

Composition

Phlogopite mica tapes for fire-resistant wires & cables, a band-shaped electrical and thermal insulation material, consist of high heat-resistant Phlogopite mica paper bonded to supporting materials of non-alkaline glass fiber fabric, impregnated with high temperature resistant silicone resin.

Properties

Exceptional high dielectric strength Superior fire resistance High tensile strength Strong resistance to radiation, acid, and alkali Excellent flexibility

Application

Phlogopite mica tapes are an ideal solution for making fire resistant wires & cables. They have outstanding characteristics and are designed to meet the individual requirements of users in telecommunications, wires & cables industry.

Availability

Width: from 5-1000mm Length: 300m, 500m, 1000m, 2000m(Pad),3000-10000m(Spool) Standard cores: 76mm and 120mm (For other dimensions please contact us)

Technical Characteristics

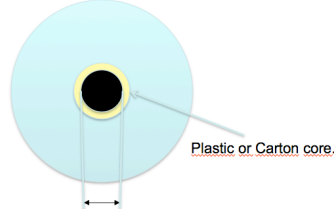
Type	E 80P24	E120P34
Nominal Thickness (mm)	0,10 +/- 0,02	0,125 + 0,03 – 0,01
Total Substance (g/m ²)	130 +/- 15	172 +/- 11
Mica Content (g/m ²)	80 +/- 5	120 +/- 5
Glass Content (g/m ²)	24 +/- 4	32 +/- 4
Bond Content (%)	14 +/- 3	14 +/- 3
Tensile Strength (N/cm)	>80	>120
Dielectric Strength (kV/Layer)	>1	>1,2

PACKAGING

Pad ID: 76 mm /152 mm OD: Max. 460 mm Foil Width: 10 mm up to 600 mm Core: Carton/Plastic

PAD DIMENSIONS (STANDARD)

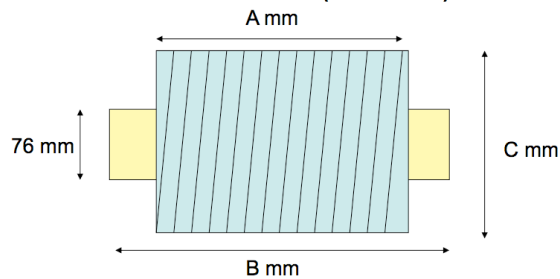
St. 430-460 mm / 500 mm (Max.)



ID: 76 mm (3 Inch.) or 152 mm (6 inc.)

Spool ID:76 mm OD: Max 500 mm Foil A= 290 mm max B= 300 mm Max C= 300 mm Max Foil
Width: Up to 40 mm Core: Carton

SPOOL DIMENSION (STANDARD)



Max Weight 26 Kg. Joint every 500 m approx.

Data are average results of laboratory tests conducted under standard procedures and are subject to variation. These do not constitute a warranty or representation for which we assume legal responsibility.