

Phlogopite Mica

Spool

Borun CABLE
MATERIAL

Application:

Phlogopite Mica Fiberglass Backed Tape consist of the most heat resistant phlogopite mica paper bonded to an electrical grade glass cloth as the supporting fabric, impregnated with a specially selected high temperature resistant silicone resin. For the excellent flame resisting characteristics, it has been widely used for power and control cables, instrumentation and signaling cables etc.

Phlogopite Mica Fiberglass Backed Tape

Technical Data Sheet:

Item	Unit	TYPE: BR-MT-P-GS							
		0.08mm	0.09mm	0.10mm	0.11mm	0.12mm	0.13mm	0.14mm	0.15mm
Appearance		No foreign material, No marks, No split, No scar & hole, No broken & folded, No patched place, Surface is smooth							
Width	mm	4.5 ~ 1000							
Length	m	500m, 1000m, 2000m and Above 2000m in Spool packing							
Thickness	mm	0.08 ± 0.015	0.09 ± 0.015	0.10 ± 0.015	0.11 ± 0.015	0.12 ± 0.015	0.13 ± 0.015	0.14 ± 0.015	0.15 ± 0.015
Weight of Tape	g/m ²	100 ± 10	125 ± 10	135 ± 10	145 ± 10	170 ± 15	185 ± 15	205 ± 15	220 ± 20
Weight of mica paper	g/m ²	65 ± 5	75 ± 5	90 ± 5	100 ± 5	120 ± 5	134 ± 5	160 ± 5	168 ± 5
Weight of Glass Cloth	g/m ²	21 ± 2	24 ± 2	28 ± 2	28 ± 2	28 ± 2	28 ± 2	28 ± 2	28 ± 2
Binder Content	%	13 ± 3	13 ± 3	13 ± 3	13 ± 3	13 ± 3	13 ± 3	13 ± 3	13 ± 3
Breakdown Voltage	KV/Layer	>1.2	>1.3	>1.4	>1.5	>1.6	>1.7	>2.0	>2.0
Tensile Strength	N/15mm	>130	>180	>180	>180	>200	>200	>200	>200
Fire Grade	°C	950°C ~ 1000 °C (IEC 331 / BS6387)							
Test Procedure		IEC371 - 2							

Other specifications can be designed according to your special request.

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