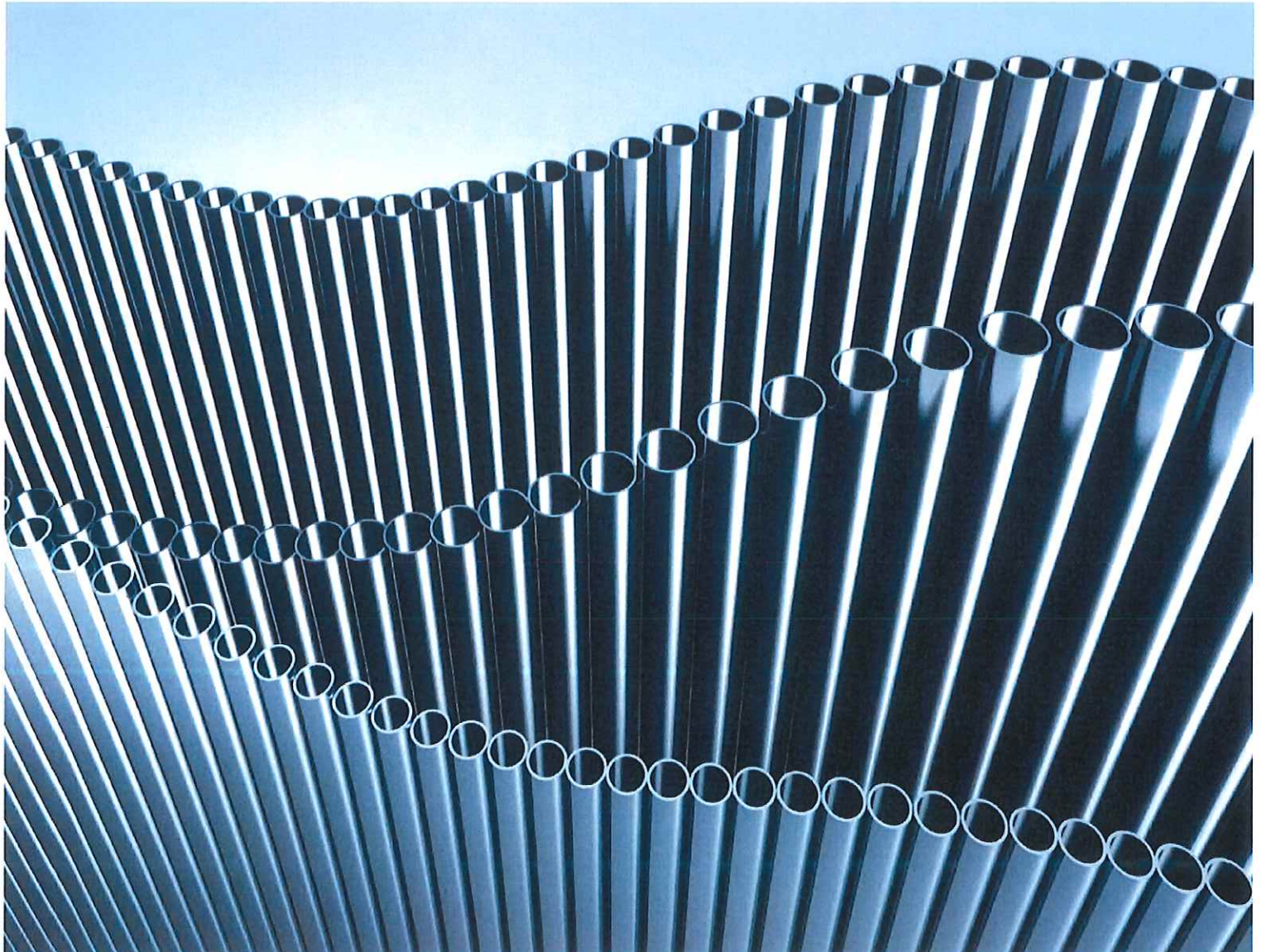


WATER PIPES



2. Water Pipes

Application Area: Water and Gas Installations,
Non-corrosive Gases and Chemicals, and Compressed Air Installations

