

# MICA TAPE



## Application:

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

## Phlogopite Mica PE Backed Tape

## Technical Data Sheet:

Item	Unit	TYPE: BR-MT-P-FS		
		0.10mm	0.11mm	0.135mm
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	$0.10 \pm 0.015$	$0.11 \pm 0.015$	$0.135 \pm 0.015$
Weight of Tape	$\text{g/m}^2$	$140 \pm 5$	$158 \pm 10$	$205 \pm 15$
Weight of mica paper	$\text{g/m}^2$	$100 \pm 5$	$120 \pm 5$	$168 \pm 5$
Film Weight	$\text{g/m}^2$	$24 \pm 2$	$24 \pm 2$	$24 \pm 2$
Binder Content	%	$8 \pm 3$	$8 \pm 3$	$8 \pm 3$
Mica Content	%	>65	>70	>75
Breakdown Voltage	KV/Layer	>5.5	>5.5	>6
Tensile Strength	N/15mm	>130	>130	>130
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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