

Technical Data Sheet

Tungsten Sputtering Target

Product ID: 7400ST001 - 7400ST010

Formular: W

Molecular weight: 183.85 g/mol

CAS No.: 7440-33-7

EINECS No.: 231-143-9

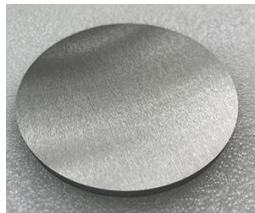
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Description: Our tungsten sputtering targets feature 99.95% purity and can be customized in various sizes according to customer requirements, offering advantages such as high purity, excellent high-temperature resistance, low electrical resistivity, and strong film adhesion.

Application: Semiconductor Manufacturing, flat panel displays, solar cells, optical coatings, etc.

Product

Image:



1. Sizes

Product ID	Formular	Size
7400ST001	W (99.95%)	Ø 25.4 mm x 3.175 mm
7400ST002	W (99.95%)	Ø 25.4 mm x 6.35 mm
7400ST003	W (99.95%)	Ø 50.8 mm x 3.175 mm
7400ST004	W (99.95%)	Ø 50.8 mm x 6.35 mm
7400ST005	W (99.95%)	Ø 76.2 mm x 3.175 mm
7400ST006	W (99.95%)	Ø 76.2 mm x 6.35 mm
7400ST007	W (99.95%)	Ø 101.6 mm x 3.175 mm
7400ST008	W (99.95%)	Ø 101.6 mm x 6.35 mm
7400ST009	W (99.95%)	214 mm x 56 mm x 12mm
7400ST010	W (99.95%)	764 mm x 131 mm x 14 mm
7400STDZ	W (99.95%)	Customized

2. Chemical compositions

		Metal impurities (ppm)					
Element	Typical Value	Fe	Si	Ni	Ca	Mo	Na
Purity	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

Carton/wooden box outer bag.
Double vacuum inner bag.
Customized packaging is 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 avoid surface contamination or mechanical impact during installation and use.

Store in a dry, clean, and vacuum-sealed or inert-gas environment to prevent oxidation and moisture absorption.

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