

INSTALLATION PIPES

Areas of Use

For the transmission of water and other types of liquid material.

Production Range

- Outer Diameter 21.3 mm - 323.9 mm
- Wall thickness 2 mm - 12 mm
- Length Standard pipe length is 6 m. It can be delivered in lengths between 4 and 14.0 m on special orders.

Tolerances

- Wall Thickness - 12.5% + 10% (Varies according to standards.)
- Weight $\pm 10\%$ (It changes according to the standard in one length of pipe.)
 $\pm 7.5\%$ (It varies according to the standard in one length pipe.)
- Length ± 50 mm (Depends on the standard.)
- Curvature 1 mm/m

All pipes used in drinking and utility water, hot water, heating, air conditioning, fire extinguishing and air installations are subjected to non-destructive examinations with Eddy Current (eddy currents) test and 50 bar hydrostatic tightness test.

Production Standards

- Pipe Production Standards

TS 301/ 1-2-3-4, TS 1997, TS 416, EN 10255, TS RN 10217-1.
DIN 2440-2441, DIN 1626,
ISO 65, BS 1387, ASTM A-53, NFA 49-145, UNI 8863

● Galvanizing Standard

TS 914, TS EN 10240, EN ISO 1461 (BS 729),
ASTM A-53, NFA 49-700, UNI 5745

- Threading Standards (1/2" - 6")

TS 301, DIN 2999, BS 21, NFA 03-004, ISO 7/1, ANSI B.1.20.1

- Grooving (3/4" - 12")

MATERIAL QUALITY Material Quality

DIN 17100 / DIN 1626 : St 33, St 37

EN 10025 : S 195, S 235 JR, S 235 J0, S 235 J2

ASTM A 53 : Gr A , Gr B

SI 4314 (ASTM A 795) : Gr A , Gr B

EN 10217-1 (TS EN 10217-1) : P 195 TR1/TR2, P 235 T1/TR2, P 265 TR1/TR2

EN 10217-2 (TS EN 10217-2) : P 195 GH / P235 GH / P 265 GH / 16 Mo 3

EN 10255 : S 195 T

SI 103 : S 332, S 414

BS 4360 : 40 A, 43 A

SI 530 : 530 A, 530 B, 530/42

EN 10224 : L235,L275,L355

Sınıfı	Anma Çapı		Dış Çap		Kalınlıklar	Boru Ağırlığı	
			Max.	Min.		Düz Uçlu	Dışlı Manşonlu
	inch	DN	mm	mm	mm	kg/m	kg/m
Light-1 Hafif	3/8	10	17.4	16.7	2.0	0.742	0.748
	1/2	15	21.7	21.0	2.3	1.08	1.09
	3/4	20	27.1	26.4	2.3	1.39	1.40
	1	25	34.0	33.2	2.9	2.20	2.22
	1 1/4	32	42.7	41.9	2.9	2.82	2.85
	1 1/2	40	48.6	47.8	2.9	3.24	3.28
	2	50	60.7	59.6	3.2	4.49	4.56
	2 1/2	65	76.3	75.2	3.2	5.73	5.85
	3	80	89.4	87.9	3.6	7.55	7.72
	4	100	114.9	113.0	4.0	10.8	11.1
Light-2 Hafif-2	3/8	10	17.1	16.7	1.8	0.670	0.676
	1/2	15	21.4	21.0	2.0	0.947	0.956
	3/4	20	26.9	26.4	2.3	1.38	1.39
	1	25	33.8	33.2	2.6	1.98	2.00
	1 1/4	32	42.5	41.9	2.6	2.54	2.57
	1 1/2	40	48.4	47.8	2.9	3.23	3.27
	2	50	60.2	59.6	2.9	4.08	4.15
	2 1/2	65	76.0	75.2	3.2	5.71	5.83
	3	80	88.7	87.9	3.2	6.72	6.89
	4	100	113.9	113.0	3.6	9.75	10.0
Medium Orta	3/8	10	17.5	16.7	2.3	0.839	0.845
	1/2	15	21.8	21.0	2.6	1.21	1.22
	3/4	20	27.3	26.5	2.6	1.56	1.57
	1	25	34.2	33.3	3.2	2.41	2.43
	1 1/4	32	42.9	42.0	3.2	3.10	3.13
	1 1/2	40	48.8	47.9	3.2	3.56	3.60
	2	50	60.8	59.7	3.6	5.03	5.10
	2 1/2	65	76.6	75.3	3.6	6.42	6.54
	3	80	89.5	88.0	4.0	8.36	8.53
	4	100	115.0	113.1	4.5	12.2	12.5
Heavy Ağır	3/8	10	17.5	16.7	2.9	1.02	1.03
	1/2	15	21.8	21.0	3.2	1.44	1.45
	3/4	20	27.3	26.5	3.2	1.87	1.88
	1	25	34.2	33.3	4.0	2.93	2.95
	1 1/4	32	42.9	42.0	4.0	3.79	3.82
	1 1/2	40	48.8	47.9	4.0	4.37	4.41
	2	50	60.8	59.7	4.5	6.19	6.26
	2 1/2	65	76.6	75.3	4.5	7.93	8.05
	3	80	89.5	88.0	5.0	10.3	10.5
	4	100	115.0	113.1	5.4	14.5	14.8
5	125	140.8	138.5	5.4	17.9	18.4	
6	150	166.5	163.9	5.4	21.3	21.9	