

# Mica Paper Tapes

## For Flame-Resistant Security Cables



### Property

Mica paper tapes for flame-resistant security cables are flexible mica tapes made of alkali free glass cloth, silicone adhesive and mica paper. The products are used as flame-resistant insulating layers of cables to ensure the cables to work for a definite time after catching fire

### Applications

used as insulating layers of flame-resistant electric wires and cables for high buildings, railway stations, wharfs, airports, subways, tunnels, metallurgy and petroleum chemical industry

### Types

- ✧ ZD8661S- Phlogopite mica tape no-alkaline glass cloth one-side strength
- ✧ ZD8662S- Synthesized mica tape no-alkaline glass cloth one-side strength
- ✧ ZD8663D- Mica tape with two side fiber glass cloth or two side mica tape organized

### Specifications

Thickness	Width	Length	Roll ID
90~170μm	4.5~1000mm	100~1000m	76mm(3")

### Typical Physical Properties

Items	Units	Typical Values					
		90±15	110 ±15	120± 15	130± 15	140±15	170±15
Thickness	μm	90±15	110 ±15	120± 15	130± 15	140±15	170±15
Tensile strength	N/cm	>100	>100	>100	>100	>100	>100
Dielectric strength	KV/layer	>1	>1.2	>1.2	>1.2	>1.6	>1.9
Total substance	g/m <sup>2</sup>	120 ±10	150 ±10	172±10	180 ±10	205 ±10	265 ±10
Mica content	g/m <sup>2</sup>	80± 2	105± 2	120± 2	145 ±3	160± 3	200± 3
Glass content	g/m <sup>2</sup>	27 ± 2					
Bond content	g/m <sup>2</sup>	17 ± 2			19 ± 2	21 ± 2	30 ± 2
Fire-Grade		700-1200℃					

- ✧ The technical indices of the above mica paper tapes are made according to IECO371-3-8: 1995.They feature superior fire resistant quality and good electrical resistance even at high temperature