

POLYESTER FILM FLEXIBLE INSULATION FILM

HEAT CLASS B (130°C)

POLYESTER FILM is a polyethylene terephthalate (PETP) film with excellent dielectric and mechanical properties. Good cold and heat resistance (-70°C to 150°C).

APPLICATIONS

Excellent for electrical insulation of motors and transformers (slot and interphase).

TECHNICAL CHARACTERISTICS

Thickness (microns)	23	36	50	75	100	125	190	250	350
Grammage (g/m ²)	32	50	70	105	142	174	265	349	480
Tensile strength (MPa) NF 26143 long.	200	220	200		190	190	190	190	190
Elongation at break (%) NF 26143 s. long.	130	130	130		140	150	150	190	210 240
shrinkage long. (%) 30 minutes. 150°C	1.5	2.0	1.5	1.3	1.3	1.3	1.3	1.3	1.3
Dielectric breakdown (KV) 6 NFC 26225		7	8.5	11	13	15,5	20	22	23

CUT

On request also available in rolls, formats or punched sections.

The cutting tolerance is: +0.2 –0.2 mm.

In those cases where the sum of the widths of the coils is smaller than the standard coil width, a shortfall of more than 20mm will be coiled and supplied with coils.

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