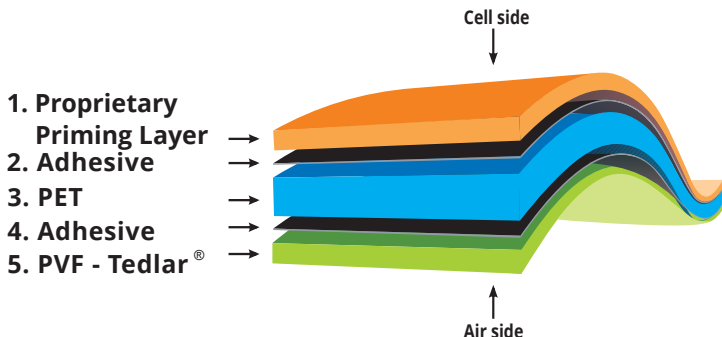


PRESERV 1 - V

'PRESERV 1 - V' is a Fluoro based, UV and weather stable white Backsheet. PRESERV 1 - 225 WV, 190 WV, 150 WV can be used for all Crystalline and many Thin-Film PV modules.

STRUCTURE



PROPERTIES

Particulars	Test Method	Unit	Description	PRESERV 1-225 WV	PRESERV 1-190 WV	PRESERV 1-150 WV
Thickness	Micrometre	µm		370	335	300
Width	Scale	mm		Up to 1250	Up to 1250	Up to 1250
Tensile Strength @ max load	ASTM D 882	Mpa	MD TD	≥100 ≥115	≥100 ≥100	≥100 ≥100
Elongation @ break	ASTM D 882	%	MD TD	>115 >100	>115 >100	>115 >100
Thermal Shrinkage @ 150°C, 30 min.	ASTM D 1204	%	MD TD	<1.5 <0.5	<1.5 <0.5	<1.5 <0.5
Interlayer Adhesion Strength	ASTM D 903	N/cm	PVF/PET PET/PRIMER	>5 >5	>5 >5	>5 >5
Adhesion Strength with Encapsulant	ASTM D 903	N/cm	Backsheet/ EVA	>70	>70	>70
Moisture Barrier - MVTR @ 38°C, 90% RH	ASTM F 1249	g/(m ² -day)		<1.5	<1.6	<1.7
Dielectric Strength	ASTM D 149	kV		24	22	22
Partial Discharge	IEC-61730-2	VDC		1000	1000	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.