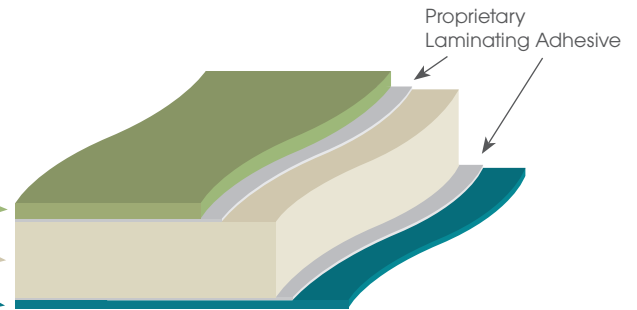


FPE-13M (PVDF / PET / EVA Primer)

- > 13 mil thickness
- > Fluoropolymer based backsheet
- > Enhanced weatherability
- > EVA primer for improved bond strength

THICKNESS

- 50 μm EVA Primer
- 250 μm PET
- 25 μm PVDF



PROPERTIES	METHOD	UNIT	VALUE
Laminate Thickness		μm	$345 \pm 5\%$
Weight		g/m^2	$460 \pm 5\%$
Tensile Strength (MD)	ASTM D882	MPa	157
Tensile Strength (TD)	ASTM D882	MPa	186
Elongation at Break (MD)	ASTM D882	%	245
Elongation at Break (TD)	ASTM D882	%	150
Dimensional Stability (MD)	ASTM D1204	%	0.9
Dimensional Stability (TD)	ASTM D1204	%	0.3
Interlayer Peel Strength (PET/PVDF)	ASTM D1876	N/cm	6.6
Encapsulant Peel Strength	ASTM D1876	N/cm	>92*
MVTR (37.8°C / 100% RH)	ASTM F1249	$\text{g}/\text{m}^2\text{day}$	2.4
Breakdown Voltage	ASTM D149	kV	21
Maximum System Voltage	IEC 60664-1	VDC	>1000

* Exceeds maximum force of peel tester



- The data above are based on both internal and third party testing. They are representative and are provided for comparison purposes only.
- Other thicknesses are available upon request.

Commonwealth Laminating & Coating, Inc. (CLC) is a world-class manufacturer of high performance, precision coatings on flexible film substrates and laminates. With a core competence in materials science, CLC offers unique and innovative solutions for the renewable energy products industry.

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