

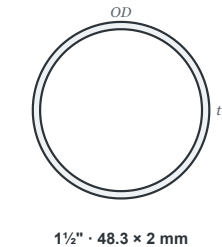
Galvanized Steel Pipe (GI Pipe)

OMEGA STEEL CO.

Istanbul · Dilovası plant

Hot-dip galvanized ERW steel pipe (GI pipe) ½" to 8" nominal bore, wall 2–4.5 mm, made in our Dilovası mill to EN 10255 medium and heavy series and ASTM A53, zinc coated inside and out per EN 10240 A1, threaded BSPT with socket or plain end, 6 m lengths, for water, gas, fire-fighting, fencing, scaffolding and structures.

- ½" – 8"
- EN 10255 M / H · A53
- Zinc EN 10240 A1 ≥ 55 µm
- Threaded + socket
- Own mill · Dilovası



GI pipe for water, fire-fighting, fencing and scaffold, made and galvanized in Turkey: ½" to 8" (21.3–219.1 mm), wall 2.0–4.5 mm, EN 10255 medium (class B) and heavy (class C) series or ASTM A53 Grade B, hot-dip zinc inside and outside to EN 10240 A1 (min. 55 µm), threaded BSPT and socketed or plain end, hydro-tested, 6 m bars with thread protectors.

SIZE CHART — OD, WALL AND WEIGHT

NPS	OD (mm)	Wall (mm)	kg/m	kg per 6 m
½"	21.3	2	0.95	5.71
¾"	26.9	2	1.23	7.37
¾"	26.9	2.5	1.5	9.02
¾"	26.9	3	1.77	10.61
1"	33.7	2	1.56	9.38
1"	33.7	2.5	1.92	11.54
1"	33.7	3	2.27	13.63
1¼"	42.4	2	1.99	11.96
1¼"	42.4	2.5	2.46	14.76
1¼"	42.4	3	2.92	17.49
1½"	48.3	2	2.28	13.7
1½"	48.3	2.5	2.82	16.94
1½"	48.3	3	3.35	20.11
2"	60.3	2	2.88	17.25

First 14 of 21 rows — the full table is on the product page.

EN 10255 M/H and EN 10219 dimensions; zinc per EN 10240 A1 (min. 55 µm); threaded and socketed or plain end.

MEDIUM AND HEAVY SERIES (CLASS B AND C)

NPS	OD (mm)	Medium wall (mm)	Heavy wall (mm)	Medium kg/m	Heavy kg/m	Test pressure
½"	21.3	2.6	3.2	1.21	1.44	50 bar
¾"	26.9	2.6	3.2	1.56	1.87	50 bar
1"	33.7	3.2	4.0	2.41	2.93	50 bar
1¼"	42.4	3.2	4.0	3.10	3.79	50 bar
1½"	48.3	3.2	4.0	3.56	4.37	50 bar
2"	60.3	3.6	4.5	5.03	6.19	50 bar
2½"	76.1	3.6	4.5	6.42	7.93	50 bar
3"	88.9	4.0	5.0	8.36	10.30	50 bar
4"	114.3	4.5	5.4	12.20	14.50	50 bar
5"	139.7	4.5	5.4	15.00	17.90	50 bar
6"	165.1	4.5	5.4	17.80	21.30	50 bar

Nominal masses for bare pipe per EN 10255; galvanized adds ~3–4%.

GI PIPE VS BLACK (MS) PIPE VS STAINLESS

	GI (galvanized)	MS (black)	Stainless 304
Corrosion protection	Zinc 55–80 µm, 20–40 yr fresh water	None; paint or varnish	Inherent, 50+ yr
Use	Water, fire, fences, scaffold, conduit	Structures, low-pressure air, painted lines	Food, chemical, hot water, visible

	GI (galvanized)	MS (black)	Stainless 304
Joints	Threaded, grooved, welded	Welded, threaded	Welded, press-fit
Price per ton	1.20–1.30	1.00	4.5–5.5
Weight	Same as MS + 3–4%	—	Thinner walls, lighter

STANDARDS

EN 10255 (medium / heavy series) · EN 10240 A1 (hot-dip zinc coating of tubes) · ASTM A53 Grade B Type E · ASTM A123 / A53 zinc coating · EN 10226-1 (BSPT threads) · BS 1387 (legacy, Class B/C)