

# MICA TAPE

**Borun** CABLE  
MATERIAL

## Application:

Double-side Reinforced Mica Tape consist of the heat resistant phlogopite mica paper or muscovite mica paper or synthetic mica paper bonded to an electrical grade glass cloth or PE film as the supporting fabric, impregnated with a specially selected high temperature resistant silicon resin. For the excellent flame resisting characteristics, it has been widely used for power and control cables, instrumentation and signaling cables etc.

## Double-side Reinforced Mica Tape

## Technical Data Sheet:

Item	Unit	Double-side Fiberglass Reinforced Phlogopite Mica Tape	Double-side Fiberglass & PE film Reinforced Phlogopite Mica Tape	Double-side Fiberglass Reinforced Synthetic Mica Tape	Double-side Fiberglass & PE film Reinforced Muscovite Mica Tape
		0.14mm	0.14mm	0.14mm	0.14mm
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	$0.14 \pm 0.015$	$0.14 \pm 0.015$	$0.14 \pm 0.015$	$0.14 \pm 0.015$
Weight of Tape	g/m <sup>2</sup>	$200 \pm 20$	$200 \pm 20$	$190 \pm 20$	$180 \pm 20$
Weight of mica paper	g/m <sup>2</sup>	$135 \pm 5$	$135 \pm 5$	$124 \pm 5$	$110 \pm 5$
Mica Content	%	$\geq 60$	$\geq 60$	$\geq 60$	$\geq 60$
Binder Content	%	$10 \pm 3$	$10 \pm 3$	$10 \pm 3$	$10 \pm 3$
Breakdown Voltage	KV/Layer	>1.5	>3.5	>1.5	>3.5
Tensile Strength	N/15mm	>200	>200	>200	>200
Fire Grade	°C	950°C ~ 1000°C	950°C ~ 1000°C	950°C ~ 1000°C	950°C ~ 1000°C
Test Procedure		IEC331			

Other specifications can be designed according to your special request.

[www.boruncable.com](http://www.boruncable.com)

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