

Glass Mica Tape

[For Fire Survival Cable]

Glass Mica Tapes consist of high grade re constituted phlogopite / muscovite mica paper with E low alkali fibreglass fabric as a carrier material bonded with specialized silicone varnish to make it a very flexible insulator. It is asbestos free, non-combustible, nontoxic and halogen free.

Application

The unique characteristics of mica tapes, that act like a fire barrier in core insulation on copper wire makes it ideal for use in power cables, signal cables and high frequency cables in various industries like offshore oil rigs, multi-storey buildings, power stations, industrial plant, subways, ships and military facilities.

Availability

Glass Mica slitted tapes are available in widths of 8mm and above in standard 500-meter (max OD 310mm) roll pads on standard 75mm ID plastic bobbins to facilitate machine taping. Traverse spools can be customized as per desired specifications.

Deviations in specifications, construction, sizes or packing can be made upon customers' requests.

Shelf Life

Glass Mica Tapes exhibit a shelf life of 12 months from date of manufacture when stored at 25°C temperature and 50 % relative humidity.

Item	Unit	Mica Cable Tape			
Thickness	mm	0.09	0.10	0.12	0.14
Substance	GSM	120	135	175	220
Mica content	GSM	80	80	120	150
Glass content	GSM	23	34	34	34
Resin content	GSM	17	21	16	36
Tensile	N/cm (MD)	> 110	> 120	> 135	> 135
Stiffness	N/m	< 55	< 55	< 70	< 70
B D V	Kv / Thk	> 1.2	> 1.2	> 1.2	> 1.2

Reference Standard : IEC 371 -3 - 8

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