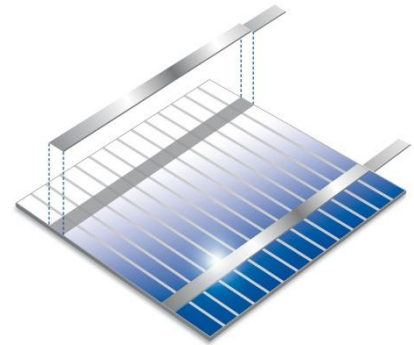


Copper foil with a special tin cladding from the Schlenk production program is used in the photovoltaic solar industry as cell connectors, cross collectors and back side contacts. We produce according to our own standard specification, as well as according to customer specifications.



<b>Base-material:</b>	ETP Copper foil, soft, double-side tin cladding Cu > 99.9 % acc. EN 1976
<b>Tin-, and tin.-solder layers:</b>	double-side tin cladding L-Sn96,5Ag3,5 (leadfree solder) L-Sn96 5AG3,0Cu0,5 (leadfree solder) Sn96.8% and anti-oxidants L-Sn62Pb36Ag2 L-Sn60Pb40 (Others available on request)
<b>Layer thickness: (incl. tin-layer)</b>	0,4 - 30 µm per side (depending on strip thickness)
<b>Strip thickness:</b>	0,010 mm - 0,500 mm
<b>Width:</b>	0,800 – 330 mm (depending on strip thickness) (wider on request)
<b>Width tolerance:</b>	+/- 0,050 mm
<b>Coil design:</b>	available on coils or on spools

**For more information about our performance enhancing LHS connectors see separate information.**



## Coil sizes:

20/65 mm – plastic core with side-shields 200 mm  
50/95 mm – plastic core with side-shields 250 mm



## Spool sizes:

HKV 125 (ID 16 mm)  
HKV 160 (ID 16 mm)  
HKV 200 (ID 22 mm)  
HKV 250 (ID 22 mm)

**Additional coil and spool sizes are available by request**

## Advantages of roll cladding:

- no flux used in our whole production process
- consistent layer thickness across the whole foil
- uniform surface appearance
- narrow thickness tolerances

## Lot sizes:

- We supply small lots for R&D, quickly and with the utmost flexibility as well as large lots up to complete container loads

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