

STEEL FLANGE GROUP

STEEL FLAT FLANGE



Production Diameter Range: 20 - 2000 mm
Usage Areas : Steel Pipe and Fittings
Valve Connections

BLIND FLANGE



Production Diameter Range: 20 - 2000 mm
Usage Areas : Steel Pipe and Fittings
HDPE Pipe and Fittings
Valve Connections

STAINLESS STEEL FLANGE



Production Diameter Range : 15 - 2000 mm
Usage Areas : Stainless Pipe and Fittings
Steel Pipe and Fittings
HDPE Pipe and Fittings
Valve Connections

HDPE COMPATIBLE STEEL



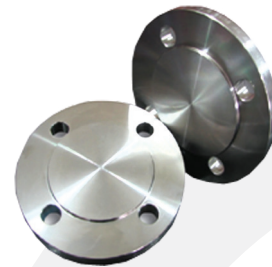
Production Diameter Range :20 - 2000 mm
Usage Areas : Steel Pipe and Fittings
HDPE Pipe and Fittings
Valve Connections

WELDING NECK FLANGE



Production Diameter Range :20 - 710 mm
Usage Areas : Steel Pipe and Fittings
HDPE Pipe and Fittings
Valve Connections

STAINLESS BLIND FLANGE



Production Diameter Range : 15 - 2000 mm
Usage Areas : Stainless Pipe and Fittings
Steel Pipe and Fittings
HDPE Pipe and Fittings
Valve Connections

STEEL ADDITIONAL PARTS GRUB

CARBON STEEL FITTINGS



PATENT STEEL REDUCING



PATENT 45° - 90° ELBOW



STEEL FLANGE



PATENT



BOLT-NUT-STAMPS



GEAR STEEL ELBOW



PATENT GEAR STEEL ELBOW



NIPPLE



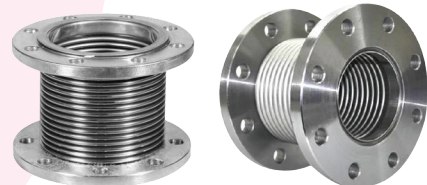
GEAR PIPE PARTS



RODS



COMPENSATORS



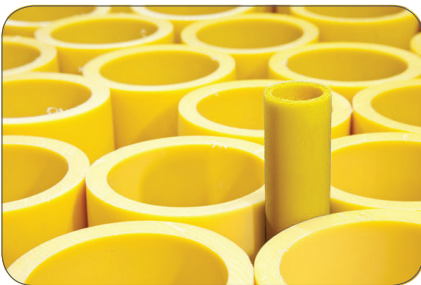
HDPE PIPES

HDPE 100 PIPE



Production Diameter Range : 20 mm - 1000 mm
 Pressure Range : PN 4 - PN 32
 Usage Area : Drinking Water, Irrigation Lines
 Treatment Plants,
 Gas Lines
 Fire Hydrant Lines
 Compressed Air Lines
 Ponds and Dams
 All kinds of liquid and gas flows

HDPE 80 NATURAL GAS PIPES



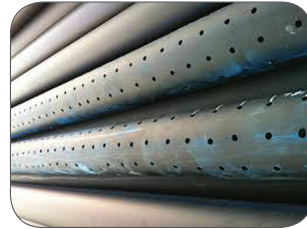
Production Diameter Range : 20 mm - 1000 mm
 Pressure Range : PN 25- PN 32
 Usage Area : Pressurized Discharge Lines
 Natural Gas Lines

HDPE 100 KANGAL PIPE



Production Diameter Range : 20 mm - 110 mm
 Pressure Range : PN 4 - PN 16
 Usage Area : Drinking Water, Irrigation Lines
 Treatment Plants,
 Gas Lines
 Fire Hydrant Lines
 Compressed Air Lines
 Ponds and Dams
 All kinds of liquid and gas flows

