ALLOYTI
Titanium mill products · Baoji, Shaanxi, China

Technical datasheet
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Titanium Tube & Pipe

ASTM B338 (seamless) · ASTM B861 · GB/T 3624

GRADES AND TYPICAL MECHANICAL PROPERTIES

Grade	Designation	Rm (MPa, min)	Rp0.2 (MPa, min)	A (%, min)
Gr.1	TA1	240	138	24
Gr.2	TA2	345	275	20
Gr.7	Ti-0.15Pd	345	275	20
Gr.9	Ti-3Al-2.5V	620	483	15

Values are ASTM minimums for annealed material at room temperature; density 4.51 g/cm³ (Gr.1–Gr.4), 4.43 g/cm³ (Gr.5).

SUPPLY FORMS AND SIZES

Outside diameter	6–114 mm
Wall thickness	0.5–8 mm
Length	≤ 12000 mm
Type	Seamless and welded (welded with filler or as-welded)

CONDITION AND FINISH

Annealed, pickled or bright annealed. Eddy-current and hydrostatic test on request.

INSPECTION AND DOCUMENTS

Mill certificate to EN 10204 3.1 per heat number; eddy-current and flattening test reports.

TYPICAL APPLICATIONS

Condenser and heat-exchanger tubing, desalination plants (MSF / RO), chemical process piping, seawater cooling systems.

ORDERING

MOQ 50 kg for stock sizes, 500 kg for custom or non-standard items — both negotiable. Lead time about 20 days after deposit and drawing confirmation. FOB / CIF / EXW. Payment 30% T/T deposit, 70% before shipment or against a copy of the bill of lading.

This datasheet summarises typical properties for evaluation. Final grade, tolerances and testing are confirmed in the quotation and the order confirmation.