



Electrical Vulcanized Fibre

Electrical Vulcanized Fibre is made of natural sulfite chemical wood pulp or cotton pulp by beating, sizing, no filler (material) and long net paper machine. With expansion agent (concentrated zinc chloride solution or copper ammonium solution) impregnated base paper, the cellulose expansion into glue, and then layer by layer bonding in the glue machine, after aging, immersion, desalination, drying, molding into steel paper.

Advantages : Electrical Vulcanized Fibre is a special paper processed by special technology, and is often used as insulating material and heat insulation material.

It has excellent elasticity, wear resistance, corrosion resistance, heat resistance, mechanical strength, insulation performance and mechanical processing and forming performance. The processed products are durable, light (lighter than aluminum) and beautiful. Base paper has high strength, low ash content and good water absorption.

Application:

- 1, electrical arc extinguishing cover
- 2, motor rotor slot wedge
- 3, all kinds of electrical insulation gaskets, gears, etc
- 4, textile, machinery, aerospace and other industries

Colour: red, brick red, white, gray, black

Thickness: 0.5-3.0 mm

Sheet size: 1000mm*1200mm, roll size: 1600mm.

The other size can be supplied according to customers' requests

Samples are available for testing the quality.

Supply Ability: 100000 meter/meters per Month

Package Type: suitable packing for export.

1. Inside packing: a plastic bag or woven belt
2. Outside packing: carton box and pallet.
3. According customer requirement.

Lead Time :

Quantity(Kilograms)	1 - 100	>100
Est. Time(days)	5	To be negotiated



Product Index :

Properties	Unit	Prescription
Thickness	mm	0.5-3.0
Thickness Tolerance	%	±10
Density	g/cm ³	0.5-0.9mm ≥1.10
		1.0-2.0mm ≥1.15
		2.1-3.0mm ≥1.15
Ply Adhesion	N/cm ²	≥2.0
Tensile Strength MD	KN/cm ²	0.5-0.9mm ≥5.5
		1.0-3.0mm ≥6.0
Tensile Strength CD	KN/cm ²	0.5-0.9mm ≥3.0
		1.0-3.0mm ≥3.0
Zinc Chloride Content	%	≤0.2
Water Absorption	%	0.5-0.9mm ≤70
		1.0-2.0mm ≤65
		2.1-3.0mm ≤60
Electrical Strength	KV/mm	0.5-0.9mm ≥6.0
		1.0-2.0mm ≥5.0
		2.1-3.0mm ≥3.0
Moisture Content	%	6.0-10.0
Ash	%	≤2.5