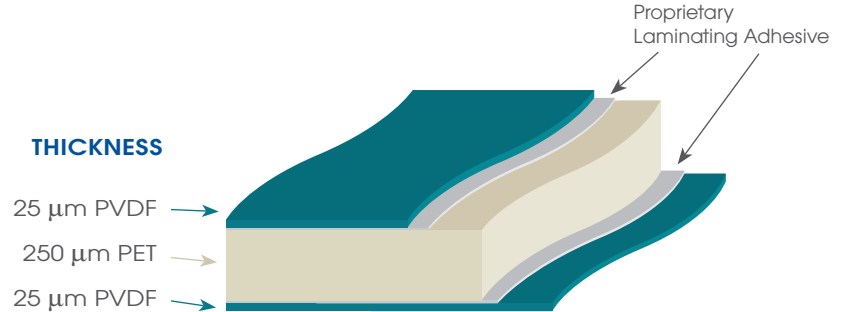


FPF-12M (PVDF / PET / PVDF)

- > 12 mil thickness
- > Fluoropolymer based backsheet
- > Superior weatherability
- > Corona treated both sides



PROPERTIES	METHOD	UNIT	VALUE
Laminate Thickness		µm	320 ± 5%
Weight		g/m ²	450 ± 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	ASTM D1876	N/cm	6.1
Encapsulant Peel Strength	ASTM D1876	N/cm	40
MVTR (37.8°C / 100% RH)	ASTM F1249	g/m ² day	2.5
Breakdown Voltage	ASTM D149	kV	22
Maximum System Voltage	IEC 60664-1	VDC	>1000

- 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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