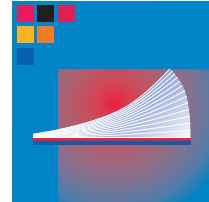
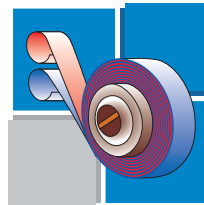




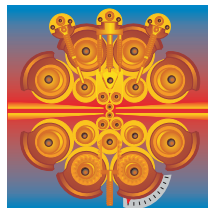
AUERHAMMER
METALLWERK GMBH



Thermostatic Bimetals

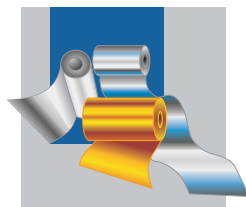


Clad Materials



Metal Strips

Soft-magnetic Iron-Nickel-Alloys
Sealing and Expansion Alloys
Nickel
Nickel-Chromium-Alloys
Nickel-Copper-Alloys
Copper-Nickel-Alloys
Nickel-Manganese-Alloys



Metallic Foils

Product group:

Metallic foils

1. SHORT DESCRIPTION

Metallic foils are usually produced according to customer specifications for special applications. We define foils as having thicknesses from 0.0015 mm to 0.075 mm. The foils are made from pure metals or alloys depending on customers requirements.

2. MATERIALS

⇒ Soft-magnetic alloys	FeNi36 ... FeNi80
⇒ High purity metals	Nickel
⇒ Metal alloys	FeNi, NiCr, NiCrFe, NiCu
⇒ Copper and copper alloys	Cu Thicknesses < 0.020 mm are preferred CuNi44Mn, CuBe2
⇒ High grade steels	1.4301, 1.4310
⇒ Precious metals and alloys	Ag, Ag-solder

Other alloys upon request.
Free-issue material can be provided by the customer.

3. PRODUCT TEMPER

Foils are either supplied in the as-rolled condition or heat-treated. Special heat treatment processes can be applied to produce an end product with specifically adjusted properties.

4. DIMENSIONS AND TOLERANCES

Thickness (mm)	TOLERANCE (% OF NOMINAL THICKNESS)
< 0.0050	± 10
≥ 0.005 - 0.075	± 5 Fine tolerance ± 10 Standard tolerance

For thicknesses from 0.0015 mm to < 0.0050 mm (depending on material) the maximum width is 60 mm.

For thicknesses ≥ 0.005 mm the maximum width is 100 mm.

Thicknesses up to 110 mm wide by agreement.

5. PRODUCT FORM

coiled on reels (with intermediate layers of tissue paper, if requested)
widths from 1 mm to maximal rolling width
foil sheets (on request)

All data contained in this document are for information purposes only.
Other properties can be engineered according to customer specifications.

Guarantees of specific characteristics or applications require special written agreement.

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