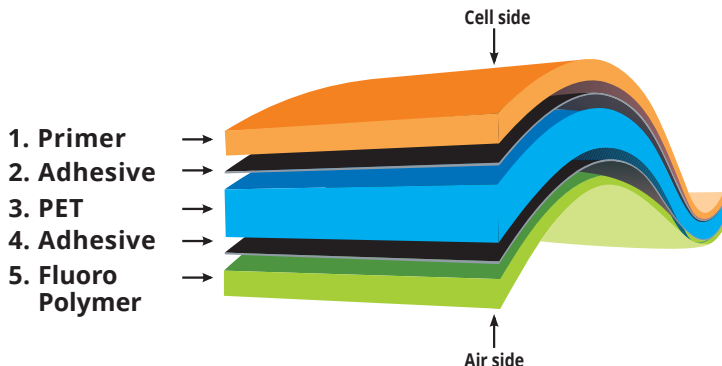


## PRESERV 1 - 300 WD

'PRESERV 1 - 300 WD' is a Fluoro based, UV and weather stable white Backsheet suitable for PV modules with 1500V system voltage. The extremely low moisture permission of this Backsheet makes it highly suitable for PV modules meant for tropical climatic conditions.

### STRUCTURE



## PROPERTIES

Particulars	Test Method	Unit	Description	Values
Thickness	Micrometre	$\mu\text{m}$		$395 \pm 7\%$
Width	Scale	mm		Up to 1250
Tensile Strength @ max load	ASTM D 882	Mpa	MD TD	$\geq 100$ $\geq 100$
Elongation @ break	ASTM D 883	%	MD TD	$\geq 90$ $\geq 90$
Heat Shrinkage @ $150^{\circ}\text{C}$ , 30 min.	ASTM D 1204	%	MD TD	$\leq 1.5$ $\leq 0.5$
Interlayer Adhesion Strength	ASTM D 903	N/cm	PVDF/PET PET/PRIMER	$\geq 5$ $\geq 5$
Adhesion Strength with Encapsulant	ASTM D 903	N/cm	Backsheet / EVA	$\geq 100$
Moisture Barrier- MVTR @ $38^{\circ}\text{C}$ , 90% RH	ASTM D 903	$\text{g}/(\text{m}^2 - \text{day})$		$\leq 1.6$
System Voltage @ 300 $\mu\text{m}$ DTI	IEC 62788	VDC		1500

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.