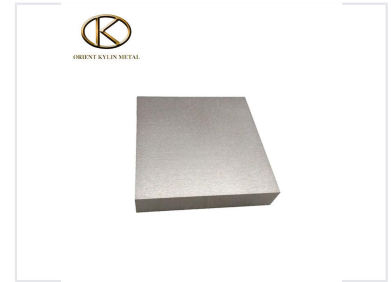
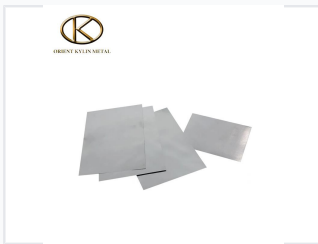


Tungsten Sheet for High-Temperature Applications

Tungsten sheet plate is designed for high-temperature environments, functioning as heating elements and high-temperature containers. It is made from tungsten and available in W1 and W2 grades.



ADDITIONAL IMAGES



Overview



Tungsten sheet plate featuring an alkaline wash surface treatment for enhanced cleanliness.

High-Performance Tungsten Sheets

These high-purity tungsten sheets are engineered for extreme high-temperature environments, offering exceptional thermal stability and corrosion resistance. Available in W1 and W2 grades, they are essential for applications ranging from industrial heating elements and vacuum furnaces to specialized medical equipment. Each sheet undergoes an alkaline wash process to ensure a clean, high-quality surface ready for demanding industrial use.

Material Properties

Material Grade	W1, W2
Purity	W >= 99.95%
Density	19.35 g/cm3

Technical Specifications

Chemical Requirements

Grade	W (%)	O (%)	Fe (%)	Mo (%)	Others (%)
W-1	e99.95	0.5	0.002	0.003	0.001

Size and Tolerance

Thickness (mm)	Thickness Tol. (mm)	Width (mm)	Width Tol. (mm)	Status
<0.2	0.01-0.02	50-150	+2.0/-0	Cold rolling
0.3	0.01-0.03	-	-	Cold rolling

Applications

Primary Applications

- High-temperature heating elements
- Vacuum coating
- Electric vacuum stove electrodes
- Heat insulation screens
- Chemical processing equipment
- Medical equipment components
- Rare earth metal smelting
- Glass and quartz smelting