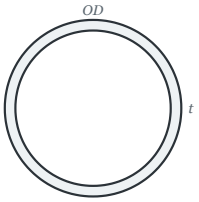
DKP Pipe (Cold-Rolled Tube)

OMEGA STEEL CO.
Istanbul · Dilovası plant

DKP pipe is the Turkish trade name for round tube rolled from cold-rolled (DC01, "DKP") strip instead of hot-rolled: bright, scale-free, smooth and thin-walled, made for furniture, shop fittings, automotive parts, exhaust and heating tubes, chrome plating and powder coating. Our Dilovası tube mill rolls 167 sizes from Ø 8 × 0.6 to Ø 76 × 2 mm in 6 m, with the outside bead removed and the inside scarfed on request.

Ø 8–76 mm | 0.6–2.0 mm | DC01 cold-rolled | Bright, scale-free | Made in Dilovası



Ø 25 × 1.5 mm

A chair leg, a clothes rail, a chrome-plated towel bar, a heater pipe — none of them start from black hot-rolled tube. They start from DKP pipe: thin, bright and straight enough to plate as it comes, and we roll it by the hundred tons a month.

WEIGHT TABLE — DKP ROUND TUBE, ALL 167 SIZES

OD (mm)	Wall (mm)	kg/m	kg per 6 m
8	0.7	0.13	0.76
8	0.8	0.14	0.85
8	0.9	0.16	0.95
8	1	0.17	1.04
8	1.2	0.2	1.21
8	1.5	0.24	1.44
9	1	0.2	1.18
10	0.6	0.14	0.83
10	0.7	0.16	0.97
10	0.8	0.18	1.09
10	0.9	0.2	1.21
10	1	0.22	1.33
10	1.2	0.26	1.56
10	1.5	0.31	1.88

First 14 of 167 rows — the full table is on the product page.

Rolled from DC01 cold-rolled strip (EN 10130); bright, scale-free, walls from 0.6 mm; tolerances EN 10305-3. Weight = (OD - t) x t x 0.02466.

GRADES, STANDARDS AND TOLERANCES

Grade / standard	Yield (MPa)	Note
DC01 (EN 10130)	140–280	the standard DKP strip; bright, formable
DC03	140–240	deeper drawing, tighter bends
DC04	140–210	extra-deep drawing tube parts
S235JR hot-rolled (for comparison)	235	black ERW pipe — scaled, from 1.5 mm

Precision tube to EN 10305-3: OD tolerance ±0.1–0.2 mm, wall ±10 %, straightness 1.5 mm/m. Not for pressure or structural design.

DKP PIPE VS BLACK ERW PIPE

Aspect	DKP (cold-rolled) tube	Black (hot-rolled) ERW pipe
Strip	DC01 cold-rolled, annealed	S235JR hot-rolled, scaled
Wall range	0.6–2.0 mm	1.5–6 mm
Surface	bright, smooth, oiled	blue-black mill scale
OD tolerance	±0.1–0.2 mm	±0.5 mm / ±1 %
Finishing	plate / paint directly	blast or pickle first
Bending	mandrel, tight radii, no flaking	coarser radii, scale flakes
Strength	strip yield, not guaranteed	S235 / S355 guaranteed
Use	furniture, automotive, plating	structure, fencing, water, scaffold

Aspect	DKP (cold-rolled) tube	Black (hot-rolled) ERW pipe
Price	base + ≈ 20–25 %	base

For hidden, painted structural tube the black pipe is cheaper; for anything plated, bent tightly or seen, DKP.

STANDARDS

EN 10305-3 — welded cold-sized precision steel tubes · EN 10130 — DC01 / DC03 strip · EN 10305-5 (square / rectangular precision) · EN 10204 3.1