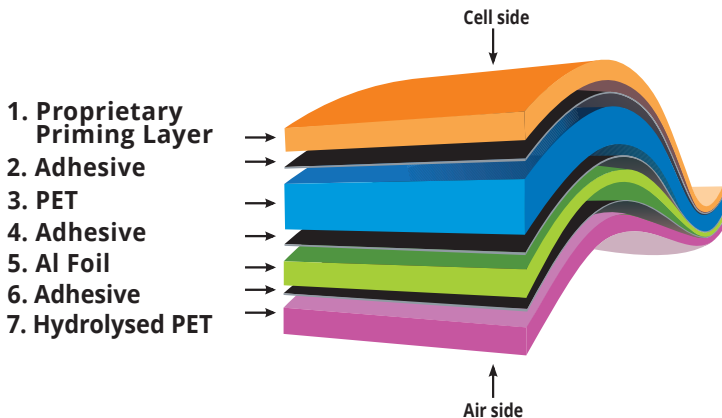


## PRESERV AL - 150 KN

'PRESERV AL - 150 KN' is a Polyester and Aluminum foil based, UV and weather stable Backsheet with air side white and cell side black appearance. 'PRESERV AL - 150 KN' has been specially designed for moisture-sensitive high efficiency Crystalline, HIT and Thin-Film PV modules.

### STRUCTURE



## PROPERTIES

Particulars	Test Method	Unit	Description	Values
Thickness	Micrometre	µm		353
Width	Scale	mm		Up to 1250
Tensile Strength @ max load	ASTM D 882	Mpa	MD TD	>100 > 100
Elongation @ break	ASTM D 882	%	MD TD	> 100 > 90
Thermal Shrinkage @ 150°C, 30 min.	ASTM D 1204	%	MD TD	< 0.50 < 0.50
Interlayer Adhesion Strength	ASTM D 903	N/cm	HPET/AL Foil AL Foil/PET PET/PRIMER	> 5 > 5 > 5
Adhesion Strength with Encapsulant	ASTM D 903	N/cm	Backsheet / EVA	> 70
WVTR	ASTM F 1249	g/(m <sup>2</sup> - day)		0
Dielectric Strength	ASTM D 149	kV		>20
Partial Discharge	IEC-61730-2	VDC		>1000
**Relative Thermal Index	UL 746B	°C		125

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

\*\* Derived from Hydrolysed PET

### 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.