

FILMTERM NMN5

Aramid paper

Adhesive

PET film

Adhesive



Aramid paper

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 NMN5 is a three layer laminate, manufactured by double lamination of Aramid paper (thickness 50 microns) for the outer layers and PET film (thickness from 50 microns to 350 microns) for the inner layer.

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
	50	0,17	6,66	150	90	15	6
	75	0,19	5,40	185	105	15	11
	100	0,22	4,55	219	120	15	12
	125	0,24	3,90	256	150	20	14
	190	0,31	2,85	350	200	20	19
	250	0,37	2,30	434	300	20	23
	300	0,42	2	500	320	20	28
	350	0,47	1,75	571	350	20	28

In accordance with IEC 626

DELIVERY : We can supply our materials in full-width rolls, in slit rolls, in sheets, in die cut parts, in thermoformed parts and tapes.