HDPE DRAINAGE (perforated) PIPE



Production Diameter Range: 100 mm - 1600 mm
 Pressure Range : PN 4 - PN 32
 Usage Areas : Discharge Lines
 Water and Sludge Separation Lines,
 Gas - Water Separation Lines,
 Solid Waste Separation Lines
 Drilling Lines

HDPE FITTINGS(INJECTION)

HDPE REDUCTION (INJECTION)



Production Diameter Range : 32-20mm - 560-500 mm
Pressure Range : PN 10- PN 16

HDPE BLIND STOPPER (INJECTION)



Production Diameter Range : 20mm - 315mm
Pressure Range : PN 10- PN 16

HDPE ELBOW 90° (INJECTION)



Production Diameter Range : 20mm - 315mm
Pressure Range : PN 10- PN 16

HDPE EQUAL T (INJECTION)



Production Diameter Range : 20mm - 315mm
Pressure Range : PN 10- PN 16

HDPE INEGAL T (INJECTION)



Production Diameter Range : 32-20mm - 315-280mm
Pressure Range : PN 10- PN 16

HDPE FLANGE ADAPTER (INJECTION)



Production Diameter Range : 20mm - 630mm
Pressure Range : PN 10- PN 16

HDPE ELBOW 45° (INJECTION)



Production Diameter Range : 20mm - 315mm
Pressure Range : PN 10- PN 16

PE STEEL TRANSITION PARTS WELDED



Production Diameter Range : 20mm - 710mm
Pressure Range : PN 10- PN 16



HDPE FITTINGS (APPAREL)

HDPE EQUAL T (APPAREL)



Production Diameter Range : 110mm - 1600 mm
Pressure Range : PN 4- PN 32

HDPE ELBOW 90°(APPAREL)



Production Diameter Range : 110mm - 1600 mm
Pressure Range : PN 4- PN 32

HDPE INEGAL TE (APPAREL))



Production Diameter Range : 110-90mm - 1000-900 mm
Pressure Range : PN 4- PN 32

HDPE BETON GEÇİŞ PARÇASI



Production Diameter Range : 63mm - 1400 mm
Pressure Range : PN 4- PN 32

HDPE ELBOW 45° (APPAREL)



Production Diameter Range : 110mm - 1600 mm
Pressure Range : PN 4- PN 32

HDPE REDUCTION (APPAREL)



Production Diameter Range : 560-400mm - 1000-900mm
Pressure Range : PN 4- PN 32

HDPE İSTAVROZ T



Production Diameter Range : 110-63mm - 500-400 mm
Pressure Range : PN 4- PN 32

HDPE Y TYPE FORK(APPAREL)



Production Diameter Range : 110mm - 630 mm
Pressure Range : PN 4- PN 32



HDPE FITTINGS (ELECTROFUSION)

