



**We wrapped our earth already two and a half times with high precision thin foil and are pleased to share our know-how and knowledge of more than 100,000 km in foil length also with you.**

## Abstract

Auerhammer Metallwerk GmbH produces metal foils according to customer needs and specific usage with a thickness thinner than 0.10 mm. Our production range covers pure metals as well as alloys with respect 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 AISI: 304	1.4310 301	1.4404 316L	1.4568 631	etc. 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 might 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 some more thickness-width-combinations are possible down to 1.0 mm in width.

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 final thickness. For special needs and high precision applications we may set a more precise technology and are able to offer a fine tolerance of ±5%.

**Important Note:** All data in this Material Data Sheet are only for information purposes. Other dimensions and features to customer specification on request. Guarantees relating to specific characteristics or purposes require always a special written agreement.

