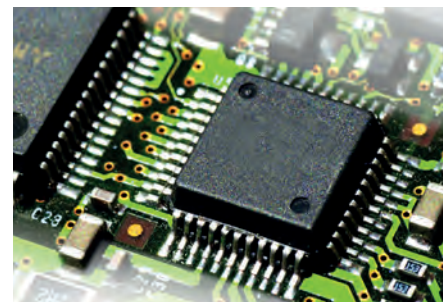




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Metal Foils



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Tradition looking ahead

Modern, focused on the future and yet rooted in a long history. The globally active Carl Schlenk AG, based in middle-Franconian Barnsdorf, was founded in 1879. Today this corporation is an internationally leading manufacturer of industrial raw materials and semi-finished products. SCHLENK shows worldwide presence through its 10 production sites and over 100 agencies.

A global distribution and service network strengthens SCHLENK's demand to be a high-performance partner for a demanding and international customer base. The SCHLENK Group consists of two divisions: Schlenk Metallic Pigments GmbH and Schlenk Metal Foils GmbH & Co. KG.

The division Metal Foils specializes in the production of thinnest metal foils with numerous possible surface treatments and a multitude of delivery forms. On principle, nearly all metals can be processed. We typically use copper, copper alloys, nickel, nickel-silver and fine silver, as well as numerous resistance alloys. Hence we offer a very wide range of technical applications: from photovoltaics, lithium-ion batteries, over flexible circuit boards to flexible flat cables for top-modern automotive technology.

The thin and individually precisely processed metal foils and semi-finished products by SCHLENK meet the requirements of many lines of industry for maximum resource-efficiency.



COMPETENCIES



Rolling
Thin / wide, smallest tolerances possible



Slitting
Narrow, thin, precise



Roll cladding
Single or double-sided, different layer thicknesses and materials



Degreasing
according to demand in all dimensions



Finishing
Surface treatment, silver-plating, pickling, embossing



Annealing
Inert atmosphere, shiny, soft, controlled

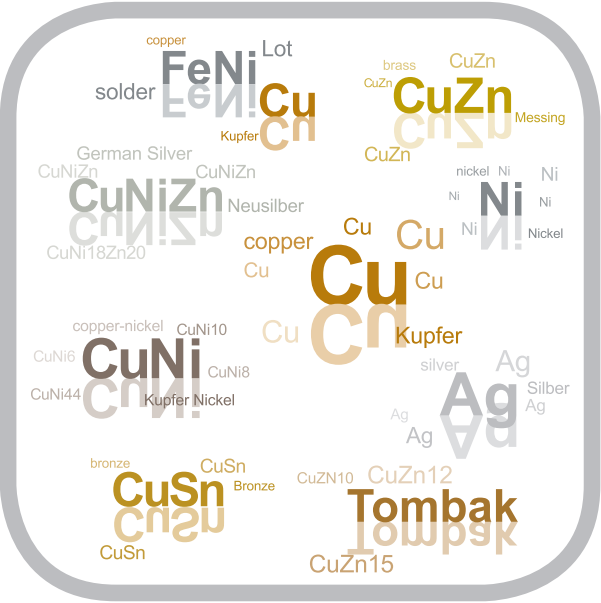


Contract processing
Diverse processes also in cooperation with certified external partners to realize customized production requirements or sub-contracting



Flexibility
Individually tailored delivery batches ranging from 1 kg to full container loads

MATERIALS



Slit coils
Slit coils consist of sections of rolls or narrowly cut foils and strips. Usually the strip / foil width is considerably smaller than the wound diameter.
We also offer a special version: the so-called film spool for strip widths below 10 mm. Film spools are special cores with reinforcing and protecting side shields.

Coils
The coils are available on steel, cardboard and plastic cores. The strip / foil width is larger than the wound diameter.

Spools
We offer narrowly cut foils and strips on traverse wound spools. The advantage of spooled foils and strips is obvious: while the external diameter is quite small, long lengths are possible.

Sheets
Almost all of the dimensions we offer in our production program can also be provided as cut sheets (untrimmed sheets cut from strips). Our sheets can be delivered either just as stacked sheets or layered with interleaving paper.
Thanks to our specialized partners, we can also realize customized processing requirements including among others punching, cut-to-form and marked.

AREAS OF APPLICATION

- Special cables
- Flat cables (FFC)
- Automotive technology
- Photovoltaics
- Lamination
- Lithium-Ion batteries
- Flexible circuit boards
- Heat exchangers
- Fuses
- Capacitors
- Electronics
- Medical technology
- Transformers

and many more...!

