

Vulcanized fibre epoxy resin fiberglass (silk or cloth) Tube/high voltage dropout fuse cutout tube

1.Material:

Inner: vulcanized fiber tubes
 Outer: fiberglass reinforced epoxy resin winding tubes
 Surface: UV resistant insulation Painting

2.Size:

100A: 25.4×19×13(mm) 25.4×19.05×d12.7(mm)
 200A: 36 ×26×16(mm) 31.8 ×24×16(mm)

3.Length: Max 1270mm

Item	Unit	Claim
Density	g/cm ³	>1.6
Water Absorption	%	<0.5
Cut strength	Pa (kg5/cm ²)	>78.4x10 ³
Curved strength		>1569x10 ³
Pressure strength		>883xx10 ³
Compressive Strength, Axial		
(Pressure five minute with normal voltage) Thickness of the wall	KV	14
2.0		16
2.5		18
3.0		20
4.0		24
5.0		28
6.0		30
7.0		34
8.0		
Surface resistance coefficient (500V)	Ω	>1.0x10 ¹²
Volume resistance coefficient (500V)	Ω x cm ³	>1.0x10 ¹²
At the frequency No. 50 medium dawdle corner tangent	%	<0.05

4.Process: Vulcanized fiber tube was wrapped by fiber glass impregnate epoxy resin ,The angle of wind is optimized to provide a finished tube with good tensile and anti explosion strength.Vulcanized fiber tube becomes an integral tube liner which have the property of gas-generating and arc-quenching characteristics. Epoxy



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resin fiberglass tube property of strength and water resistance. The fiberglass tube is usually coated with UV resistant paint in gray color.

5.Advantage: no-spark generating, char layer forming to prevent liner from excessive ablation, and the optimum amount of arc-quenching gas generating.

6.Application :The main application of fiberglass tube is used in expulsion fuse tube cutout for interrupting high voltage AC circuits during power surge.