HDPE EF MANSION



Production Diameter Range : 20mm - 1600 mm
Pressure Range : PN 10- PN 16

HDPE ELBOW 90°



Production Diameter Range : 20mm - 160 mm
Pressure Range : PN 10- PN 16

HDPE EF INEGAL T



Production Diameter Range : 20mm - 160 mm
Pressure Range : PN 10- PN 16

HDPE EF BLIND STOPPER



Production Diameter Range : 20mm - 160 mm
Pressure Range : PN 10- PN 16

HDPE ELBOW 45°



Production Diameter Range : 20mm - 160 mm
Pressure Range : PN 10- PN 16

HDPE EF EQUAL T



Production Diameter Range : 20mm - 160 mm
Pressure Range : PN 10- PN 16

HDPE EF REDUCTION



Production Diameter Range : 20mm - 160 mm
Pressure Range : PN 10- PN 16

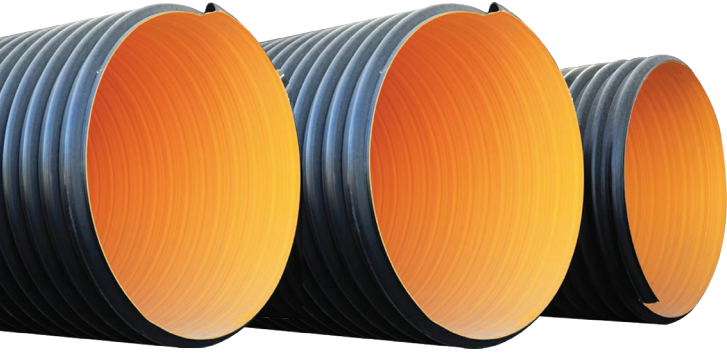
HDPE EF VALVELESS SERVICE T



Production Diameter Range : 20mm - 1000mm
Pressure Range : PN 10- PN 16
It is also produced as valve.

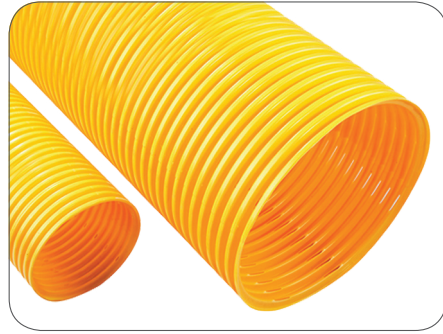
CORRUGATED PIPE

CORRUGATED PIPE



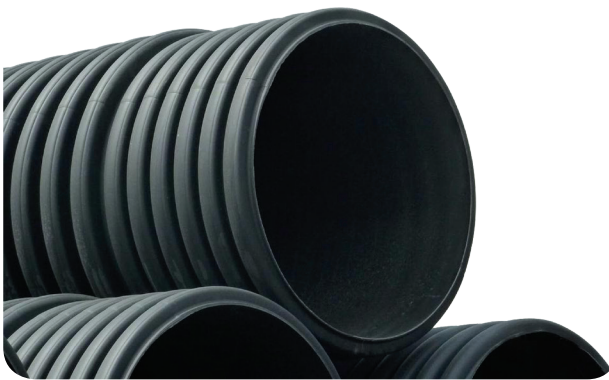
Production Diameter Range : 100 mm - 1000 mm
 Pressure Range : SN 4 - SN 8
 Usage Area : Wastewater
 Sewage
 Attractive Lines
 Rain Water

CORRUGATED DRAINAGE PIPE



Production Diameter Range : 100 mm - 200mm
 Pressure Range : SN 4
 Usage Area : Agricultural areas
 Mud Breeding Procedures
 Stadiums
 Building Foundations

CORRUGATED SPIRAL PIPE



Production Diameter Range : 600 mm - 2000 mm
 Pressure Range : SN 4 - SN 8
 Usage Area : Wastewater
 Sewage
 Attractive Lines
 Rain Water

CORRUGATED TELECOMMIC PIPES



Production Diameter range : 32 mm - 115 mm
 Pressure Range : Non-Pressure
 Usage Area : Telecom Pipes
 Electric Pipes
 Fiberoptic Cables
 Cable Enclosure

