

## BACKSHEET

### Model: PRESERV A-125 WN1

PRESERV A-125 WN1 is a Non Fluoro based UV and weather stable white backsheet, designed uniquely to have thermally integrated inseparable layers of PET along with a high bonding primer layer. This Backsheet has improved resistance to scratch & delamination. The PRESERV A-125 WN1 can be used for all Crystalline PV modules

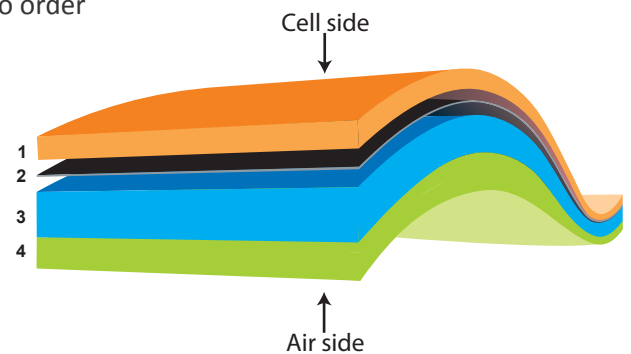


PROPERTIES					
S.N	Particulars	Test Method	Unit	Description	Values
1	Thickness	Micrometer	µm		300 ± 5%
2	Width	Scale	mm		Up to 1250
3	Tensile Strength @ max load	ASTM D 882	MPa	MD	≥ 100
				TD	≥ 100
4	Elongation @ break	ASTM D 882	%	MD	≥ 100
				TD	≥ 90
5	Thermal Shrinkage@150°C, 30 min.	ASTM D 1204	%	MD	≤ 1.5
				TD	≤ 0.5
6	Interlayer Adhesion Strength	ASTM D 903	N/cm	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 <sup>2</sup> -day)		≤ 2.0
9	System Voltage @ 150 µm DTI	IEC 62788	VDC		≥ 1000
10	Comparative Tracking Index (CTI)	IEC 60112	V		600

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

### Construction

1. High bonding Proprietary Priming Layer
2. Adhesive
3. PET
4. HPET



**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: 16 | # Total Linear Meters/Pallet: 1600  
 # Each roll is sealed in a protective bag



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 the 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.