

Technical Data Sheet

Cobalt(II) Oxide Sputtering Target

Product ID: 270801ST001 - 270801ST006

Formula: CoO

Molecular weight: 74.93 g/mol

CAS No.: 1307-96-6

EINECS No.: 215-154-6

Color: Dark gray

Description: Cobalt(II) oxide sputtering targets offer excellent thermal stability, chemical durability, and controlled stoichiometry, enabling reliable and uniform thin-film deposition.

Application: Semiconductor devices, magnetic materials, optical coatings, sensors, advanced ceramic thin films, etc.

Product

Image:



1. Sizes

Product ID	Formula	Size
270801ST001	CoO (99.9%)	Ø 152.4 mm x 6.35 mm
270801ST002	CoO (99.9%)	Ø 25.4 mm x 6.35 mm
270801ST003	CoO (99.9%)	Ø 50.8 mm x 3.175 mm
270801ST004	CoO (99.9%)	Ø 76.2 mm x 3.175 mm
270801ST005	CoO (99.9%)	Ø 101.6 mm x 6.35 mm
270801ST006	CoO (99.9%)	Ø 203.2 mm x 3.175 mm
270801STDZ	CoO (99.9%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Fe	Ca	Cu	Na	Ni	Si
99.9%	≤ 150	≤ 200	≤ 100	≤ 100	≤ 150	≤ 100

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.
Custom 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

Handle with clean gloves in a dry, well-ventilated environment to prevent contamination and moisture exposure.

Store in a tightly sealed, moisture-resistant package in a cool, dry environment away from incompatible materials.

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

Add: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.