CORRUGATED FITTINGS

CORRUGATED MANSION



Production Diameter Range: 50 mm - 500 mm
Pressure Range : SN 4 - SN 8

CORRUGATED REDUCTION



Production Diameter Range: 150 mm - 500 mm
Pressure Range : SN 4 - SN 8

CORRUGATED EQUAL T



Üretim Çap Aralığı : 100 MM - 500 mm
Basınç Aralığı : SN 4 - SN 8

CORRUGATED C PARTS



Production Diameter Range: 100-150 mm - 500-300 mm
Pressure Range : SN 4 - SN 8

CORRUGATED ELBOW 45°



Production Diameter Range: 100 mm - 500 mm
Pressure Range : SN 4 - SN 8

CORRUGATED ELBOW 90°



Production Diameter Range: 100 mm - 500 mm
Pressure Range : SN 4 - SN 8

CORRUGATED BLIND STOPPER



Production Diameter Range: 100 mm - 500 mm
Pressure Range : SN 4 - SN 8

CORRUGATED GASKET



Production Diameter Range: 150 mm - 2000 mm
Pressure Range : SN 4 - SN 8

ÖN İZOLASYONLU BORU VE EK PARÇALAR

PRE-INSULATED ELBOW 90°



Production Diameter Range: 20 mm - 600 mm
Meat thickness: 1.5 mm - 10 mm

PRE-INSULATED ELBOW 45°



Production Diameter Range: 20 mm - 600 mm
Meat thickness: 1.5 mm - 10 mm



Production Diameter Range: 20 mm - 600 mm
Meat thickness: 1.5 mm - 10 mm

PRE-INSULATED EQUAL T



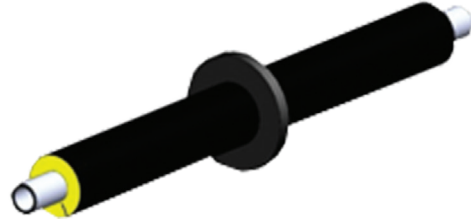
Production Diameter Range: 20 mm - 600 mm
Meat thickness: 1.5 mm - 10 mm

PRE-INSULATED PARALLEL T



Production Diameter Range: 20 mm - 600 mm
Meat thickness: 1.5 mm - 10 mm

PRE-INSULATED CONSTANT SUPPORT



Production Diameter Range: 20 mm - 600 mm
Meat thickness: 1.5 mm - 10 mm

PRE-INSULATED BRANCHING SEPARATOR



Production Diameter Range: 20 mm - 600 mm
Meat thickness: 1.5 mm - 10 mm

OUTDOOR GEAR COUPLING



Production Diameter Range: 20 mm - 600 mm
Meat thickness: 1.5 mm - 10 mm

PRE-INSULATED STEEL PIPE



Production Diameter Range: 20 mm - 600 mm
Meat Thickness : 1 mm - 10 mm
Usage Area : Thermae
All kinds of liquid and gas fluids
Cold and Hot Transfer Lines

PRE-INSULATED PPRC PIPES



Production Diameter Range: 20 mm - 110 mm
Pressure Range : PN10 - PN25
Usage Area : Thermae
All kinds of liquid and gas fluids
Cold and Hot Transfer Lines

COUPLING FITTINGS

COUPLING EXTERNAL GEAR



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING SLEEVE



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING EQUAL T



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING INTERNAL GEAR ELBOW



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING ELBOW



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING INTERNAL GEAR



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING BLIND STOPPER



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING İNEGAL T



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING EXTERNAL GEAR ELBOW



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING INTERNAL GEART



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

COUPLING FITTINGS

COUPLING EXTERNAL GEAR T



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

SOCKET NECKLACE



Production Diameter Range: 25 mm - 1/2" 200 mm-4"
Pressure Range: PN 10 - PN 16

PRICE NECKLACE DOUBLE OUTPUT



Production Diameter Range: 32 mm - 1/2" / 90 mm - 1"
Pressure Range: PN 10 - PN 16

VALVE BOX



Production Diameter Range: 3/4" - 16"

COUPLING REDUCTION



Production Diameter Range: 20 mm - 110 mm
Pressure Range: PN 10 - PN 16

SOCKET NECKLACE LINEAR



Production Diameter Range: 32 mm - 1/2" / 90 mm - 1"
Pressure Range: PN 10 - PN 16

VALVE BOX



Production Diameter Range: 3/4" - 16"

VALVE BOX



Production Diameter Range: 3/4" - 16"

