

## Technical Data Sheet

# Tungsten Wire

**Product ID:** 7400WI001 / 7400WI002

**Formular:** W

**Molecular weight:** 183.85 g/mol

**CAS No.:** 7440-33-7

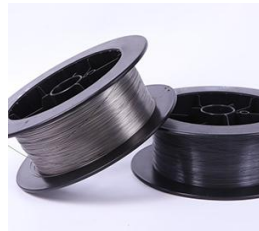
**EINECS No.:** 231-143-9

**Color:** Silver-white / Gray-black

**Description:** Our tungsten wire features 99.95% purity and can be customized in various sizes according to customer requirements, offering excellent high-temperature strength, low vapor pressure, as well as good electrical conductivity and creep resistance.

**Application:** Used in lighting, vacuum electronics, heating elements, and Semiconductor Manufacturing, etc.

**Product  
Image:**



### 1. Sizes

Product ID	Formular	Size	Color
7400WI001	W (99.95%)	Ø 0.5 mm x Length	Silver-white / Gray-black
7400WI002	W (99.95%)	Ø 1.0 mm x Length	Silver-white / Gray-black
7400WIDZ	W (99.95%)	Customized	Silver-white / Gray-black

### 2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Fe	Si	Ni	Ca	Mo	Na
99.95%	≤ 60	≤ 30	≤ 20	≤ 30	≤ 50	≤ 20

*Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.*

### **3. Packaging**

Typically packaged in spools or coils, sealed in moisture-proof bags.

Placed in sturdy cartons.

Custom packaging is also available.

### **4. Period of Validity**

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

### **5. Handling and Storage**

When using, wear clean gloves and operate with clean tools to avoid bending, contamination, or surface damage, especially during high-temperature or vacuum applications.

Store in a dry, clean, vacuum-sealed to prevent oxidation, moisture absorption, and surface contamination.

### **Contact Us**

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