

ASTM B337 Titanium Pipe – Seamless and Welded Options

Grade Options: Gr1, Gr2, Gr3, Gr7 (Ti-0.2Pd), Gr9 (Ti-3Al-2.5V), Gr11 (Ti-0.2Pd), Gr12 (Ti-0.3Mo-0.8Ni)

Standard: ASTM B337

Form: Seamless and Welded Pipes

Condition: Annealed

Available Diameter Range (O.D.):

- Seamless Pipe: 3mm - 300mm
- Welded Pipe: 3mm - 2000mm

Wall Thickness (W.T.):

- Seamless Pipe: 0.5mm - 50mm
- Welded Pipe: 1.0mm - 50mm
- Length: Up to 15,000 mm

Customization: All dimensions available upon customer request

Overview

Looking for titanium pipes that offer excellent corrosion resistance and are ideal for high-temperature service? Our **ASTM B337 Titanium tubes** are designed for applications where extreme pressure or cyclic thermal stresses are not the primary concern. These pipes are perfect for industries like chemical processing, oil and gas, power generation, and many others, offering outstanding performance under demanding conditions.

Technical Specifications

Our ASTM B337 Titanium tubes meet the following chemical composition requirements:

Element	Grade 1	Grade 2	Grade 3	Grade 7	Grade 9	Grade 11	Grade 12
	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Nitrogen (N)	0.03	0.03	0.05	0.03	0.02	0.03	0.03
Carbon (C)	0.10	0.10	0.10	0.10	0.05	0.10	0.08

Element	Grade 1 (%)	Grade 2 (%)	Grade 3 (%)	Grade 7 (%)	Grade 9 (%)	Grade 11 (%)	Grade 12 (%)
Hydrogen (H)	0.015	0.015	0.015	0.015	0.013	0.015	0.015
Iron (Fe)	0.20	0.30	0.30	0.30	0.25	0.20	0.30
Oxygen (O)	0.18	0.25	0.35	0.25	0.12	0.18	0.25
Palladium (Pd)	—	—	—	0.12-0.25	—	0.12-0.25	—
Aluminum (Al)	—	—	—	—	2.5-3.5	—	—
Molybdenum (Mo)	—	—	—	—	—	—	0.2-0.4
Vanadium (V)	—	—	—	—	2.0-3.0	—	—
Nickel (Ni)	—	—	—	—	—	—	0.6-0.9

Manufacturing Process

Our ASTM B337 Titanium Pipes are produced using two primary methods to ensure high precision and quality:

- **Seamless Pipe Production:** Manufactured using extrusion or Pilger rolling processes to ensure a uniform structure. Ideal for high-pressure applications.
- **Welded Pipe Production:** Manufactured by rolling titanium plates into pipes and welding the edges, ensuring precise dimensional control and surface finish.

Manufacturing Workflow:

Material Preparation → Billet Cutting → Straightening → Cold Drawing → Cutting → Surface Treatment → Quality Inspection → Packaging and Storage.

Why Choose Our ASTM B337 Titanium Pipes?

- **Professional factory:** 15 Years of Expertise in Titanium Product Manufacturing
- **Custom Dimensions:** We offer flexible customization options to meet specific requirements.
- **Full Traceability:** Our products come with complete traceability and we can provide relevant documentation upon request.

- **Third-Party Inspection:** All products undergo professional testing by accredited third-party inspection agencies before shipment to ensure the highest quality.

Whether you need seamless titanium pipes for high-pressure applications or welded titanium pipes for cost-effective corrosion-resistant systems, our products deliver reliable performance even in the most demanding environments.

For specific pricing, lead times, or technical consultations, feel free to reach out to our sales team. We are always here to assist you.

Baoji Zecheng Metal Materials