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Silicone Coating Fiberglass Sleeve

FGSL

Features:

It feels soft, good electricity, self-extinguishing, solvent resistant
Breakdown voltage: Over 7000V with 50relative humidity, over 2200Vwith 90relative humidity
Operating temperature: -10°C~220°C
RoHS compliant
Standard color: White, other colors on quest

Introduction:

Silicone rubber glass fiber sleeves can be separated into two kinds: 1) inner fiberglass outside braided silicone rubber——coating the outside tightly braided fiberglass sleeves all over with silicone resin to form a layer of film and solidify it in high temperature.

2) Inner silicone rubber outside fiber glass braided—tightly braiding the inner silicone rubber tubing with fiber glass sleeves.

Inner fiberglass outside silicone rubber is made in accordance with coated electronic insulating sleeves requirements specified in CAN/CSA C22.2ANS as well as NFPA electrical code chapter 1.4 so that this product performs reliably in high temperature environment. And performance after long-term ageing is tested strictly according to the methods specified in UL 746B or the 0.17th chapter of NFPA electrical code. This product provides reliable insulation and protection for inside wire harness of H&N automobiles

shipbuilding electrical machinery home appliance selector-heat installations special lamps and lanterns TV and electronic instruments.

Size: ID 0.5mm to 45mm
Flame retardant: UL 1441, VW-1
Voltage:1.2KV, 1.5KV , 2.5KV, 4KV, 7KV

Technical data:

Property	Standard	Test Method
Continual operation termp.:	-10°C~200°C	
Voltage (600V, grade A)	average 7kv, min.	256°Cx168h
After gaining Voltage (600v, grade A)	average value: 2500v min.	256°Cx168h
Soft bent	No crack down	-10°Cx1h
Horizontal firing	Fire-free spread, no ignite cotton VW-1	
Vertical firing	VW-1	
Volume resistance	$\geq 10^{11}\Omega \cdot cm$	
Hydrolytic resistance	No stickiness, no deformation, no soften.	