



## MICA TAPE FOR FIRE-RESISTANT CABLES

### TYPES

Our high quality mica tape classified 4 types as follow:

- ◆ST-MG: Single side reinforce phlogopite mica tape with glass fiber cloth ( Phlogopite Mica & Glass fiber cloth)
- ◆ST-MP: Phlogopite mica tape with PE film on single side (Phlogopite Mica & PE)
- ◆ST-CG: Single side reinforce calcincated muscovite with glass fiber cloth (Calcincated mica& Glass fiber cloth)
- ◆ST-SG: Single side synthetic mica tape with glass fiber cloth ( Synthetic mica & Glass fiber cloth)

### MICA TAPE IN SPOOLS

Normally the length of mica tape in pad packing ranges from 300 to 1000 meters,

We make spools tape to improve it, which can be up to 50000 meters in Max. 400mm OD and 400mm height.

### AVAILABILITY

- ◆ Thickness: 0.08mm-0.18mm
- ◆ Width: 4.5mm-1000mm
- ◆ Length: 300m 500m 1000m 2000m
- ◆ Standard cores: 52mm 54mm 76mm 120mm



### 耐火电缆云母带

光通云母带均经过严格的耐火测试，耐火性能达到国际先进水平。

STMAT 云母带包括以下产品：

- ◆ST-MG: 金云母单面玻纤补强耐火带 ( 金云母纸 & 玻璃纤维布)
- ◆ST-CG: 煅烧白云母单面补强耐火带 (煅烧白云母纸 & 玻璃纤维布)
- ◆ST-SG:合成云母单面补强耐火带( 合成云母纸 & 玻璃纤维布)
- ◆ST-MP: 金云母单面薄膜补强耐火带 (金云母纸 & PE薄膜)

# STMAT

## Specific and Technic

Leading insulation materials supplier  
Service dedicated, Quality assured!

# MICA TAPE

## 金云母单面玻纤补强云母带

### ◆ST-MG: Single side reinforce phlogopite mica tape with glass fiber cloth

TYPE	UNIT	ST-MG						
Thickness	mm	0.08±0.015	0.1±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 <sup>2</sup>	105±10	130±10	145±10	170±15	185±15	215±15	230±20
Mica content	%	>55	>60	>65	>65	>70	>70	>70
Breakdown Voltage	kv	>1.0	>1.1	>1.3	>1.5	>1.7	>2.0	>2.0
Tensile strength	N/15mm	≧150	≧160	≧180	≧200	≧200	≧200	≧200
Binder content	%	13±3	13±3	13±3	13±3	13±3	13±3	13±3
Fire grades	°C	750°C ~ 950°C IEC60331 and BS6387						

## 煅烧云母玻纤补强云母带

### ◆ST-CG: Single side reinforce calcinated muscovite with glass fiber cloth

TYPE	UNIT	ST-CG				
Thickness	mm	0.11±0.01	0.12±0.01	0.125±0.01	0.13±0.01	0.14±0.01
Weight of tape	g/m <sup>2</sup>	150±15	170±15	182±15	195±15	220±15
Mica content	%	>60	>60		>60	>60
Glass fiber content	g/m <sup>2</sup>	28±2	28±2	28±2	28±2	28±2
Breakdown Voltage	kv	>1.5	>1.55	>1.6	>1.6	>1.6
Tensile strength	N/15mm	>180	>200	>200	>200	>200
Binder content	%	20±3	20±3	20±3	20±3	20±3
Fire grades	°C	950°C ~ 1000°C IEC60331 and BS6387				

## 合成云母玻纤补强云母带

### ◆ST-SG: Single side synthetic mica tape with glass fiber cloth

TYPE	UNIT	ST-SG						
Thickness	mm	0.09±0.015	0.1±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 <sup>2</sup>	115±10	125±10	140±10	160±15	170±15	205±15	220±20
Mica content	%	>55	>60	>65	>65	>65	>70	>70
Glass fiber content	g/m <sup>2</sup>	28±2	28±2	28±2	28±2	28±2	28±2	28±2
Breakdown Voltage	kv	>0.9	>1.0	>1.2	>1.4	>1.6	>1.7	>1.9
Tensile strength	N/15mm	≧150	≧160	≧180	≧200	≧200	≧200	≧200
Binder content	%	13±3	13±3	13±3	13±3	13±3	13±3	13±3
Fire grades	°C	950°C ~ 1000°C IEC60331 and BS6387						

## 金云母单面薄膜补强云母带

### ◆ST-MP: Phlogopite mica tape with PE film on single side

TYPE	UNIT	ST-MP					
Thickness	mm	0.1±0.015	0.11±0.015	0.12±0.015	0.13±0.015	0.14±0.015	0.16±0.02
Weight of tape	g/m <sup>2</sup>	135±10	160±10	170±15	205±15	215±15	220±20
Mica content	%	>65	>70	>75	>75	>60	>60
Breakdown Voltage	kv	>5.0	>5.0	>5.0	>5.0	>5.0	>5.0
Tensile strength	N/15mm	≧130	≧130	≧130	≧130	≧180	≧180
Binder content	%	13±3	13±3	13±3	13±3	10±3	10±3
Fire grades	°C	750°C ~ 950°C IEC60331 and BS6387					

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