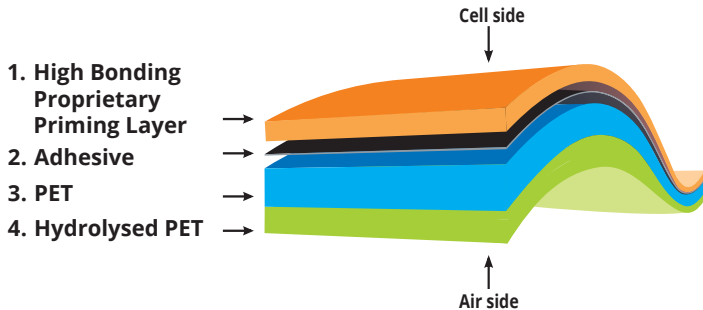


PRESERV A - WN1

'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 an improved resistance to scratch and delamination. PRESERV A 125 WN1 can be used for all Crystalline PV Modules.

STRUCTURE



PROPERTIES - PRESERV A 125 WN1

Particulars	Test Method	Unit	Description	Values
Thickness	Micrometre	µm		300
Width	Scale	mm		Up to 1310
Tensile Strength @ max load	ASTM D 882	MPa	MD TD	≥ 90 ≥ 90
Elongation @ break	ASTM D 882	%	MD TD	≥ 90 ≥ 90
Thermal Shrinkage @ 150°C, 30 min.	ASTM D 1204	%	MD TD	≤ 1.5 ≤ 0.5
Interlayer Adhesion Strength	ASTM D 903	N/cm	PET/PRIMER	≥ 5
Adhesion Strength with Encapsulant	ASTM D 903	N/cm	Backsheet / EVA	≥ 100
Moisture Barrier - MVTR @ 38°C, 90% RH	ASTM F 1249	g/(m ² -day)		≤ 2.0
System Voltage	IEC 61730 - 1	VDC		≥ 1000
Comparative Tracking Index (CTI)	IEC 60112	V		600

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

PRESERV A - WN1



Packing Unless specified, below is the standard packing of 'PRESERV'

- # Length/Roll: 180 or 230 metres | # No. of Rolls/Pallet: 9
- # Total Linear Metres/Pallet: 1620 or 2070
- # Each roll is wrapped with polyethylene sheet
- # Rolls are palletize vertically placed with top and bottom lid
- # No. of joints/supply: 70% Rolls will be joint-free of 180 LM, however, balance 30% rolls will be with varied joint-free length between 50 LM-180 LM

Note : The above technical information represents the typical range of properties and is believed to be correct as on date. However, this data should not be used to establish specification limits or used as basis for design. Lamination parameters and Quality of other components of the laminate during module manufacturing impact on the overall performance of the module, and hence we recommend the user to carry out intensive trials to test suitability of this product and module laminating conditions. RenewSys gives no warranty and assumes no liability on connection with any use of this information and is subject to the RenewSys general terms and conditions.



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Encapsulant

A - WN1 - 10/2021/1