

# MUSCOVITE MICA TAPE – 28GS

Mica Glass Backed Cable Tape for Fire Resistant security cables



## COMPOSITION:

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

## PROPERTIES:

- High Fire-Resistivity up to 750 - 950°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:

Muscovite 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	FR80M28
Thickness	mm	0.110 +/- 0,02
Weight of Tape	g/m <sup>2</sup>	128 +/- 15
Mica content	g/m <sup>2</sup>	80 +/- 5
Glass Content	g/m <sup>2</sup>	28 +/- 2
Binder content	g/m <sup>2</sup>	20 +/- 3
Breakdown Voltage	KV/Layer	≥ 1.3
Tensile Strength	N/10mm	≥ 100
Fire Grades	°C	750 - 950 °C

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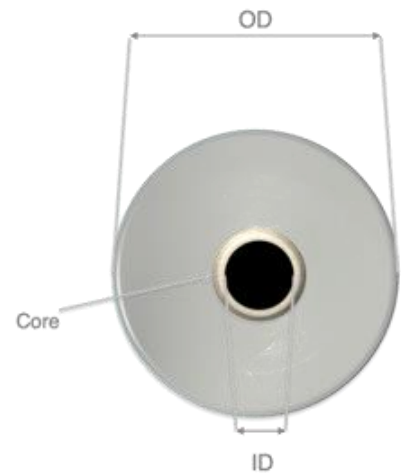
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## AVAILABILITY:

### 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

