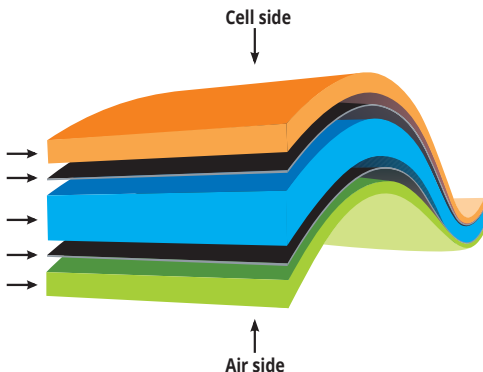


PRESERV 1 - 150 TF

'PRESERV 1 - 150 TF' is a Fluoro based, UV and weather stable transparent Backsheet. 'PRESERV 1 - 150 TF' can be used for all crystalline PV modules, specially for BIPV and Bifacial.

STRUCTURE

1. Priming Layer
2. Adhesive
3. PET
4. Adhesive
5. Fluoro Polymer



PROPERTIES

Particulars	Test Method	Unit	Description	Values
Thickness	Micrometre	µm		300
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	<1.5 <0.5
Interlayer Adhesion Strength	ASTM D 903	N/cm	HPET/PET PET/PRIMER	>5 >5
Adhesion Strength with Encapsulant	ASTM D 903	N/cm	Backsheet / EVA	>70
Moisture Barrier - MVTR @ 38°C, 90% RH	ASTM F 1249	g/(m ² - day)		<2
Dielectric Strength	ASTM F 149	kV		20
System Voltage @150 µm DTI	IEC-62700	VDC		1000
Optical Transmittance	ASTME-424	%		90±2

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.