Metal Foils up tp to 0.002 mm thin

Auerhammer Metallwerk
Wickeder Group

We have wrapped our earth already 3 times with ultra-thin metal foils and are pleased to share our know-how and knowledge of more than 120,000 km in foil length with you.

Abstract

Auerhammer Metallwerk GmbH manufactures metal foils tailored to customer needs.
We produce our precision metal foils with a thickness thinner than 0.10 mm. Our production range covers pure metals as well as alloys according to customer requests. For foils with a maximum width of 110 mm we are able to offer our standard alloys with a minimum order quantity of 1 kg.

Materials

Pure Metals	Nickel (2.4060) | Copper (2.0076) | Titanium Grade 1 (3.7025) | Tantalum | Silver | etc.	
Alloys	Iron-Nickel:	Alloy42 (1.3917) or similar acc. to DIN 17745 or ASTM F30
	Copper-Nickel:	CuNi44 (2.0842) or similar acc. to DIN 17471 or ASTM B122
	Nickel-Copper:	NiCu30Fe (2.4360) or similar acc. to DIN 17743 or ASTM B127
	Nickel-Chromium:	NiCr15Fe (2.4816) or similar acc. to DIN 17742 or ASTM B168
Stainless Steels	DIN: 1.4301 | 1.4310 | 1.4404 | 1.4568 | etc. AISI: 304 | 301 | 316L | 631 | etc.	
Hire Work	We are pleased to roll your metal strip or foil down to a few microns in thickness.	

We produce other alloys in close connection with our customers and with detailed check and assessment of our technicians.

Delivery Condition

The temper condition of our metal foil can be soft annealed or hard rolled. With special and precise combination of annealing and rolling steps we are able to achieve your required properties.

Temper condition	Thickness	Width
soft annealed	> 10 µm	4 - 100 mm slit edge or 60 - 110 mm rolled edge
hard rolled	> 5 µm	2 - 100 mm slit edge or 60 - 110 mm rolled edge
hard rolled	≤ 5 µm	5 - 100 mm slit edge or 60 - 110 mm rolled edge

If necessary more thickness-width-combinations are possible up to a minimum width of 1.0 mm.

Our foils are wound on a spool or core with standard coil inner diameter of 76 mm. Others upon request.

Tolerances

In general, our thickness tolerance is ±10% of the final thickness. For special needs and high precision applications we develop a adjusted and more complex technology and are able to offer a fine tolerance of ±5%.

01/25

Auerhammer Metallwerk GmbH | Hammerplatz 1 | 08280 Aue-Bad Schlema | Germany
Phone +49 3771 272-0 | Mail: sales@auerhammer.com | www.auerhammer.com