

Technical Data Sheet

Molybdenum Tube Target

Product ID: 4200RT001 / 4200RT002

Formular: Mo

Molecular weight: 95.94 g/mol

CAS No.: 7439-98-7

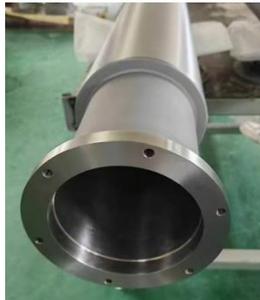
EINECS No.: 231-107-2

Color: Silver gray

Description: Our molybdenum tube targets have a purity of 99.95% and can be customized in various sizes. They feature high purity, excellent thermal stability, superior electrical and thermal conductivity, and maintain strong stability under high-power coating conditions.

Application: High-power sputtering coating, architectural and automotive glass coating, photovoltaic cells, and display technologies.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
4200RT001	Mo (99.95%)	OD 6 mm x ID 3 mm x 125 mm
4200RT002	Mo (99.95%)	OD 151 mm x ID 135 mm x 636mm
4200RT003	Mo (99.95%)	OD 155 mm x ID 135 mm x 1370 mm
4200RTDZ	Mo (99.95%)	Customized

2. Chemical compositions

		Metal impurities (ppm)					
Element	Typical Value	Fe	Ni	Si	Cr	Cu	Sn
Purity	99.95%	≤ 100	≤ 50	≤ 100	≤ 50	≤ 20	≤ 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.

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 appropriate protective equipment to avoid inhaling dust or skin contact, and operate in a clean, dry, and well-ventilated environment.

Stored in a dry, clean, and corrosion-free environment, with protective packaging to prevent contamination and mechanical damage.

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