

Technical Data Sheet

Indium Sputtering Target

Product ID: 4900ST001 - 4900ST007

Formular: In

Molecular weight: 114.8 g/mol

CAS No.: 7440-74-6

EINECS No.: 231-180-0

Color: Silvery white to silvery gray

Description: Our indium targets have a purity of $\geq 99.99\%$ and can be customized in various sizes according to requirements. They feature high electrical and thermal conductivity, a low melting point, and excellent ductility.

Application: Semiconductor, flat panel display, solar cell, and thin-film coating applications.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
4900ST001	In (99.99%)	∅ 25.4mm x 3.175mm
4900ST002	In (99.99%)	∅ 25.4 mm x 6.35 mm
4900ST003	In (99.99%)	∅ 50.8mm x 3.175mm
4900ST004	In (99.99%)	∅ 50.8 mm x 6.35 mm
4900ST005	In (99.99%)	∅ 76.2mm x 3.175mm
4900ST006	In (99.99%)	∅ 76.2mm x 6.35mm
4900ST007	In (99.99%)	100 mm x 100 mm x 3 mm
4900STDZ	In (99.99%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)						
	Cu	Cd	Sn	Al	Zn	Fe	Pb
99.99%	≤ 10	≤ 10	≤ 10	≤ 5	≤ 10	≤ 15	≤ 15

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 a dust mask, handle in a clean, dry environment and avoid excessive pressure or contamination during installation and use.

Store in a sealed package in a cool, dry place away from moisture, acids, and oxidizing substances.

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