



MICA TAPE

Application: Mica tape for flame-resistant wires and cables 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. Due to the very high flexibility and high tensile strength, these tapes can be easily applied with high speed standard taping equipment.

One-side Fiberglass-Reinforced Phlogopite Mica Tape

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
Thickness	mm	0.14	0.14	0.14
Appearance		No alien material, No split, scar hole, No broken folded, No patched place		
Width	mm	6—1000		
Length	m	200、300、500、1000 (Above 1000m in spool package)		
Weight of Tape	g/m ²	200±20	200±20	190±20
Weight of Mica Paper	g/m ²	135±5	135±5	124±5
Breakdown Voltage	KV	≥1.5	≥3.5	≥1.5
Tensile Strength	N/15mm	≥200	≥200	≥200
Binder content	%	10±3	10±3	10±3
Mica content	%	≥60	≥60	≥60
Fire Grades	℃	750-800, IEC331	750-800, IEC331	950--1000, IEC331

One-side PE film Reinforced Phlogopite Mica Tape

Item	Unit	One-side PE film Reinforced Phlogopite Mica Tape		
		0.10 mm	0.11 mm	0.135 mm
Appearance		No alien material, No split, Scar & hole, No broken & folded, No patched place		
Width	mm	6-----1000		
Length	m	500、1000 (Above 1000m in spool package)		
Thickness	mm	0.10±0.015	0.11±0.015	0.135±0.015
Weight of Tape	g/m ²	140±5	158±10	205±15
Weight of Paper	g/m ²	100±5	120±5	168±5
Film Weight	g/m ²	24±2	24±2	24±2
Breakdown Voltage	KV	>5.5	>5.5	>6
Tensile Strength	N/15mm	≥130	≥130	≥130
Binder Content	%	8±3	8±3	8±3
Mica Content	%	>65	>70	>75
Fire Grades	℃	950℃----1000℃,IEC331		

- * Other parameters, including width, length, ID and OD can be arranged based on customers' requirements.
- * The above mentioned data sheet should, however, only be regarded as a general guide to product properties and not as a guarantee. Some of the properties can be changed and improved by SUNKING's development in technology.