

Rolled Foils for tabbing of Batteries

Rolled copper foils made by SCHLENK are mainly used in Li-ION batteries as a current collector.

Tab ribbons are rolled strips, cut to width in a precise slitting process. They are used as an interconnection.

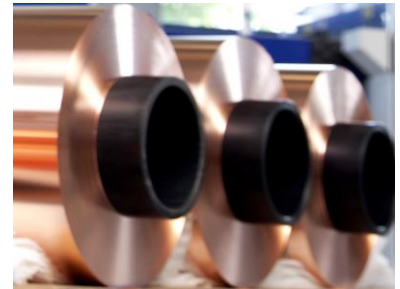


- **Base-material:**
ETP-Copper, Silver, Nickel and their alloys, hard as rolled or soft annealed, **Pure Nickel** is the most suitable material for tab ribbon as it has good processability and low electrical resistance.
- **Surface:**
plain or single / double side copper treated or roll clad
- **Thickness range:**
0,010 - 0,400 mm (other thicknesses available on request)
- **Width range:**
0,600 - 30 mm (depending on strip thickness)
(other width available on request)



Forms of delivery:

Wound on steel, plastic or aluminium cores
Many different core sizes available



Plastic cores with side shields:

20/65 mm crill hole / coil diameter (SSD - 200 mm)
50/95 mm crill hole / coil diameter (SSD - 250 mm)



Spools with conical flanges:

HKV 125 (ID 16 mm)
HKV 160 (ID 22 mm)
HKV 200 (ID 22 mm)



Other core sizes available on request

Advantages of SCHLENK's rolled foils:

- Many different base materials and alloys available
- Wide variety of thicknesses and widths – individually tailored
- Precise slitting – wide / narrow
- Material is designed for use in challenging applications and tightest tolerances

SCHLENK is highly experienced in rolling processes and continuously optimizes the features of rolled foils.

Please consider also our information regarding Rolled Foils for Batteries

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