



LHS SELECT
Made by Schlenk

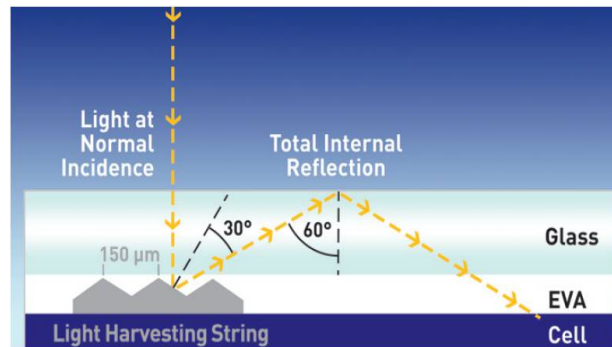
→ Product

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 "captured" within the module can be used to generate additional electricity.



→ Performance

Conventional ribbons block sunlight by covering active cell area.

Up to 80% of this blocked sunlight can be regained by using LHS.

The structured surface of the silver clad strip allows sunlight to be reflected in a precisely defined angle, which will lead to an efficiency gain up to 2%.



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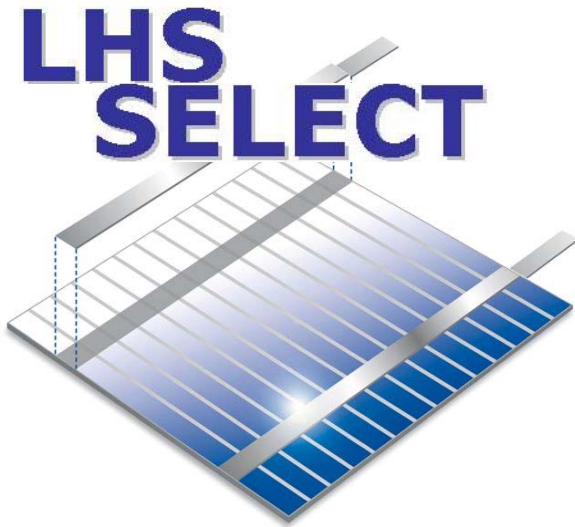
Our pre-tinned solution

Is rated as: **A**ffordable

Adaptable

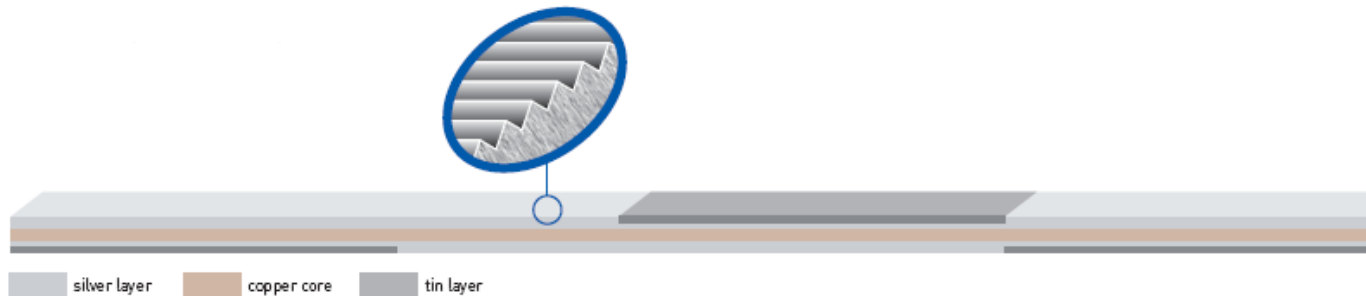
Available

+ it is gentle to your cells

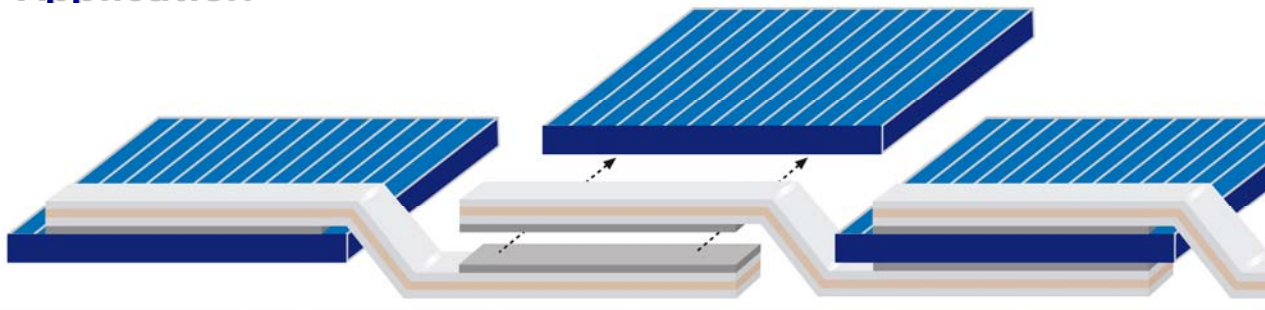


Our pre-tinned solution

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.

→ gentle to your cells:

This thickness of the connector is reduced in the critical transition from front to back side. This reduces stress on the cell itself.

→ available:

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

→ electrical performance:

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

→ Summary

- module efficiency increased up to 2 % depending on module / 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

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