



FILMTERM NM5

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 NM5 is a two layer laminate, manufactured by lamination of Aramid paper (thickness 50 microns) and PET film (thickness from 50 microns to 350 microns).

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
	75	0,13	6,75	148	90	16	7
	100	0,16	5,30	190	100	15	9
	125	0,18	4,65	215	120	20	10
	190	0,25	3,26	306	200	20	15
	250	0,31	2,56	390	300	20	18
	300	0,35	2,17	460	320	19	20
	350	0,4	1,88	531	340	18	22

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.