HALBLEITER MATERIAL

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Technical Data Sheet

Nickel Foil

Product ID: 2800FI001 - 2800FI005

Formula: Ni **Molecular weight:** 58.69 g/mol

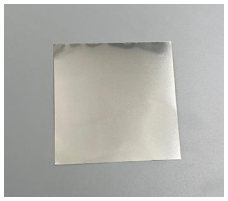
CAS No.: 7440-02-0 **EINECS No.:** 231-111-4

Color: Silver-gray

Description: Nickel foil offers good corrosion resistance, electrical conductivity, and ductility, making it suitable for applications requiring thin, flexible, and durable metal sheets.

Application: Batteries, electronic components, electrochemical research, etc.

Product Image:



1. Sizes

Product ID	Formula	Particle Size
2800FI001	Ni (99.9%)	Ø 100 mm x 100 mm x 0.05 mm
2800FI002	Ni (99.95%)	Ø 100 mm x 100 mm x 0.05 mm
2800FI003	Ni (99.9%)	Ø 100 mm x 100 mm x 0.1 mm
2800FI004	Ni (99.95%)	Ø 100 mm x 100 mm x 0.1 mm
2800FI005	Ni (99.95%)	Ø 100 mm x 0.1 mm x L (Roll)
2800FI3NDZ	Ni (99.9%)	Customized
2800FI3N5DZ	Ni (99.95%)	Customized

2. Chemical compositions

	Metal impurities (ppm)						
Element / Typical Value / Purity	Al	Ti	Fe	Co	Nb	Ta	W
99.9%	≤ 50	≤ 50	≤ 200	≤ 300	≤ 50	≤ 50	≤ 50
99.95%	≤ 20	≤ 20	≤ 150	≤ 200	≤ 20	≤ 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

Wrap with PVC boards, then place into vacuum-sealed bags or inert gas-filled bags.
The outer layer is packed in a PP box, which is then placed into a sturdy carton or wooden crate.
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

Handle with clean gloves and suitable tools to prevent surface contamination, scratches, and deformation.

Store in a clean, dry, and sealed environment away from moisture and corrosive substances to maintain surface quality.

Contact Us

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