



Titanium Foil

❖ Product Introduction

Titanium foil is a high-purity metallic material with a silver-gray metallic appearance. It features excellent corrosion resistance, high strength-to-weight ratio, and outstanding chemical stability. The material has good ductility and weldability, making it suitable for precision processing and industrial applications. It also exhibits excellent thermal resistance, biocompatibility, and stable performance in harsh environments.

❖ Product Characteristics

- 1.High strength-to-weight ratio, lightweight with excellent mechanical performance
- 2.Outstanding corrosion resistance and stable chemical properties in harsh environments
- 3.Excellent thermal stability and high-temperature resistance for industrial applications
- 4.Good ductility, weldability, and processability for precision fabrication and forming

❖ Product Specifications

Product ID	Formula	Purity	Size
2200FI001	Ti	99.5%	0.1mm x 150mm x 150 mm
2200FI002	Ti	99.5%	0.125mm x 150mm x 150 mm
2200FI003	Ti	99.5%	0.125mm x 300mm x 300 mm
2200FI004	Ti	99.5%	0.5mm x 100mm x 200 mm
2200FIC01	Ti	Customized	Customized

Chemical Compositions (wt%)						
Al	Si	Fe	C	N	H	O
≤ 0.20	≤ 0.08	≤ 0.15	≤ 0.05	≤ 0.03	≤ 0.003	≤ 0.12

❖ Typical Applications

Titanium foil features outstanding corrosion resistance, light weight and high mechanical strength, widely applied in aerospace, chemical equipment, energy storage, medical devices, electronics and high-end industry.

❖ **Packaging**

Outer Packaging: Cardboard box or wooden crate

Inner Packaging: Double-layer vacuum-sealed bag

Packaging Specifications: 1 piece or customized.

Customized packaging is available upon request.

❖ **Storage**

During transportation and storage, avoid moisture, contamination and direct sunlight. Keep away from fire sources and corrosive substances. Use the bag as soon as it is opened. The shelf life is no more than 24 months from the production date.

❖ **Custom specifications are available, including**

- Higher purity
- More sizes

❖ **Cautions**

Titanium foil is stable under normal handling conditions. Dust or particles generated during cutting or processing may cause irritation to the eyes, skin, and respiratory tract. Avoid inhalation and direct contact, and use appropriate protective equipment during operation. Customers are advised to inform us of their intended application before purchase.

Disclaimer

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