

# PHLOGOPITE MICA TAPE – 28GS

Mica Glass Backed Cable Tape for Fire Resistant security cables



## COMPOSITION:

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

## PROPERTIES:

- High Fire-Resistivity up to 1000°C and stable performance
- 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-28GS 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	FR90P28	FR120P28	FR160P28
Thickness	mm	0.100 +/- 0,02	0.120 +/-0,02	0.150 +/-0,02
Weight of Tape	g/m <sup>2</sup>	135 +/- 10	171 +/- 11	206 +/- 11
Mica content	g/m <sup>2</sup>	90 +/- 5	125 +/- 5	160 +/- 5
Glass Content	g/m <sup>2</sup>	28 +/- 2	28 +/- 2	28 +/- 2
Binder content	g/m <sup>2</sup>	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		

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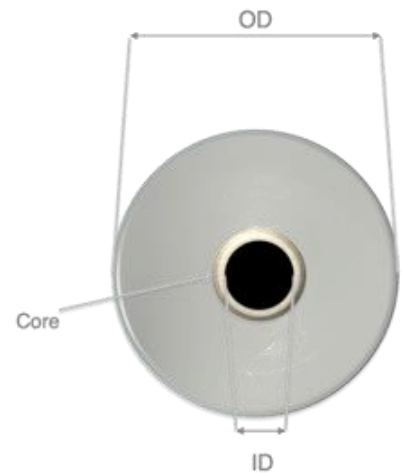
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## AVAILABILITY:

### 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

