

BACKSHEET

Model: 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.

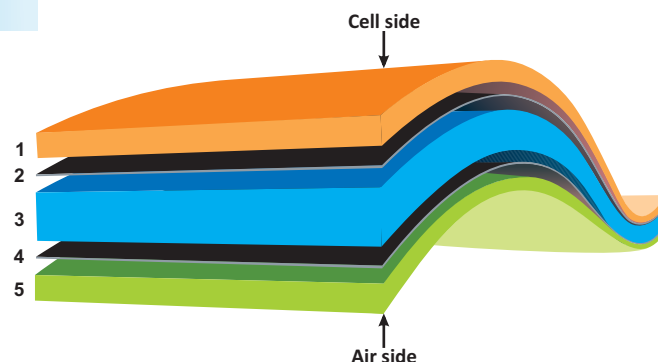


PROPERTIES					
S.N	Particulars	Test Method	Unit	Description	PRESERV 1-150 TF
1	Thickness	Micrometer	µm		300
2	Width	Scale	mm		Up to 1250
3	Tensile Strength @ max load	ASTM D 882	MPa	MD	100
				TD	100
4	Elongation @ break	ASTM D 882	%	MD	>100
				TD	>90
5	Thermal Shrinkage @ 150°C - 30 min	ASTM D 1204	%	MD	<1.5
				TD	<0.5
6	Interlayer Adhesion Strength	ASTM D 903	N/cm	HPET/PET	>5
				PET/Primer	>5
7	Adhesion Strength with EVA	ASTM D 903	N/cm	Backsheet/EVA	>70
8	Moisture Barrier @ 38°C - 90% RH	ASTM F 1249	g/(m ² -day)		<2
9	Dielectric Strength	ASTM F 149	kV		20
10	System Voltage @150µm DTI	IEC-62700	VDC		1000
11	Optical Transmittance	ASTME-424	%		90±2

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

Construction

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



APPROVALS: UL Certified. Refer file No. E353124.

PACKING: Unless specified, below is the standard packing of 'PRESERV'
 # Length/Roll: 100 meters | # No of Rolls/Pallet: 9 or 12 | # Total Linear Meters/Pallet: 900 or 1200
 # Each roll is sealed in a protective bag in a corrugated box
 # Boxes are strapped on suitable pallets



Note: 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 & conditions.

Bengaluru: +91-80-33671400 ❖ Mumbai: +91-22-30040500
 www.renewsysworld.com ❖ renewsys@renewsysindia.com