VALVE AND HYDRANT'S

LONG TYPE SLIDING VALVE



Production Diameter Range: 50 mm - 500 mm
Pressure Range: PN10 - PN16

FLANGE BUTTERFLY VALVE



Production Diameter Range: 100 mm - 1600 mm
Pressure Range: PN10 - PN16

SWING CHECK VALVE



Production Diameter Range: 50 mm - 400 mm
Pressure Range: PN10 - PN16

WATER TYPE SWING CHECK VALVE



Production Diameter Range: 32 mm - 400 mm
Pressure Range: PN10 - PN16

METAL BELLOWS COMPENSATOR



Production Diameter Range: 25mm - 600 mm
Pressure Range: PN10 - PN16

SHORT TYPE SLIDING VALVE



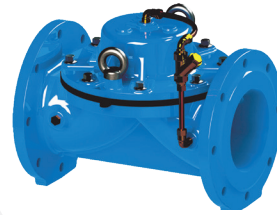
Production Diameter Range: 50mm - 500 mm
Pressure Range: PN10 - PN16

DEMONTAJ PARTS



Production Diameter Range: 100mm - 1600 mm
Pressure Range: PN10 - PN16

HYDRAULIC VALVE(CEKVALF)



Production Diameter Range: 50mm - 250 mm
Pressure Range: PN10 - PN16

PRESSURE REDUCING VALVE



Production Diameter Range: 80mm - 400 mm
Pressure Range: PN4- PN32

RUBBER COMPENSATOR



Production Diameter Range: 25mm - 600 mm
Pressure Range: PN10 - PN16

VALVE AND HYDRANT'S

MINI BALL VALVE



Production Diameter Range: 1/2" - 5"
Pressure Range: PN10 - PN16

BALL WATER VALVE



Production Diameter Range: 1/2" - 5"
Pressure Range: PN10 - PN16

CASTING FITTINGS



Production Diameter Range: 1/2" - 10"
Pressure Range: PN10 - PN16

UNDERGROUND FIRE HYDRAN

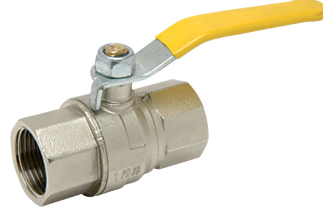


Production Diameter Range: 80-100
Pressure Range: PN16

SURFACE BOX

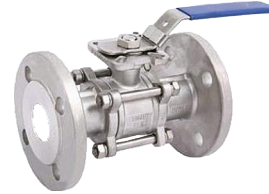


BALL NATURAL GAS VALVE



Production Diameter Range: 1/2" - 5"
Pressure Range: PN10 - PN16

FLANGED BALL VALVE



Production Diameter Range: 1/2" - 10"
Pressure Range: PN10 - PN16

HYDRID ELBOW



Production Diameter Range: 80-100 mm
Pressure Range: PN10 - PN16

FIRE HYDRID



Production Diameter Range: 80-100 mm
Pressure Range: PN16

MACHINES

BUTT WELDING MACHINE



POLİTEN BUTT WELDING MACHINE BODY FEATURE

Four centering of the tube with clamps as desired model makes, provides trouble-free welding and provides the user with the desired printing and pulling force while the pipe welding operation is performed with the manual mechanism system on it.

WELDING MACHINE PIPES DIAMETERS

40 - 160	DN 40 - 50 - 63 - 75 - 90 - 110 - 125 - 140 - 160
75 - 250	DN 75 - 90 - 110 - 125 - 140 - 160 - 180 - 200 - 225 - 250
90 - 135	DN 90 - 110 - 125 - 140 - 160 - 180 - 200 - 225 - 250 - 280 - 315
180 - 500	DN 180 - 200 - 225 - 250 - 280 - 315 - 355 - 400 - 450 - 500
315 - 630	DN 315 - 355 - 400 - 450 - 500 - 630
500 - 800	DN 500 - 630 - 710 - 800
710 - 1200	DN 710 - 800 - 900 - 1000 - 1200

