



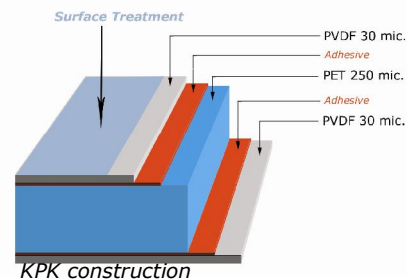
DuraShield™ PV Backsheet PVDF/PET/PVDF Laminate



Item No.: P3101PV
Product Group: Industrial Films – Photovoltaic Backsheet Applications

Description: 320 μ laminate of PVDF/PET/PVDF Kynar based film, with adhesion promoting surface treatment

- Benefits:**
- Economical alternative to PVF constructions
 - Exceptional adhesion to EVA encapsulant
 - High electrical insulation
 - High weatherability
 - Dimensionally stable
 - Recyclable



- Options**
- Colored PVDF Film
 - Alternative surface coating
 - Different thicknesses of PET film

Product specifications:

P3101PV				
	Total Laminate		Metric Unit / US Unit	Test Methods
Appearance	White		-	-
Thickness	325 12.8		micron mil	Thwing-Albert thickness tester
Area Yield	2.13 10.4		m ² /kg ft ² /lb	Internal
Tensile Strength	MD 180 26.1	TD 200 29.0	Mpa Kpsi	ASTM D-882
Elongation at Break	MD 200	TD 150	%	ASTM D-882
Shrinkage (MD/TD)	<1		%	After 30 minutes at 150°C
Interlayer Peel Strength PVDF / PET layers	≥5 ≥1270		N/cm g/in	180° peel
EVA Peel Strength	>40 >10160		N/cm g/in	Internal
Partial Discharge Test	>1000		VDC	IEC 60664-1
MVTR	<2.2		g/m ² X day	100%RH @ 38°C



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