

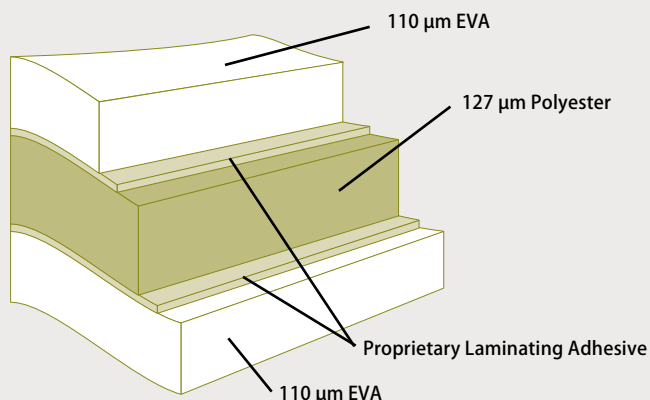
# InsulPatch® HD Datasheet

Laminates for PV Electrical Insulating Applications

## MATERIAL COMPOSITION

TEST:	RESULTS:
Thickness*	357 µm
Width Range	25 - 1700 mm
Weight	670 g/m <sup>2</sup>
Density	1.18 g/cm <sup>3</sup>
EVA Colors	All

EVA / PET / EVA



## TECHNICAL CHARACTERISTICS

TEST:	TEST SPECIFICATION(S):	RESULTS:
Tensile Strength at Break (MD/TD)	Internal Testing – Data Available	90 MPa (MD) / 100 MPa (TD)
Elongation at Break (MD/TD)	Internal Testing – Data Available	180% (MD) / 130% (TD)
EVA Peel Strength from Encapsulant	Internal Testing – Data Available	≥ 40 N/cm
Relative Thermal Index (RTI)	Suitable for continuous use at 85°C	105°C

## ELECTRICAL INSULATION TESTING PERFORMANCE

TEST:	TEST SPECIFICATION(S):	RESULTS:
Partial Discharge	IEC 60664-1	≥ 1000 VDC

\*Theoretical nominal

This product is covered by one or more U.S. patents and pending U.S. and other patent applications. Please see [www.madico.com/patents](http://www.madico.com/patents) Typical Data – Not Specification © 2014 Madico, Inc.

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