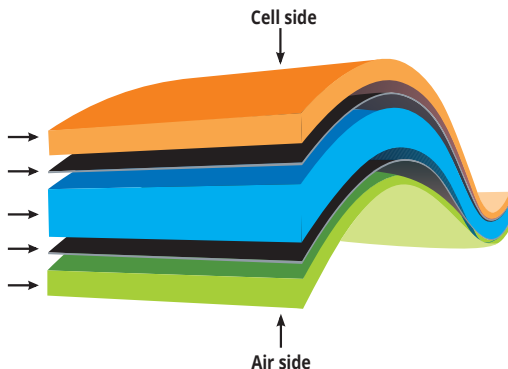


## PRESERV AL - WN

'PRESERV AL - 150 WN' is a Non-Fluoro and Al foil based, UV and weather stable Backsheet, specially designed for PV modules with Back contact cells.

### STRUCTURE

1. Al Foil
2. Adhesive
3. PET
4. Adhesive
5. HPET



## **PROPERTIES - PRESERV AL - 150 WN**

<b>Particulars</b>	<b>Test Method</b>	<b>Unit</b>	<b>Description</b>	<b>Values</b>
Thickness	Micrometre	µm		360
Width	Scale	mm		Up to 1250
Tensile Strength @ max load	ASTM D 882	MPa	MD TD	≥ 90 ≥ 90
Elongation @ break	ASTM D 882	%	MD TD	≥ 90 ≥ 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/PET PET/AL FOIL	> 5 > 5
Adhesion Strength with Encapsulant	ASTM D 903	N/cm	AL FOIL / EVA	> 70
System Voltage	IEC 61730 - 1	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: 180 or 230 metres | # No. of Rolls/Pallet: 9
  - # Total Linear Metres/Pallet: 1620 or 2070
  - # Each roll is sealed in a protective bag
  - # 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. However, this data should not be used to establish specification limits or used as basis for design. Lamination parameters and Quality of other components of the laminate during module manufacturing impact on the overall performance of the module, and hence we recommend the user to carry out intensive trials to test suitability of this product and module laminating conditions. RenewSys gives no warranty and assumes no liability on connection with any use of this information and is subject to the RenewSys general terms and conditions.

inter  
**solar  
award**

2018  
**Finalist**

CONSERV®  
E 360 - POE  
Encapsulant

AL - WN - 01/2021/1