



## Electrolytic Nickel Cathode (Full Size)

Vale™ electrolytic nickel is the world's leading brand of electroplating nickel. Full size cathodes are produced by electrolytic refining at Vale's Thompson Nickel Refinery in Manitoba, Canada.

The controlled and consistent quality of the Thompson refining process have established Vale™ Electrolytic Nickel Cathode as an industry standard for general purpose electroplating:

- High purity
- Thickest cathode available (~15 mm)
- Smooth, shiny and defect-free surface
- Produces minimal metallic residues upon dissolution
- Dissolves at 100% anode efficiency in common nickel plating solutions (containing chlorides)
- Must be cut into squares or strips prior to using
- Proven and trusted by the world's leading electroplaters

Electrolytic Nickel Cathodes are produced in compliance with the following ISO standards: ISO 9001:2008.

For further information about our products, please visit our website ([www.vale.com](http://www.vale.com)) or contact a regional sales representative.

### Typical Specifications

#### Form

- Full size sheets of nickel
- Dimensions: 72 cm x 103 cm
- Thickness: approximately 15 mm

#### Packaging

- 1,800 kg nominal weight bundles, strapped

#### Chemical Analysis (wt %)

Ni*	>99.91
Co	<0.06
Cu	<0.001
C	<0.0035
Fe	<0.0002
S	<0.0002
As	<0.0013
Pb	<0.0003
Zn	<0.0002

\*Nickel determined by difference.



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