TECHNICAL DATA SHEET

# MUSCOVITE MICA TAPE – 28GSi

Mica Glass Backed Cable Tape for Fire Resistant security cables

**COMPOSITION:**

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

**PROPERTIES:**

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

Muscovite 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 | FR80M28i |
|---|---|---|
| Thickness | mm | 0.110 +/- 0,02 |
| Weight of Tape | g/m2 | 128 +/- 15 |
| Mica content | g/m2 | 80 +/- 5 |
| Glass Content | g/m2 | 28 +/- 2 |
| Binder content | g/m2 | 20 +/- 3 |
| Breakdown Voltage | KV/Layer | ≥ 1.3 |
| Tensile Strength | N/10mm | ≥ 100 |
| Fire Grades | °C | 750 - 950 °C |


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

TECHNICAL DATA SHEET

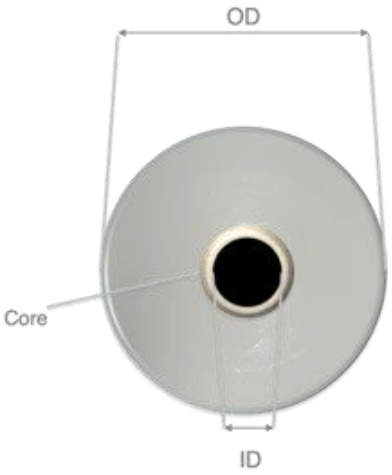
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**AVAILABILITY:**

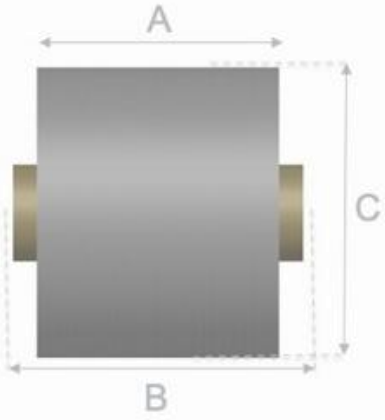
**Pads/Rolls**

| | |
|---|---|
| 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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