



**TDS**

**MICA PAPER TUBE**

Characteristics		Muscovite Mica	Phlogopite Mica
Binder		Silicone	
Thickness Tolerance	OD	+/- 0.20 mm	
	ID	+/- 0.10 mm	
Standard Length		1 Meter	
Density (gm/cm <sup>3</sup> )		1.8	
Wall Thickness		Min. 0.5 mm Max. 13 mm	
Electric Strength		Parallel to laminate (In oil at 90°C) 22 KV/mm Min. 26 KV/mm Avg.	
Electric strength		Normal to laminate (In oil at 90°C) 10 MV/m Min. 12 KV/m Avg.	
Insulation resistance		After 24 hours in water / 1 mega-ohm Min.	
Temperature classification		500°C ~ 550°C	650°C ~ 700°C
Water Absorption		1.6 mg/cm <sup>2</sup> Avg 2.0 mg/cm <sup>2</sup> Max	

**Description:** Mica paper tube is a hard pipe insulating material prepared by using mica paper with silicon binder.

**Application:** electric motors, electric appliances and resistors.

**Available:** with wrapped on SS threaded rods