



**TERCOTT "CF"
 FLEXIBLE INSULATING LAMINATE**

THERMAL CLASS B (130°C)

TERCOTT "CF" flexible insulation consists of a Polyester film (PETP), lined one side with Presspan 3040 paper with a thermally stable adhesive with a resin insulation of high thermal resistance . It is presented in an green colour.

This laminate can be easily inserted due to its great sliding powers. Excellent resistance to abrasion and breakage. It is ideal for the construction and repair of all windings that are subject to high mechanical dielectric of thermal resistance demands (slots and inter-phases).

TECHNICAL CHARACTERISTICS (Thickness 0.25 mm)

Dielectric breakdown NFC 26225 (KV).....	7.8
Dielectric constant 50 Hz 25°C ASTM 150-65.....	nc
Dissipation factor tg 50 Hz 25°C NFC 26230.....	nc
Specific reistance at 25°C NFC 26230 and NFC 26143	nc
FISHER JONES melting point (°C).....	>250
Softening point ASTM D 876-65 (°C)	>245
Continuous use temperature NFC 26205 (°C)	130
Discontinuous use temperature NFC 26205 (°C)	150
Minimum use temperature NFC 26205 (°C)	nc
Specific heat NF PRG 62011 and ASTM C 518 (cal/g.°C)	nc
Thermal conductivity NF PRG 62011 and ASTM C 518 (W/m°C)	nc
Linear expansion coefficient.30 to 50°C ASTM D 696-44 (mm/°C)	3.10 ⁻⁵
Lengthways breaking elongation NF 26143 (%).....	6
Tranverse breaking elongation NF 26143 (%)	2
30 min. Contraction, at 160°C (%)	1
Water absorption (%).....	nc

TOTAL THICKNESS	FILM GAUGE	GRAMMAGE	INSULATIO	PRESENTATION
REF. (mm)	(microns)	(grs/m ²)	(V)	
0.18+-10%	23	215+-10%	5200	148ml.x 980 mm
0.20+-10%	36	240+-10%	6700	148ml. x 980 mm
0.25+-10%	36	285+-10%	7800	148 ml x 980 mm
0.30+-10%	36	340+-10%	8900	123 ml x 980 mm
0.40+-10%	36	486+-10%	9900	92 ml x 980 mm

CUTTING

On demand can be supplied in rolls, formats or punch-pressed sections.

The cutting tolerance is: +0.2 -0.2 mm.

In those cases where the sum of the widths of the rolls is lower than the standard coil width, any shortage of over 20 mm will be coiled and supplied with rolls.

The standard interior diameter of the cardboard tubes is 70 mm.

La información que le ofrecemos es de carácter orientativo y como resultado de nuestros ensayos, pero sin asumir ninguna responsabilidad derivada de su aplicación.