



Titanium Wire

❖ Product Introduction

Titanium wire is a high-purity silver-gray metal with excellent corrosion resistance, high strength-to-weight ratio, and stable chemical properties. It offers good ductility, low impurities, and reliable thermal stability. With excellent biocompatibility, it is widely used in welding, aerospace, medical, chemical, and industrial applications.

❖ Product Characteristics

- 1.High-purity titanium wire with uniform diameter and low impurities.
- 2.Excellent corrosion resistance and thermal stability.
- 3.Good ductility and stable mechanical performance.
- 4.High strength-to-weight ratio and good processability for industrial use.

❖ Product Specifications

Product ID	Formula	Purity	Size
2200WI001	Ti	99.5%	Ø 1mm x 25m
2200WI002	Ti	99.5%	Ø 2mm x 25m
2200WI003	Ti	99.95%	Ø 3mm x 25m
2200WIC01	Ti	Customized	Customized

Chemical Composition of 99.5% Ti Wire (wt%)						
Al	Si	Fe	C	N	H	O
≤ 0.20	≤ 0.08	≤ 0.15	≤ 0.05	≤ 0.03	≤ 0.003	≤ 0.12

Chemical Composition of 99.95% Ti Wire (ppm)								
Fe	Al	Si	Ni	Co	Cu	Bi	Pb	Cd
≤50	≤30	≤50	≤50	≤30	≤50	≤40	≤40	≤20

❖ Typical Applications

Titanium wire features excellent corrosion resistance, high purity, and stable mechanical performance, widely used in welding, chemical processing, medical devices, aerospace, electronics, and advanced industrial applications.

❖ **Packaging**

Outer packaging: Cardboard box or wooden crate.

Inner packaging: Double-layer vacuum-sealed bag.

Packaging specifications: 1 kg or 5 kg per roll.

Custom packaging is available upon request.

❖ **Storage**

During transportation and storage, avoid moisture, contamination, and direct sunlight. Keep away from fire sources and corrosive substances. Seal properly after opening and use as soon as possible. The shelf life is up to 24 months from the production date.

❖ **Custom specifications are available, including**

- Higher purity products are available.
- More sizes are available.
- Custom packaging is available.

❖ **Cautions**

Titanium wire is stable under normal conditions. Dust from processing may irritate eyes, skin, and the respiratory system. Avoid inhalation and use protective equipment. Customers should inform us of their intended application before purchase.

Disclaimer

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