

LHS[®] SELECT

our pre-tinned solution

→ **Summary:**

- Module efficiency increased up to 3 % depending on module and cell configuration
- Lower resistance values
- Ready to use
- Available
- Gentle to your cells
- Existing equipment can be used
- Interesting optical appearance in connection with dark back-sheet-foils (building integration)
- Available in all current sizes, solders and coil designs

SCHLENK Metallfolien GmbH & Co.KG
D-91154 Roth / Germany
Tel. +49 9171 808 - 0
E-Mail: lhs@schlenk.de

www.schlenk.com



In view of their policy of continuous improvement, the company reserves the right to change the specification and design. CS 09/14

LHS[®] SELECT

Affordable

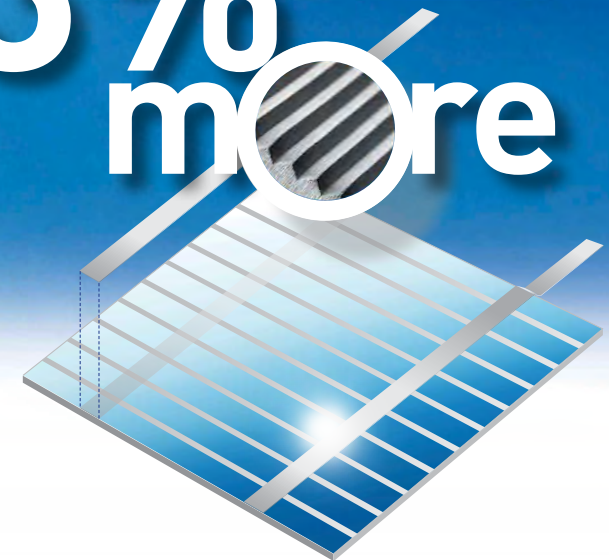
Adaptable

Available

+ it is gentle
to your cells

LHS[®] SELECT

3%
more



LHS[®] SELECT
Made by Schlenk

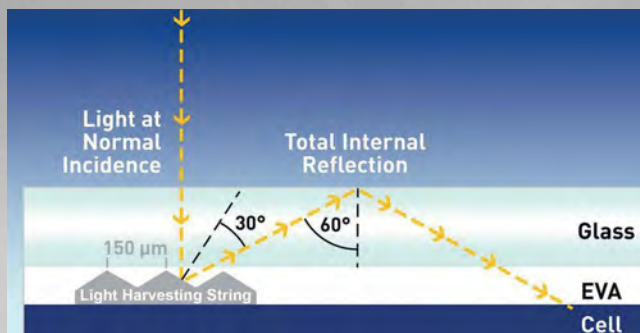
→ Product

LHS® SELECT is a roll-clad copper strip silvered on both sides and selectively pre-tinned. There are grooves precisely embossed length-wise into the strip. Much as conventional wires used today, LHS connects the top and back sides of adjoining cells.

→ Function

The grooves in the surface of LHS® Light Harvesting String reflect the incoming light back towards the glass/air interface resulting in a total reflection of light which is thrown back onto the surface of the cell.

Consequently the light „captures“ within the module can be used to generate additional electricity.

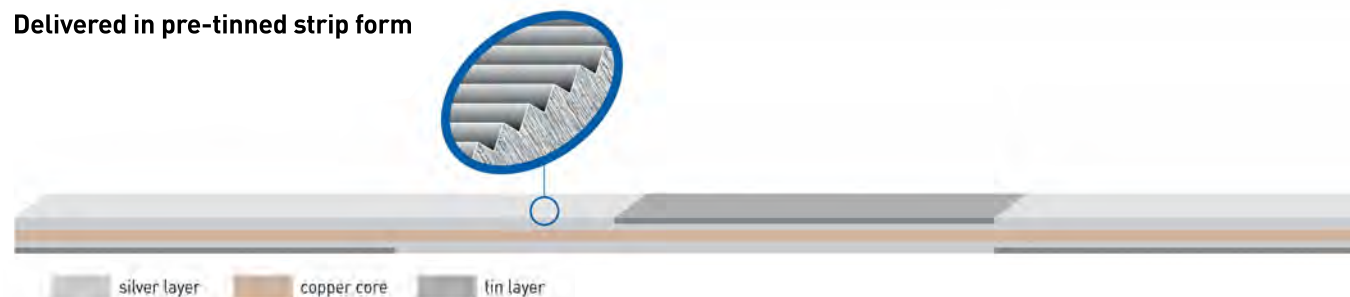


→ Performance

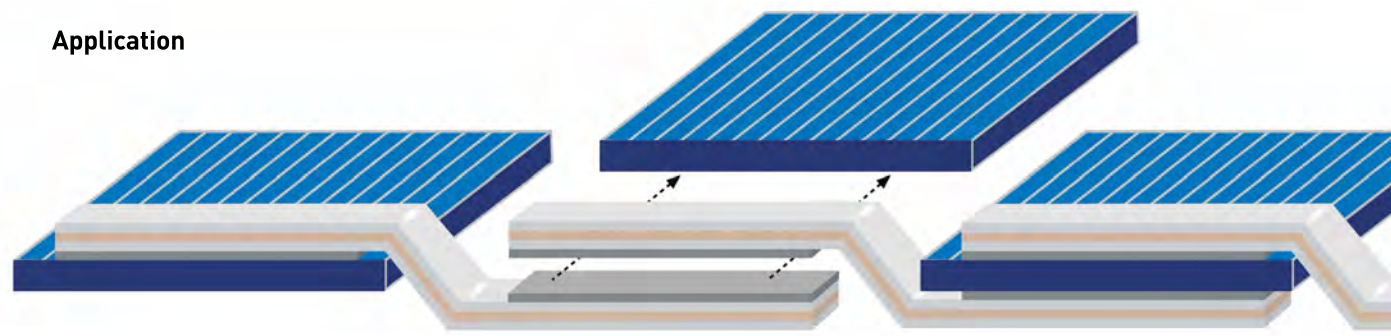
Conventional ribbons block sunlight active cell area. **Up to 80% of this blocked sunlight can be regained by using LHS®.**

The structures surface of the silver clad strip allows sunlight to be reflected in a precisely defined angle, **which will lead to an efficiency gain of up to 3%.**

Delivered in pre-tinned strip form



Application



→ ready to use:

LHS® SELECT is pre-tinned in areas where connections to the cells are to be made. Thus conventional stringing equipment can be used.

→ available:

LHS® SELECT is available with individual tin-pad patterns, different solder types and overall dimensions.

→ gentle to your cells:

The thickness of the connector is reduced in the critical transition from front to back side.

→ electrical performance:

As silver is an excellent conductor, LHS® connectors will show lower resistance values than standard connectors of the same dimension.