Production Standards

EN 10255	EN 10217-1	ISO 65
ASTM A53	ASTM A795	GOST 10705

Material Quality

EN 10255	S195, S235, S275, S355
ASTM A 53	Gr A, Gr B
ASTM A 795	Gr A, Gr B
EN 10217-1	P195, P235, P265

Galvanizing Standards

EN ISO 1461	ASTM A53
EN 10240	

Threading Standards

EN 10226	ISO 7-1
ANSI B1.20.1	BS 21

Mill Test Certificates

EN 10204 2.2, 3.1, 3.2

Finishing Operations

- Plain End (Square Cut or Bevelled)
- Threaded and Coupled
- Bell & Spigot
- Roll Grooved
- Swaged

Surface Protection

- Protective Oil
- Hot Dip Galvanizing
- 3 Layer of Polyethylene Coating
- 3 Layer of Polypropylene Coating
- Water Based Painting
- Epoxy Coating

Pipe Lengths

- min. 5 m - max. 13 m



Dimensions and Weight

Medium Series

M

DN	OD		OD Tolerances		Wall Thickness (mm)	Plain End (kg/m)	Threaded & Coupled (kg/m)
	(mm)	(inch)	Max. (mm)	Min. (mm)			
10	17.2	3/8	17.5	16.7	2.30	0.839	0.845
15	21.3	1/2	21.8	21.0	2.60	1.21	1.22
20	26.9	3/4	27.3	26.5	2.60	1.56	1.57
25	33.7	1	34.2	33.3	3.20	2.41	2.43
32	42.4	1 1/4	42.9	42.0	3.20	3.10	3.13
40	48.3	1 1/2	48.8	47.9	3.20	3.56	3.60
50	60.3	2	60.8	59.7	3.60	5.03	5.10
65	76.1	2 1/2	76.6	75.3	3.60	6.42	6.54
80	88.9	3	89.5	88.0	4.00	8.36	8.53
100	114.3	4	115.0	113.1	4.50	12.2	12.5
125	139.7	5	140.8	138.5	5.00	16.6	17.1
150	165.1	6	166.5	163.9	5.00	19.8	20.4

Wall Thickness (mm)	Galvanized* Plain End (kg/m)	Galvanized* Threaded & Coupled (kg/m)
2.30	0.880	0.892
2.60	1.27	1.28
2.60	1.63	1.64
3.20	2.50	2.52
3.20	3.21	3.24
3.20	3.69	3.73
3.60	5.19	5.26
3.60	6.63	6.75
4.00	8.60	8.67
4.50	12.5	12.8
5.00	16.9	17.4
5.00	20.2	20.8

Heavy Series

H

DN	OD		OD Tolerances		Wall Thickness (mm)	Plain End (kg/m)	Threaded & Coupled (kg/m)
	(mm)	(inch)	Max. (mm)	Min. (mm)			
10	17.2	3/8	17.5	16.7	2.9	1.02	1.03
15	21.3	1/2	21.8	21.0	3.2	1.44	1.45
20	26.9	3/4	27.3	26.5	3.2	1.87	1.88
25	33.7	1	34.2	33.3	4.0	2.93	2.95
32	42.4	1 1/4	42.9	42.0	4.0	3.79	3.82
40	48.3	1 1/2	48.8	47.9	4.0	4.37	4.41
50	60.3	2	60.8	59.7	4.5	6.19	6.26
65	76.1	2 1/2	76.6	75.3	4.5	7.93	8.05
80	88.9	3	89.5	88.0	5.0	10.3	10.5
100	114.3	4	115.0	113.1	5.4	14.5	14.8
125	139.7	5	140.8	138.5	5.4	17.9	18.4
150	165.1	6	166.5	163.9	5.4	21.3	21.9

Wall Thickness (mm)	Galvanized* Plain End (kg/m)	Galvanized* Threaded & Coupled (kg/m)
2.9	1.06	1.07
3.2	1.50	1.51
3.2	1.97	1.98
4.0	3.06	3.08
4.0	3.96	3.99
4.0	4.56	4.60
4.5	6.33	6.40
4.5	8.10	8.23
5.0	10.34	10.55
5.4	14.55	14.85
5.4	18.18	18.68
5.4	21.65	22.25

* Çayirova Boru actual weights.

