

Technical Data Sheet

Zinc Metal Sputtering Target

Product ID: 3000ST001 - 3000ST013

Formular: Zn

Molecular weight: 65.38 g/mol

CAS No.: 7440-66-6

EINECS No.: 231-175-3

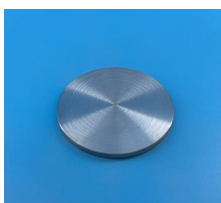
Color: Silver gray

Description: Our zinc sputtering targets typically have a purity of $\geq 99.9\%$, with higher purity levels and various sizes available upon request. They feature high purity, high density, excellent electrical conductivity, and controllable sputtering performance, making them suitable for electronic and optical thin film applications.

Application: Electronic devices, electroplating, optical coatings, and thin-film batteries.

Product

Image:



1. Sizes

Product ID	Formular	Size
3000ST001	Zn (99.9%)	Ø 25.4 mm x 3.175 mm
3000ST002	Zn (99.95%)	Ø 25.4 mm x 3.175 mm
3000ST003	Zn (99.99%)	Ø 50.8 mm x 6.35 mm
3000ST004	Zn (99.995%)	Ø 50.8 mm x 6.35 mm
3000ST005	Zn (99.9%)	Ø 76.2 mm x 6.35 mm
3000ST006	Zn (99.995%)	Ø 76.2 mm x 6.35 mm
...	...	...
3000ST3NDZ	Zn (99.9%)	Customized
3000ST3N5DZ	Zn (99.95%)	Customized
3000ST4NDZ	Zn (99.99%)	Customized
3000ST4N5DZ	Zn (99.995%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Cu	Ni	Al	Fe	Cd	Mg
99.9%	≤ 100	≤ 100	≤ 100	≤ 150	≤ 200	≤ 100
99.95%	≤ 50	≤ 50	≤ 50	≤ 80	≤ 100	≤ 50
99.99%	≤ 10	≤ 10	≤ 10	≤ 20	≤ 20	≤ 10
99.995%	≤ 5	≤ 2	≤ 5	≤ 5	≤ 10	≤ 5

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 protective equipment (such as gloves, goggles, and a dust mask) to avoid inhalation of dust or skin contact.

Store in a dry, cool place, away from corrosive substances and moisture.

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