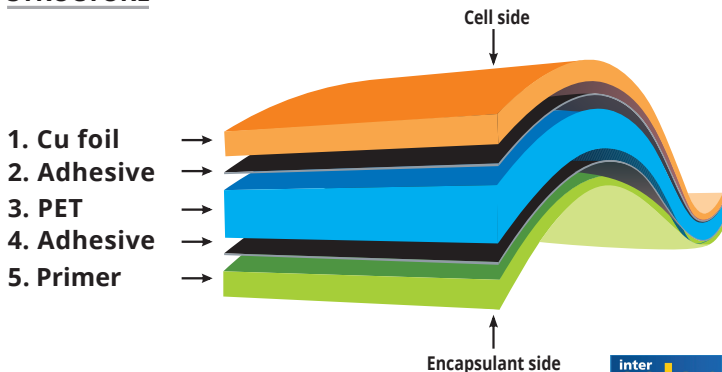


PRESERV CR - 150 KN

'PRESERV CR - 150 KN' is a specially designed black Carrier Sheet for PV modules made using Back-Contact cells. This Carrier Sheet has a Copper Foil layer (Cu), which is patterned before the module manufacturing process to provide back contact with cells. A Polyester layer to provide insulation between cells and glass and a special priming layer to bond the Carrier layer with the Encapsulant, opposite to the cell side.

STRUCTURE



PROPERTIES

Particulars	Test Method	Unit	Description	Values
Thickness	Micrometre	µm		250 ± 7%
Width	Scale	mm		Up to 1250
Tensile Strength @ max load	ASTM D 882	Mpa	MD TD	≥ 100 ≥ 100
Elongation @ break	ASTM D 883	%	MD TD	≥ 90 ≥ 90
Heat Shrinkage @ 150°C, 30 min.	ASTM D 1204	%	MD TD	≤ 1.5 ≤ 0.5
Interlayer Adhesion Strength	ASTM D 903	N/cm	PRIMER/PET PET/Cu FOIL	≥ 5 ≥ 5
Adhesion Strength with Encapsulant	ASTM D 903	N/cm	PRIMER / EVA	≥ 100
System Voltage @ 150 µm DTI	IEC 62788	VDC		≥ 1000

Width: Up to 1000 mm - all sizes available. Sizes >1000 mm - make to order

PACKING:

Unless specified, below is the standard packing of 'PRESERV'
Length / Roll : 100 metres | # No of Rolls/Pallet : 9 or 12 |
Total Linear Metres/Pallet : 900 or 1200
Each roll is sealed in a protective bag in a corrugated box
Boxes are strapped on suitable pallets

Note :

The above technical information represents the typical range of properties and is believed to be correct as on date. This data should however not be used to establish specification limits or used as basis for design. RenewSys gives no warranty and assumes no liability in connection with any use of this information and is subject to the RenewSys general terms and conditions.