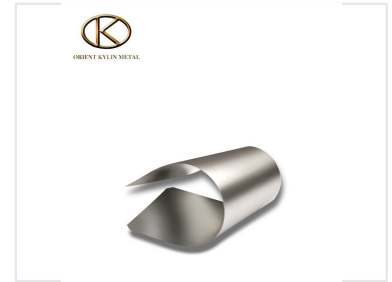
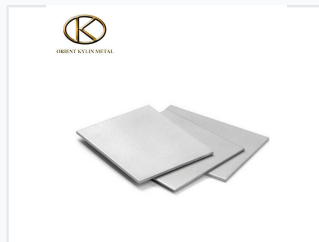
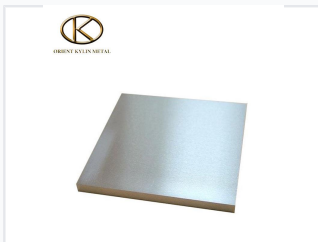


High Density Tantalum Sheet Plate Foil

This high-density tantalum sheet, plate, and foil offers stable electrical behavior and high capacitance. It features a high melting point, high strength, and good oxidation resistance.



ADDITIONAL IMAGES



Product Overview



Precision-engineered tantalum sheet for high-temperature and vacuum applications.

High-Performance Tantalum Solutions

This high-density tantalum material is engineered for extreme industrial environments requiring exceptional stability. Featuring a high melting point, superior strength, and excellent oxidation and corrosion resistance, it is ideal for vacuum furnaces and chemical processing. Its reliable electrical behavior also makes it a preferred choice for advanced electronics and capacitor manufacturing.

Material Properties

Purity	e99.95%
Density	16.68 g/cm ³
Surface Finish	Bright
Key Properties	High Melting Point, Corrosion Resistant, High Strength, Stable Electrical Behavior

Compliance and Standards

Standard
ASTM B708

Applications

Typical Applications

- Heating components for vacuum high-temperature furnaces
- Electronics industry (capacitors, electrodes)
- Chemical reaction equipment
- Corrosion-resistant fasteners
- Cathodic protection systems for steel structures

Chemical Composition

Chemical Composition Limits (Ingot)

Grade	C %	H %	O %	N %	Fe %
RO5200	0.010	0.0015	0.015	0.010	0.010
RO5400	0.010	0.0015	0.030	0.010	0.010