WELDING HEATER SYSTEM AND GENERATOR SELECTION

40 - 160 MAKİNA 230V INPUT ve 1.500 W It performs heating by resistance heating power..220V
 75 - 250 MAKİNA 230V INPUT ve 3.000 W It performs heating by resistance heating power..220V
 90 - 315 MAKİNA 230V INPUT ve 3.500 W It performs heating by resistance heating power..220V
 180 - 500 MAKİNA 230V INPUT ve 6.000 W It performs heating by resistance heating power..380V
 315 - 630 MAKİNA 380V INPUT ve 8.5000W It performs heating by resistance heating power..380V
 500 - 800 MAKİNA 380V INPUT ve 10.000W It performs heating by resistance heating power..380V
 710 - 1200 MAKİNA 380V INPUT ve 8.5000W It performs heating by resistance heating power..380V

TECHNICAL SPECIFICATIONS

Produced according to ISO 9001-2008 quality norms
 It conforms to international standards.
 It provides perfect centering with sequential clamp feature.
 It is used for the welding of HDPE and PP pipe.
 All parts manufacturing is done and there is no shortage of spare parts.
 Sale with repair

MACHINES

EF WELDING MACHINE



TECHNICAL SPECIFICATIONS

Welding machine's screen is LCD and system control is done with digital technology. Electro Fusion Welding machine to monitor all sources of values can be entered manually or automatically. Electro Fusion Welding machine has protection against all kinds of voltage changes. Electro Fusion Welding Machine 500 records information storage capacity for 10 years. The communication port of the electrofusion welding machine is RS232. Electrofusion Welding machine makes all records according to Windows 2000 / XP / ME base.

TECHNICAL INFORMATION

Input Power	Ana frekans 45 - 65HZ
Voltage	170 - 270V
Output Power	Güç 3KW
Voltage	AC 48V
Working Temperature	-15 +50



