

Ceramic Mica Roll

R-5461 Mica Roll consists of phlogopite mica paper (or synthetic mica paper / calcined mica paper) impregnated with a special silicone resin on glass cloth (or biologic / harmless ceramic) depending on application. The product has great flexibility and high tensile strength and can be used to create inorganic, fire-resistant insulation for fire resistant cables.

Availability

Thickness: 0.20mm, 0.30mm, 0.40mm, 0.50mm, 2.1mm, 2.2mm, 2.3mm, 2.4mm, 2.5mm, etc;

Width: 1000mm;

Length: 20-100m;

Core: Paper core / Plastic core;

Core ID: Standard 76mm or customers'requirement.

Properties

Excellent high temperature resistance and insulation properties: R-5461 series of mica roll will not break down at high temperatures and voltages for a certain period of time;

Stable chemical properties: Excellent resistance to acid and alkali, aging resistance;

Excellent environmental performance: No toxic components, no toxic gas under high temperature;

Excellent mechanical properties: Good tensile strength and flexibility;

Good appearance: Smooth and flat surface, dry and non-adhesive.

Performance Parameter

Item	Unit	R-5461-COMBI G / GC			
		2.1 mm	2.3 mm	2.4 mm	2.5 mm
Length	m	20m, 25m, 40m, 50m, 100m etc			
Thickness	mm	2.1 ±0.04	2.3±0.1	2.4±0.1	2.5±0.1
Ceramic Thickness	mm	2	2	2	2
Mica Content	g/m2	190±10	300±20	420±20	480±20
Breakdown Voltage	kV	>4	>5	>5	≥6