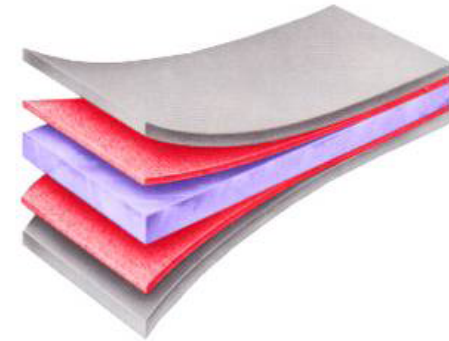


B stage resin saturated nonwoven

*Adhesive
PET film
Adhesive*



FILMTERM PREG DMD

B stage resin saturated nonwoven

Technical Specifications :

THE FILMTERM family consists of a tough, high performance F class (155°C) flexible laminate for electrical insulation system in accordance with A.S.T.M.D- 1830.

FILMTERM laminates are manufactured with a special glue which can be used at very high temperatures in F and H thermal class.

Main characteristics are :

FILMTERM PREG DMD is a three layer laminate , manufactured by double lamination of nonwoven (**thickness 50 microns**) fully saturated by **H class resin B stage (not fully cured)** and PET film (thickness from 23 microns to 350 microns).

Resin content : 34 g/sqm

Bonding strength after polymerization : 70 Newton

Dedicated to innerlayers insulations of cast resin transformers

and as Insulation tube between LV and HV coil for thickness 0,48 mm

The FILMTERM adhesive system is totally solvent free. It is a high temperature, thermosetting, highly crosslinked, copolymer system.



PROPERTIES *	Film thickness	Total Thickness	Yield	Weight	Breaking Strength	Elongation	Breakdown Voltage
Unit	micron	mm	m ² /kg	g/m ²	N/10 mm	%	Kv/mm
Tolerance	± 10%	± 10%	± 10%	± 10%	min	min	min
	36	0,125	8	125	70	15	5
	50	0,15	6,89	145	90	15	7
	75	0,18	5,52	181	105	15	8
	100	0,20	4,6	217	120	15	10

* In accordance with IEC 626

Curing temperature of the resin after interlaying : 140°C

Storage conditions : 9 months at about 20°C

Delivery : We can supply our materials in **full-width rolls up to 1800 mm**, in slit rolls, sheets, in die cut parts, in thermoformed parts and tapes.

