

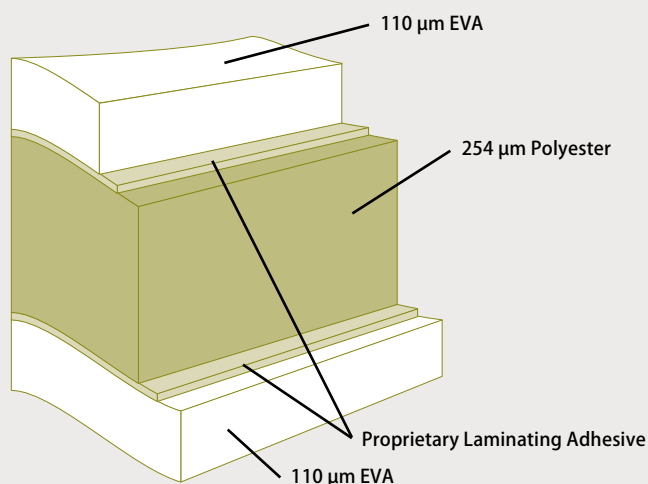
InsulPatch® SHD Datasheet

Laminates for PV Electrical Insulating Applications

MATERIAL COMPOSITION

TEST:	RESULTS:
Thickness*	484 μm
Width Range	25 - 1700 mm
Weight	1000 g/m ²
Density	1.18 g/cm ³
EVA Colors	All

EVA / PET / EVA



TECHNICAL CHARACTERISTICS

TEST:	TEST SPECIFICATION(S):	RESULTS:
Tensile Strength at Break (MD/TD)	Internal Testing – Data Available	100 MPa (MD) / 120 MPa (TD)
Elongation at Break (MD/TD)	Internal Testing – Data Available	175% (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 Typical Data – Not Specification © 2014 Madico, Inc.

Madico PhotoVoltaic Backsheets
64 Industrial Parkway
Woburn MA, 01801
USA

Phone: 1-800-633-0140
Fax: 1-781-935-6841
Email: InfoSF@madico.com
www.madicopv.com

V0851 R07

PV BACKSHEETS