	240	
Congo Piling Pipe Project	Ø 1828.8 x 19.84	5,674	5,022	2014
Equatorial Guinea Piling Pipe Project	Ø 1200.0 x 10.0	686	204	2013
Serbia Water Pipeline Project	Ø 1016.0 x 8.0	4,284	852	2013
	Ø 914.4 x 10.0	4,179	932	
	Ø 711.2 x 7.1	3,086	381	
Azerbaijan Water Pipeline Project HYDROPARK	Ø 1219.2 x 14.0	2,956	1,230	2013
Angola Piling Pipe Project	Ø 914.4 x 20.0	4,018	1,773	2013
Algeria Plateau El Esnam Water Pipeline Project ENT	Ø 1270.0 x 8.0	1,577	393	2013
	Ø 1117.6 x 7.0	8,824	1,692	
	Ø 1016.0 x 6.3	74	12	
Serbia Water Pipeline Project	Ø 711.2 x 7.1	6,756	833	2013
	Ø 711.2 x 9.0	3,792	591	
	Ø 711.2 x 9.0	3,792	591	
Holland Piling Pipe Project		3,912	1,800	2012
Azerbaijan Water Pipeline Project		24,000	1,850	2012
France Piling Pipe Project	Ø 2043.0 x 15.0	1,293	971	2012
	Ø 813.0 x 12.5	978.96	242	
Azerbaijan Water Pipeline Project HYDROPARK	Ø 1828.8	7,432	3,430	2012
Equatorial Guinea Piling Pipe Project	Ø 1200.0 & 1300.0	2,574	795	2012
Algeria Oud AthmaniaAin Kercha Water Pipe Ha Project ANBT	Ø 2438.4 x 12.7	4,594	3,490	2012
	Ø 2235.2 x 11.9	3,320	2,166	
	Ø 2438.4 x 12.7	10,784	8,193	
	Ø 2438.4 x 12.7	10,700	8,129	

Country	Pipe Eba (mm x mm)	Amount (metre)	Amount (ton)	Year
Azerbaijan Water Pipeline Project HYDROPARK	Ø 1625.6 x 14.0	10,000	5,564	2012
Algeria	Ø 1422.4 x 11.0	17,685	6,771	2011
BoussiabaBeni Haroun Water Pipeline Project	Ø 1625.6 x 12.5	12,175	6,054	
ANBT	Ø 2032.0 x 16.0	291	231	
Syria Water Pipeline Project		2,574	807	2011
Colombia Piling Pipe Project		1,500	900	2011
Algeria		43,000	32,000	2009
Ighil EmdaMahouane Water Pipe Ha Project	Ø 1828.8 x 14.5	4,000	2,600	
ANBT	Ø 711.2 x 8.8	19,630	3,000	
	Ø 711.2 x 7.1	7,956	1,000	
Portugal Water Pipeline Project	Ø 1219.2 x 10.0	4,069	1,215	2009
Saudi Arabia Shuqaiq Water Pipeline Project SWCC		16,763	2,250	2009
Algeria Water Pipeline Project ANBT	Ø 1219.2 x 14.0	2,500	1,040	2009
Algeria Water Pipeline Project ANBT	Ø 1219.2 x 14.0	1,900	791	2009
Jordan Water Pipeline Project FEMALE		92,881	61,087	2009
Italy Water Pipeline Project	Ø 711.2 x 7.5	6,000	781	2008
Peru Piling Pipe Project	Ø 914.4 x 18.0	1,190	474	2008
Azerbaijan Water Pipeline Project	Ø 2032.0 x 18.0	8,190	7.321	2008
Azerbaijan Water Pipeline Project	Ø 2032.0 x 14.0	7,000	4,877	2008
Turkmenistan Water Pipeline Project		2,305	655	2008
Nigeria	Ø 762.0 x 14.3	6,895	1,820	2007
Piling Pipe Project	Ø 914.4 x 15.0	5,000	1,665	
Reunion Island	Ø 762.0 x 12.0	36	113	2006
Piling Pipe Project	Ø 762.0 x 11.2	1,537	493	
France	Ø 914.4 x 11.1	2,730	675	2004
Water Pipeline Project	Ø 863.6 x 11.1	2,730	675	
Sweetcorn Water Pipeline Project	Ø 524.0 x 12.0	10,000	1,515	2004

