Mirror Stainless Steel Tube

OMEGA STEEL CO.
Istanbul · Dilovası plant

Mirror tube is stainless tube buffed to a reflective No. 8 (600 grit / 8K) surface — the finish of hotel and retail interiors, luxury railings, signage, display and furniture, and the base for PVD gold, rose-gold and black tube. We stock round Ø 12–101.6 mm and square 12–80 mm in 304 mirror, the handrail sizes in 316, and supply PVD-coloured tube to order; every tube is film-protected and crated because a mirror finish cannot be repaired on site.

No. 8 · 600 grit · 8K | Round · square | 304 · 316 | PVD gold / rose / black | Film + crate

A mirror tube is bought for the reflection and pays for it in handling: it arrives in film, it is cut through the film, and it goes on the wall before the film comes off. For lobbies, boutiques and signage nothing else gives the same shine.

WEIGHT TABLE — ROUND MIRROR TUBE (KG/M AND PER 6 M)

OD (mm)	Wall (mm)	kg/m	kg per 6 m
20	1	0.473	2.84
20	1.2	0.562	3.37
20	1.5	0.691	4.15
20	2	0.897	5.38
20	2.5	1.09	6.54
20	3	1.271	7.63
21.3	1	0.506	3.04
21.3	1.2	0.601	3.61
21.3	1.5	0.74	4.44
21.3	2	0.962	5.77
21.3	2.5	1.171	7.03
21.3	3	1.368	8.21
22	1	0.523	3.14
22	1.2	0.622	3.73

First 14 of 156 rows — the full table is on the product page.

Welded EN 10217-7 / ASTM A554 (ornamental) and A312 (pressure); density 7.93 kg/dm³; 6 m lengths.

WEIGHT TABLE — SQUARE MIRROR TUBE

Size (mm)	Wall (mm)	kg/m	kg per 6 m
12 × 12	1	0.358	2.15
15 × 10	1	0.37	2.22
15 × 10	1.2	0.44	2.64
15 × 10	1.5	0.54	3.24
15 × 15	1	0.453	2.72
15 × 15	1.2	0.538	3.23
15 × 15	1.5	0.661	3.97
16 × 16	1	0.485	2.91
16 × 16	1.2	0.576	3.46
16 × 16	1.5	0.709	4.25
19 × 19	1	0.567	3.4
19 × 19	1.2	0.675	4.05
19 × 19	1.5	0.832	4.99
19 × 19	2	1.09	6.54

First 14 of 357 rows — the full table is on the product page.

EN 10219 / ASTM A554; mill, 180/240 grit satin or mirror finish.

GRADES, STANDARDS AND TOLERANCES

Grade / standard	Yield (MPa)	Note
1.4301 / 304 mirror	≥ 210	interiors — the stock grade
1.4401 / 316 mirror	≥ 220	coastal, spa, exterior signage

Grade / standard	Yield (MPa)	Note
1.4016 / 430 mirror	≥ 260	dry indoor decoration, cheaper, to order
PVD-coated 304 / 316	as base	gold, rose-gold, champagne, bronze, black

PVD coatings are 0.3–0.5 µm ceramic layers (TiN, ZrN, TiCN) — colour-fast indoors for decades, scratch-resistant, not suitable for abrasive cleaning.

FINISH AND COLOUR OPTIONS

Finish	Designation	Ra (µm)	Look	Use	Lead time
Mirror	No. 8 / 2P / 8K	≤ 0.05	true reflection	lobbies, retail, lifts, signage	stock
Super mirror	No. 8+ / 12K	≤ 0.03	distortion-free	art, luxury retail	3–4 weeks
PVD gold	TiN on mirror	≤ 0.05	bright gold	hotels, boutiques, mosques	2–4 weeks
PVD rose gold / champagne	ZrN / TiCN	≤ 0.05	warm metallic	residential, hospitality	2–4 weeks
PVD black / bronze	TiCN / TiAlN	≤ 0.05	dark mirror	contemporary interiors	2–4 weeks
PVD on satin	TiN on No. 4	0.3–0.5	brushed gold / black	railings, furniture	2–4 weeks

PVD colour matches within a batch; order all pieces of one project together. Not for chlorinated or abrasive cleaning.

STANDARDS

EN 10296-2 / ASTM A554 — ornamental tube · EN 10088-2 finish 2P (bright polished); ASTM No. 8 · PVD coating: TiN / TiCN / ZrN (gold, rose, black) · EN 10204 3.1