



Nickel & Nickel Alloys

Engineered Materials Solutions - Your Local Sales Facility

Engineered Materials Solutions has been producing precision rolled Clad and Thermostatic Bimetal for over 100 years. Today, as part of our product portfolio, we offer Nickel and Nickel Alloys - produced by Auerhammer Metallwerk GmbH.

Whether you require Metallic Foil, Strip, or Coil form, we can provide high quality Nickel and Nickel Alloys to suit your needs. From batteries, to metal stampings, or medical device components and magnetic imaging equipment parts, we've got you covered.

Our company is dedicated to providing the highest level of quality, service, and technical support. It's our goal to provide you with the best support possible, so you are able to get to the market faster and with a better product.

// Advantages

- › High thermal conductivity
- › Low carbon content
- › Good weldability
- › High ductility
- › Corrosion resistance
- › High strength



Nickel & Nickel Alloys

Nickel	ASTM B162	200	201	233
Nickel Copper	ASTM B127	400	401	500
Nickel Chromium	ASTM B168	600	601	
Nickel Iron	ASTM F30	42	48	52
	ASTM F15	29/18		
Soft Magnetics	ASTM A 753	48	Perm 77	Sup MuNi80

Thickness & Width Capabilities

Product	Thickness		Width
	Minimum	Maximum	Maximum
Foil	0.00006"	0.00019"	2.632"
	0.00020"	0.00300"	3.937"
Strip	0.003"	0.125"	14.170"
Coil ID	12"/16"/20" (includes cardboard core)		
Coil Weight	5,000 pounds Maximum		

Tension Leveling

Tension Leveling	0.003" - 0.040" thick strips and coils
------------------	--

Chemistry is based on standard ASTM specifications
Tolerances are also according to ASTM specifications

Typical Applications

Shim stock • Cable shielding • Photo etched parts •
Electrical Components • Fuel Cells • Welded Tubing
• Oil, gas and chemical processing • Flexible hose •
Washers • Valve and pipe gaskets • Stamped parts •
Diodes and Transistors • Transformers • Disc Drives •
Magnetic imaging equipment • Laminates • Sensors



Eric Schriver

Nickel Strip Product Manager
Phone: +1 508 838 0128
Fax: +1 508 342 2501
Email: eschriver@emsclad.com

Barbara Donnelly

Inside Sales
Phone: +1 508 342 2133
Fax: +1 508 342 2501
Email: bdonnelly@emsclad.com

