

**PHOTOVOLTAIC**

**ACCESSORY FOR PV MODULE PROTECTION**

**Multilayer component made of EVA//PET//EVA**

It is designed to be used as electrical insulator in between ribbons and bus bars in PV module fabrication. The material has a perfect bonding with both encapsulation EVA and whichever backsheet, thanks to its structure with a double layer of EVA.

	<b>Unit</b>	<b>Method</b>	<b>Typical values</b>
PET thickness, inner layer	micron	caliper	125
EVA thickness, out layers	micron	caliper	2x100
Laminate thickness	micron	caliper	350 +/- 5%
Unit weight	gr/sqm	10x10 weight	390 +/- 5%
Tensile strength (MD)	N/10 mm	ASTM D-882	180
Tensile strength (TD)	N/10 mm	ASTM D-882	220
Elongation at break (MD)	%	ASTM D-882	140
Elongation at break (TD)	%	ASTM D-882	115
Layer peel strenght	N/10 mm	T - peel (peak value)	> 5
EVA adhesion (primer coated side vs EVA)	N/10 mm	internal	> 40
Breakdown voltage	kV	ASTM D-149	> 15

**Notes**

Standard PET thickness 125µ. Other thickness available on request (50µ, 75µ, 175µ and 250µ)

The product is supplied in 48m rolls x25mm on 3" core within a width range of 20mm - 120mm

EVA colours available: White, black and blue. Other colours available upon request

**Shelf life: 2 years**

All values stated are to be considered as Typical values.

The above information is liable to change due to innovation and improvement in the manufacturing process.

We assume no liability for any infringement of any patent, copyright or design on the part of the customer while exploiting the film for different end-uses.

Date of revision: April 2010

dyMat® is TÜV certified and UL recognized



UL file n° E313506



dyMat® is a Coveme registered trade mark

Coveme spa is UNI EN ISO 9001-2008 certified