OIL AND NATURAL GAS PIPE PRODUCTION



Standard		Material Quality	Diameter	Wall Thickness	Project Details
API 5L PSL2	X70 PSL2	56 inches	10.45 mm (141.899 meters)	Trans Anatolian Natural Gas Pipeline Project (TANAP) Türkiye Project Date: 2015 2016	
		56 inches	16.67 mm (34.492 meters)		
		48 inches	19.45 mm (300 meters)		
		48 inches	16.67 mm (228 meters)		
API 5L PSL2	X65 PSL2	24 inches	9.53 mm (30,000 meters) 12.7 mm (5,000 meters)	SONATRACH Hassi Messaoud Natural Gas Pipeline Project ALGERIA Date of Completion: October 2015	
API 5L PSL2	X52 PSL2	16 inches	7.10 mm (12,750 meters)	GAMA Power Systems Engineering and Contracting Inc. Kýrykkare Natural Gas Pipeline Project Completion Date: October 2014	
API 5L PSL2	X52 PSL2	16 inches	10.3 mm (15,500 meters)	CAMEG Natural Gas Pipeline Project ALGERIA Date of Completion: August 2013	
ISO 3183 PSL2	X60 PSL2	20 inches	14.3 mm (7,500 meters)		
EN 102082	X70 PSL2	32 inches	10.0 mm (10,000 meters)	OTF Natural Gas Pipeline Project HUNGARY Date of Completion: May 2013	
API 5L PSL2	X65 PSL2	36 inches	14.3 mm (8.275 meters)	BOTAý Suggestions Keýan (Gelibolu) Natural Gas Pipeline Project, Esenyurt Ambarlý Natural Gas Pipeline Project Date of Completion: October 2012	
ISO 3183 PSL2			15.9 mm (5,589.5 meters)		
			20.6 mm (3.455 meters)		
API 5L PSL2	X65 PSL2	40 inches	11.90 mm (30.346 meters)	BOTAS Diyarbakir Bismil Batman Natural Gas Pipeline Project Date of Completion: May 2010	
ISO 3183 PSL2		16 inches	14.30 mm (3.315 meters)		
			6.40 mm (20.832 meters) 7.1 mm (971 meters)		
API 5L PSL2	X60 PSL2	36 inches	24.40 mm (350 meters)	SONATRACH Natural Gas Pipeline Project ALGERIA Date of Completion: September 2009	
API 5L PSL2	X65 PSL2	36 inches	11.12 mm (24,500 meters)	BOTAý Bozüyük Seçköy Natural Gas Pipeline Project Date of Completion: January 2008	
ISO 3183 PSL2			14.30 mm (24.380 meters)		
API 5L PSL2	X65 PSL2	40 inches	11.90 mm (101.772 meters)	BOTAS Adıyaman ý.Urfa Elazýý – Diyarbakýr Natural Gas Pipeline Project (Phase 3) Date of Completion: July 2007	
ISO 3183 PSL2			14.30 mm (1.034 meters)		
			17.50 mm (519 meters)		



Standard		Material Quality	Diameter	Wall Thickness	Project Details
API 5L PSL2 ISO 3183 PSL2	X65 PSL2	42 inches	12.70 mm (45.817 meters)	BOTAS Azerbaijan Türkiye Natural Gas Pipeline Project (Shah Deniz Project) (Phase 1) Completion Date: December 2006	
API 5L PSL2 ISO 3183 PSL2	X60 PSL2	30 inches	9.52 mm (79,500 meters) 11.12 mm (900 meters) 14.27 mm (3,150 meters) 17.47 mm (31,500 meters)	Tabriz Natural Gas Pipeline Project NIGC Buttress IRAN Date of Completion: July 2006	
API 5L PSL2 ISO 3183 PSL2	X65 PSL2	18 inches	5.6 mm (55.776 meters) 6.4 mm (18.273 meters) 7.9 mm (727 meters)	BOTAS Eastern Black Sea Natural Gas Pipeline Project (Phase 2) Date of Completion: November 2006	
API 5L PSL2 ISO 3183 PSL2	X60 PSL2	24 inches	7.92 mm (136,000 meters) 9.52 mm (3,000 meters) 11.12 mm (12,000 meters) 14.3 mm (4,000 meters)	Via NIGC Central Stores Sahlan Orumiyeh Natural Gas Pipeline Project IRANIAN Date of Commencement: 2005	
API 5L PSL2 ISO 3183 PSL2	X65 PSL2	40 inches 24 inches	11.90 mm (183,250 meters) 7.1 mm (42,050 meters)	BOTAS Malatya Gaziantep Natural Gas Pipeline Project Date of Commencement: 2003	
API 5L PSL2 ISO 3183 PSL2	X52 PSL2	20 inches	7.9 mm (1.004 meters)	SONATRACH Haoud El Hamra Arzew Natural Gas Pipeline Project ALGERIA Date of Commencement: 2003	
API 5L PSL2 ISO 3183 PSL2	X52 PSL2	24 inches	8.7 mm (30,000 meters)	EGO (INDET TURKERLER) Ankara Natural Gas Pipeline Project Date of Commencement: 2003	
API 5L PSL2 ISO 3183 PSL2	X65 PSL2 X65 PSL2 X52 PSL2 X52 PSL2 X52 PSL2 X52 PSL2	36 inches 36 inches 32 inches 28 inches 24 inches 12 inches	11.1 mm (18,000 meters) 14.3 mm (4,000 meters) 11.9 mm (8,000 meters) 10.3 mm (7,000 meters) 8.7 mm (21,000 meters) 5.2mm (500 meters)	EGO (INDET TURKERLER) Ankara Natural Gas Pipeline Project Date of Completion: 2002	
API 5L PSL2 ISO 3183 PSL2	Grade B API 5L PSL2 Grade B API 5L PSL2	20 inches 24 inches	7.14 mm (2,800 meters) 7.92 mm (1,250 meters)	IGDAS Istanbul Natural Gas Pipeline Project Date of Commencement: 2001	