HDPE 100 Polietilen Boru Ağırlık Tablosu

PN		PN 4		PN 5		PN 6		PN 8		PN 10		PN 12,5		PN 16		PN 20		PN 25		PN 32		
DİŞ ÇAP	SDR 41	SDR 33		SDR 26		SDR 21		SDR 17		SDR 13,6		SDR 11		SDR 9		SDR 7,4		SDR 6		S(mm)	Kg/m	
		S(mm)	Kg/m	S(mm)	Kg/m	S(mm)	Kg/m	S(mm)	Kg/m	S(mm)	Kg/m	S(mm)	Kg/m	S(mm)	Kg/m	S(mm)	Kg/m	S(mm)	Kg/m			
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	2,3	0,643	2,8	0,791	3,5	0,978	4,3	1,16	5,4	1,53	6,7	1,77	8,2	2,12	10,1	2,54	12,3	3,00	15,0	3,51	-	-
110	2,7	0,943	3,4	1,17	4,2	1,43	5,3	1,74	6,6	2,27	8,1	2,62	10,0	3,14	12,3	3,78	15,1	4,49	18,3	5,24	-	-
125	3,1	1,23	3,9	1,51	4,8	1,84	6,0	2,20	7,4	2,76	9,2	3,37	11,4	4,08	14,0	4,87	17,1	5,77	20,8	6,75	-	-
140	3,5	1,54	4,3	1,88	5,4	2,32	6,7	2,80	8,3	3,46	10,3	4,22	12,7	5,08	15,7	6,11	19,2	7,25	23,3	8,47	-	-
160	4,0	2,00	4,9	2,42	6,2	3,04	7,7	3,68	9,5	4,52	11,8	5,50	14,6	6,67	17,9	7,96	21,9	9,44	26,6	11,00	-	-
180	4,4	2,49	5,5	3,07	6,9	3,79	8,6	4,63	10,7	5,71	13,3	6,98	16,4	8,42	20,1	10,10	24,6	11,90	29,9	14,00	-	-
200	4,9	3,05	6,2	3,84	7,7	4,69	9,6	5,73	11,9	7,05	14,7	8,56	18,2	10,40	22,4	12,40	27,4	14,80	33,2	17,20	-	-
225	5,5	3,86	6,9	4,77	8,6	5,89	10,8	7,26	13,4	8,93	16,6	10,90	20,5	13,10	25,2	15,80	30,8	18,60	37,4	21,80	-	-
250	6,2	4,83	7,7	5,92	9,6	7,30	11,9	8,90	14,8	11,00	18,4	13,40	22,7	16,20	27,9	19,40	34,2	23,00	41,5	27,00	-	-
280	6,9	5,98	8,6	7,40	10,7	9,10	13,4	11,22	16,6	13,70	20,6	16,80	25,4	20,30	31,3	24,30	38,3	28,90	46,5	33,80	-	-
315	7,7	7,52	9,7	9,37	12,1	11,60	15,0	14,13	18,7	17,40	23,2	21,20	28,6	25,60	35,2	30,80	43,1	36,50	52,3	42,70	-	-
355	8,7	9,55	10,9	11,80	13,6	14,60	16,9	17,94	21,1	22,10	26,1	26,90	32,2	32,50	39,7	39,10	48,5	46,30	59,0	54,30	-	-
400	9,8	12,1	12,3	15,10	15,3	18,60	19,1	22,84	23,7	28,00	29,4	34,10	36,3	41,30	44,7	49,60	54,7	58,80	66,5	68,9	-	-
450	11,0	15,3	13,8	19,00	17,2	23,50	21,5	28,90	26,7	35,40	33,1	43,20	40,9	52,30	50,3	62,70	61,5	74,40	-	-	-	-
500	12,3	19,0	15,3	23,40	19,1	28,90	23,9	35,70	29,7	43,80	36,8	53,30	45,4	64,50	55,8	77,30	-	-	-	-	-	-
560	13,7	23,6	17,2	29,40	21,4	36,20	26,7	44,70	33,2	54,80	41,2	66,90	50,8	80,80	62,5	97,00	-	-	-	-	-	-
630	15,4	29,9	19,3	37,10	24,1	45,90	30,0	56,50	37,4	69,40	46,3	84,60	57,2	102	70,3	125	-	-	-	-	-	-
710	17,4	38,0	21,8	47,20	27,2	58,40	33,9	72,00	42,1	88	52,2	107	79,3	160	-	-	-	-	-	-	-	-
800	19,6	48,1	24,5	59,70	30,6	73,90	38,1	91,20	47,4	112	58,8	136	89,3	202	-	-	-	-	-	-	-	-
900	22,0	60,9	27,6	75,60	34,4	93,40	42,9	115,0	53,3	141	66,1	173	81,7	210	-	-	-	-	-	-	-	-
1000	24,5	75,2	30,6	93,10	38,2	115	47,7	143	59,3	175	73,4	211	90,8	259	-	-	-	-	-	-	-	-
1200	29,4	108	36,7	134	45,9	166	57,2	205	71,1	262	88,2	304	109,1	375	-	-	-	-	-	-	-	-
1400	34,3	147	42,9	183	53,5	226	66,7	279	83,0	345	102,9	423	-	-	-	-	-	-	-	-	-	-
1600	39,2	192	49	238	61,2	295	76,2	365	94,8	453	117,5	552	-	-	-	-	-	-	-	-	-	-
1800	44,0	246	55,1	306	68,8	379	85,8	467	106,6	573	-	-	-	-	-	-	-	-	-	-	-	-
2000	48,9	303	61,2	378	76,4	467	95,3	577	118,4	707	-	-	-	-	-	-	-	-	-	-	-	-
2100	51,2	333	63,6	412	80,8	519	100,0	635	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2250	55	385	68,9	478	86	592	107,2	724	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2500	61,2	475	76,5	584	95,6	730	119,1	900	-	-	-	-	-	-	-	-	-	-	-	-	-	-

R7.10.01.2013

Özel Sipariş (TS EN 12201-2 kapsamında değildir.)