

AMS 4954 Titanium Wire (Grade 5 / ERTi-5 Filler Metal)

If you are looking for a high-performance welding solution for titanium alloys, our **AMS 4954 titanium wire** is designed to meet your most demanding requirements. Manufactured from **Ti-6Al-4V (Grade 5)**, also known as **ERTi-5 filler metal**, this wire offers excellent weldability, superior tensile strength, and outstanding oxidation resistance. Whether you are working on aerospace components, pressure vessels, or other critical applications, this titanium welding wire ensures reliability and consistency in every project.

Key Features

Material Grade: Ti-6Al-4V, Grade 5, ERTi-5

Density: 4.43 g/cm³

Surface Condition: Cold drawn, bright, smooth, free from cracks, scratches, or oxide scale

Form: Spools and straight cut lengths

Appearance: Polished spools ensure smooth unwinding during welding

Supply & Delivery

In stock: 7-10 days delivery

Customized specifications: Special diameters or lengths usually delivered within 15-25 days

Bulk orders: Lead time adjusted according to order volume and production schedule

Chemical Composition (Weight %)

Element	Min	Max
Aluminum (Al)	5.50	6.75
Vanadium (V)	3.50	4.50
Iron (Fe)	-	0.22
Oxygen (O)	0.12	0.18
Carbon (C)	-	0.05
Nitrogen (N)	-	0.030
Hydrogen (H)	-	0.015
Yttrium (Y)	-	0.005
Other (each)	-	0.05
Other (total)	-	0.20
Titanium (Ti)	Balance	Balance

Why Choose Baoji Zecheng Metal Materials Co., Ltd.

- Decades of production experience ensuring stable and reliable material performance
- Advanced equipment and strict process control, meeting **AMS 4954** standards
- Certified with **ISO 9001 & AS9100**, trusted for critical aerospace and industrial projects
- Professional technical support to guide you through welding and application challenges