



**Engineered
Materials Solutions**

Wickeder Group



Nickel & Nickel Alloys

Engineered Materials Solutions - Your New 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 B 160	200	201	233
Nickel Copper	ASTM B 162	400	404	500
Nickel Chromium	ASTM B 168	600	601	
	ASTM B 443			625
Nickel Iron	ASTM F30	36	42	52
	ASTM F15			29/18
Soft Magnetics	ASTM A 753	48	Perm 77	Sup MuNi80

Thickness & Width Capabilities			
	Max	Max Coil OD	Max Weight
0.003" to 0.125"	13"	43"	4000#
Inside Diameter with or without cores	12"	16"	20"

Tension Leveling		
Ungerer Leveling Line	.003 up to .040	13 inch Max

Chemistry is based on standard ASTM specifications
 Tolerances are also according to ASTM specifications
 Standard Heat Lot sizes are 6,600#
 Typical master coils are 3,000# per coil

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

Sonya Luongo

Customer Service
 Phone: +1 508 342 2441
 Fax: +1 508 342 2501
 Email: sluongo@emsclad.com

LinkedIn

