

## 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 cladded
- **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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