

Vale Inco Electrolytic Nickel Strip for Plating

Ni



Vale Inco Electrolytic Nickel Strip is a high-purity nonactivated form of primary nickel ideally suited for plating without anode baskets. The thickness of Vale Inco Strip is approximately 15 mm (0.6 in.).

Individual Nickel Strips are suspended from anode bars by means of nickel or titanium hooks either clamped in place or passing through a hole drilled in the strip. The strip is encased in cloth anode bags to prevent the small amounts of metallic residues that form on dissolution from entering the solution.

Being non-activated, Vale Inco Electrolytic Nickel Strip requires chloride ions in the plating solution to dissolve efficiently.

Its distinctive thickness has made Vale Inco

Electrolytic Nickel Strip a premium product for plating without anode baskets.

Quality Management Systems for the production, packaging and marketing of Vale Inco Electrolytic Nickel Strip have been registered and comply with the requirements of ISO Standard 9001:2000.



Vale Inco Limited
www.valeinco.com

Typical Specifications

Form

Approximate dimensions

- 100 mm by 600 mm (4 in. by 24 in.)
- 200 mm by 600 mm (8 in. by 24 in.)
- 150 mm by 600 mm (6 in. by 24 in.)

Thickness approximately 15 mm (0.6 in.)

Packaging

- ca. 250 kg (551 lb) wooden box.

Typical Chemical Analysis (percent)

Nickel plus cobalt 99.99

Cobalt 0.048

Sulfur 0.0002

Copper 0.0008

Arsenic 0.0009

Carbon 0.002

Lead 0.0004

Iron 0.0004

Zinc 0.0001

Exceeds the chemical requirements of ISO 6283, NR9980; BS, 375, R 99.8, ASTM B 39.