TECHNICAL DATA SHEET

PHLOGOPITE MICA TAPE – 28GSi

Mica Glass Backed Cable Tape for Fire Resistant security cables

COMPOSITION:

Phlogopite Mica Tape-28GSi is a **Standard Grade** of dry and flexible insulating tape consists of high quality heat resistant Phlogopite mica paper bonded to **innovative construction of alkali-free glass cloth** on one side, impregnated with high-resistant silicone resin

PROPERTIES:

- High Fire-Resistivity up to 1000°C and stable performance
- High-Speed taping without risk of yarning
- Outstanding electrical insulation properties in high temperatures
- Excelent Flexibility and Tensile Strength for high-speed application
- Free of halogens and toxic gases

APPLICATIONS:

Phlogopite Mica Tape-28GSi is used as insulation of Fire-Resistant security cables, which are tested according to required standards. The tape is applied around the conductors with the mica side on copper and provide a protection barrier to ensure function of cables in case of fire.

STORAGE:

Min. 12 months under standard storage conditions in original packing (20°C)

Type	Unit	FR90P28i	FR120P28i	FR160P28i
Thickness	mm	0.100 +/- 0,02	0.120 +/-0,02	0.150 +/-0,02
Weight of Tape	g/m2	135 +/- 10	171 +/- 11	206 +/- 11
Mica content	g/m2	90 +/- 5	125 +/- 5	160 +/- 5
Glass Content	g/m2	28 +/- 2	28 +/- 2	28 +/- 2
Binder content	g/m2	17 +/- 3	18 +/- 4	18 +/- 4
Breakdown Voltage	KV/Layer	≥ 1.0	≥ 1.2	≥ 1.5
Tensile Strength	N/10mm	≥100	≥100	≥100
Fire Grades	°C		Up to 1000 °C	

OR64 Calle A, 6-8, Poligono Industrial Can Bas, 08739 Lavern (Subirats)
Contact us at: or64@or64.com

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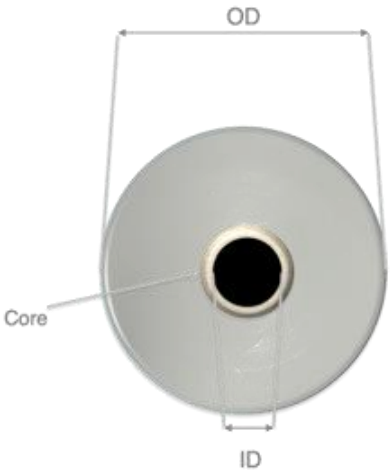
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AVAILABILITY:

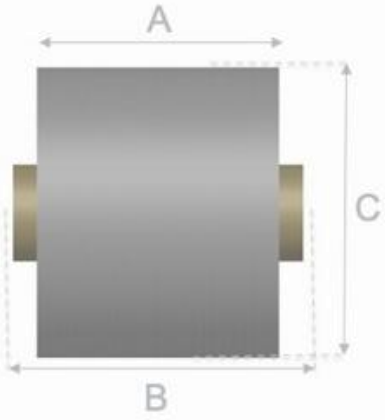
Pads/Rolls

Tape Width:	from 5mm up to 1000mm
Standard Cores ID:	76mm; 120mm (other dimensions on request)
Standard Pad OD:	80-600mm (other dimensions on request)
Core:	Plastic or carton



Traverse Wounded Spool (TWS) or Step to Step Spool (STS)

Tape Width:	from 4mm
Standard Cores ID:	76mm
Standard Spool OD	C = up to 300mm
Standard Spool Width	A = up to 300mm
Core:	Plastic or carton



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