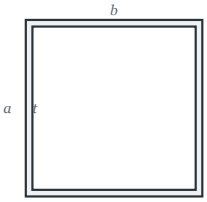
Stainless Steel Square Tube

OMEGA STEEL CO.
Istanbul · Dilovası plant

Welded stainless steel square (SHS) and rectangular (RHS) tube and profiles in 304 / 304L and 316 / 316L to ASTM A554 (ornamental) and EN 10219 / EN 10296-2 (structural), 12×12 to 200×100 mm, wall 1.0–6.0 mm, 6 m lengths, mill, 180/240-grit satin, hairline or mirror polished with PE film, from stock in Dilovası; for handrails and balustrades, furniture, kitchen and hospital equipment, shopfitting, façade frames and structural frames.

304 · 316L | 12×12 – 200×100 mm | Wall 1.0 – 6.0 mm | Satin 180/240 · hairline · mirror | A554 · EN 10219



40 × 40 × 1.5 mm

Stainless square and rectangular tube for handrails, furniture, shopfitting and frames: 304 and 316L from 12×12 to 200×100 mm, wall 1.0–6.0 mm, 6 m bars, satin 180/240 grit (the export standard), hairline or mirror polish, film-protected. Cut, mitred, bent and welded to drawing; matching round tube and handrail fittings from the same stock.

WEIGHT TABLE — SQUARE AND RECTANGULAR

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 AND FINISHES

Option	Description	Where
304 / 304L (1.4301 / 1.4307)	18/8 austenitic, non-magnetic	Interior handrails, furniture, kitchens, urban exterior
316 / 316L (1.4401 / 1.4404)	2% Mo, chloride resistant	Coastal and pool balustrades, marine, chemical, Gulf exteriors
Mill (as welded, 2B strip)	Semi-matt, weld visible	Hidden frames, to be polished
Satin 180 grit	Brushed, standard export	Handrails, general
Satin 240 grit	Finer brushed	Furniture, shopfitting, lifts
Hairline	Long-grain brushed	Cladding frames, doors
Mirror (No.8)	Polished, weld invisible	Decorative columns, luxury interiors
PVD colour	Gold, bronze, black, rose gold on satin/mirror	Hotels, retail, lifts

All polished tube supplied with PE protective film; weld seam ground flush and polished on satin and mirror finishes.

STAINLESS TUBE VS GALVANIZED VS ALUMINIUM

	Stainless 304 satin	Pre-galvanized steel	Aluminium 6063
Weight	2.4 kg	2.3 kg	0.8 kg
Corrosion	Excellent (316 for coast)	Good 10–20 yr	Good (anodised)
Appearance	Bright, no coating	Zinc grey / painted	Silver / anodised
Strength	High	High	Medium

	Stainless 304 satin	Pre-galvanized steel	Aluminium 6063
Price index per metre	4.5–5.5	1.0	2.5–3.0
Choose for	Visible, hygienic, marine	Hidden frames, fences	Light frames, windows

STANDARDS

ASTM A554 (welded stainless mechanical/ornamental tubing) · EN 10219 / EN 10296-2 (welded structural / mechanical stainless hollow sections) · EN 10088-2 (material 1.4301 / 1.4307 / 1.4404) · ASTM A240 (strip) · EN 1090-2 for structural fabrication