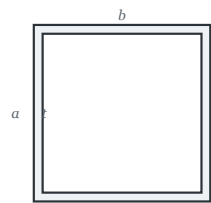


Galvanized square tube is square hollow section rolled from hot-dip galvanized strip (DX51D+Z275, EN 10346) so the zinc is on the outside and — unlike post-galvanizing — the tube stays straight, light and paintable, with a bright zinc weld seam repaired in-line. We roll 20×20 to 100×100 mm in 1.35–3 mm walls at Dilovası, 6 m, and offer hot-dip galvanizing to EN ISO 1461 for heavier sizes and structural use. Full size and weight table below.

20×20 – 100×100 mm	Wall 1.35–3 mm	Z275 pre-galvanized	6 m	HDG option EN ISO 1461
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40 × 40 × 2 mm

For fences, greenhouses, poultry houses, racks and any frame that lives outdoors but does not carry a building, pre-galvanized square tube is the economical answer: zinc from the mill, no post-treatment, no distortion, clean enough to powder-coat. Our mill rolls it from Z275 strip; the table is our own list.

GALVANIZED SQUARE TUBE SIZES AND WEIGHT PER METRE

Size (mm)	Wall (mm)	kg/m	kg per 6 m bar
20 × 20	1.35	0.83	4.96
20 × 20	1.8	1.07	6.44
20 × 20	2.5	1.47	8.83
20 × 30	1.4	1.07	6.4
20 × 30	1.5	1.14	6.85
20 × 30	1.8	1.37	8.22
20 × 30	2	1.51	9.04
20 × 30	2.5	1.87	11.19
20 × 40	1.2	1.11	6.67
20 × 40	1.35	1.25	7.5
20 × 40	1.5	1.38	8.27
20 × 40	1.8	1.64	9.83
20 × 40	2	1.82	10.93
20 × 40	2.5	2.26	13.54

First 14 of 77 rows — the full table is on the product page.
Roll-formed from DX51D+Z275 strip in our Dilovası tube mill; 6 m lengths.

GRADES, STANDARDS AND TOLERANCES

Grade / standard	Yield (MPa)	Note
DX51D+Z275 (pre-galvanized strip)	≈ 280 (typ.)	the standard — no guaranteed yield, bending grade
S250GD / S280GD+Z275	≥ 250 / 280	structural pre-galvanized on request
S235JRH + HDG EN ISO 1461	≥ 235	black tube hot-dip galvanized after cutting
S355J2H + HDG	≥ 355	structural, post-galvanized

Pre-galvanized tube keeps EN 10219 dimensions; the Z275 coating is about 20 µm per side and the weld seam is zinc-repaired in-line. Post-galvanized tube carries 55–85 µm and needs vent holes.

PRE-GALVANIZED VS HOT-DIP GALVANIZED TUBE

	Pre-galvanized (from Z275 strip)	Hot-dip galvanized after fabrication
Coating	≈ 20 µm per side (Z275), weld seam sprayed	55–85 µm, all surfaces incl. inside and cut ends
Life (C3)	10–15 years	25–40 years
Appearance	bright, smooth, spangle-free	grey, thicker, possible runs
Straightness	unchanged (no heat)	may distort; needs straightening
Sizes	20×20–100×100, ≤ 3 mm	any, needs vent holes
Price	base	+150–200 USD/t
Best for	fences, greenhouses, racks, furniture, HVAC	structures, guardrails, marine, ground contact

STANDARDS

EN 10219-1/2 — cold-formed hollow sections (dimensions) · EN 10346 — DX51D+Z275 strip (pre-galvanized) · EN ISO 1461 — hot-dip galvanizing after fabrication (option) · EN 10204 3.1