

Technical Data Sheet

Tungsten Mesh

Product ID:	7400MS001	Molecular weight:	183.85 g/mol
Formular:	W	EINECS No.:	231-143-9
CAS No.:	7440-33-7		
Color:	Gray-black		
Description:	Our tungsten mesh features 99.95% purity and can be customized in various sizes according to customer requirements, offering excellent high-temperature stability, good electrical and thermal conductivity, as well as corrosion resistance and creep resistance.		
Application:	Used in high-temperature vacuum environments, electron emission devices, heating elements, Semiconductor Manufacturing, etc.		

Product Image:



1. Sizes

Product ID	Formular	Size
7400MS001	W (99.95%)	Ø (0.1-0.12) mm x 1.0mm 1 x 5m
7400MSDZ	W (99.95%)	Customized

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 vacuum-sealed, moisture-proof, and anti-oxidation materials.

Placed in sturdy cartons with protective cushioning.

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 deformation, contamination, or surface damage during installation and high-temperature use.

Store in a dry, clean, and sealed environment, to prevent oxidation and contamination.

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