

Alkali Washed Tungsten Wire for Light Sources

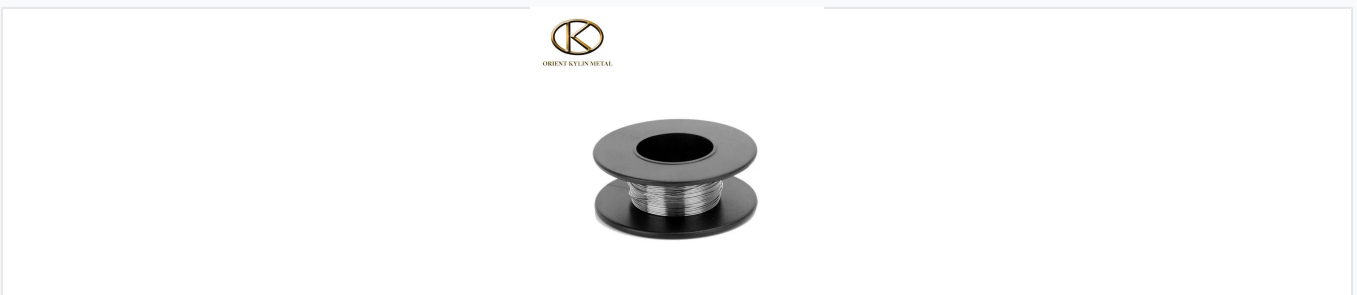
Tungsten wire is designed for creating filaments in various lighting applications. It features high temperature oxidation resistance and a high melting point.



ADDITIONAL IMAGES



Product Overview



High-purity tungsten wire treated with an alkali wash for optimal performance in high-temperature lighting applications.

High-Performance Tungsten Wire

This alkali-washed tungsten wire is engineered specifically for the production of high-temperature filaments. With a high melting point and superior oxidation resistance, it offers exceptional durability and corrosion resistance for demanding lighting applications. Its versatility makes it suitable for incandescent, fluorescent, and halogen lamps, as well as specialized heating components and TIG welding electrodes.

Technical Specifications

Density	19.2 g/cm ³
Purity (W)	>= 99.95%
Technique	Powder Metallurgy
Standard	GB/T4181-2007

Physical Properties

Surface Finish

Black • White

Key Features

High melting point, Oxidation resistant, Corrosion resistant, Long service life

Applications

Primary Applications

- Incandescent lamp filaments
- Fluorescent lamp filaments
- Halogen lamp filaments
- HID lamp electrodes
- Heating components
- Vacuum metalizing coils
- TIG welding electrodes

Tungsten Rod Specifications

Rod Diameter and Tolerance

Diameter (mm)	Tolerance (%)	Length (mm)
<20	±0.1	2000
20~30	±0.1	1200
30~60	±0.1	1000
60~70	±0.2	800
70~90	±0.2	600
>90	Contact Supplier	Negotiable