A BETTER WORLD
WE ARE WORKING FOR
INFRASTRUCTURE

PRODUCTION RANGE

Nominal
diameter Outer
diameter Thickness

Anma Çapı		Dış Çap		Et Kalınlığı		0.160	0.192	0.250	0.281	0.315	0.344	0.394	0.492	0.559	0.625	0.688	0.787	0.868	0.984
in	mm	mm	in	mm		4.0	5.0	6.3	7.1	8.0	8.8	10.0	12.7	14.2	16.0	17.5	20.0	22.0	25.0

12	300	323.9	0.219	5.6															
14	350	355.6	0.250	5.6															
16	400	406.4	0.250	6.3															
18	450	457.2	0.250	6.3															
20	500	508.0	0.250	6.3															
22	550	558.8	0.250	6.3															
24	600	609.6	0.250	6.3															
26	650	660.4	0.281	7.1															
28	700	711.2	0.281	7.1															
30	750	762.0	0.312	8.0															
32	800	812.8	0.312	8.0															
36	900	914.4	0.394	10.0															
40	1000	1016.0	0.394	10.0															
44	1100	1117.6	0.394	10.0															
48	1200	1219.2	0.492	12.5															
52	1300	1320.8	0.492	12.5															
56	1400	1422.4	0.492	12.5															
60	1500	1524.0	0.559	14.5															
64	1600	1625.6	0.559	14.2															
68	1700	1725.2	0.559	14.2															
72	1800	1828.8	0.592	14.2															
80	2000	2032.0	0.625	16.0															
88	2200	2235.2	0.625	16.0															
100	2500	2540.0	0.688	17.5															
120	300	3048.0	0.787	20.0															

API 5L X80M PSL2



CALCULATIONS RELATED TO PIPE PRODUCTION

1. Weight Calculation of Pipes:

- W : 0.02466 (Dt) x t. (kg/m)
- D : Pipe Outer Diameter (mm)
- t : Pipe Wall Thickness (mm)
- W : Pipe Unit Weight (kg/m)

2. Hydrostack Test Pressure:

The hydrostatic test pressure is found by a calculation method that includes a stress lower than the yield stress of the steel.

- P : Hydrostack Test Pressure (bar)
- k : Percentage of Yield Stress Entered into Calculation : Determined Minimum Yield Stress (MPa)
- t : Pipe Wall Thickness (mm)
- D : Outer Diameter of Pipe (mm)

$$P = \frac{20 \times k \times S \times t}{D}$$

According to API 5L;
Grade A: k=0.60
Grade B: k=0.60
X42 X80: k= 0.60 Outer Diameter < 5 9/16 in
k=0.75 Outer Diameter 6 5/8 5/8 in
k=0.85 Outer Diameter 10 3/4 18 in
k=0.90 Outer Diameter > 20 in

3. Unit Surface Area:

- A=D x π x 103(m2/m)
- A : Unit Surface Area (m2/m)
- D : Pipe Outer Diameter (mm)

4. Manufacturing Helix Angle:

- $$\cos \gamma = \frac{B}{\pi D}$$
- B : Band Width (mm)
- D : Pipe Outer Diameter (mm)

5. Manufacturing Time of 1m Pipe:

- $$T = 1 / (\cos \gamma \times V)$$
- T : Manufacturing time (min.)
- γ : Manufacturing Helix Angle
- V : Welding Speed (m/min.)







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