



## Filament Wound Tube

**Filament wound** composite products made of glass fibers and epoxy resin have besides very good mechanical properties and fair temperature resistance also excellent electroinsulative properties. It is a glass fabric base rolled tube bonded with an epoxy resin. The sleeve of epoxy resin fiberglass forms in the process which non-alkali fiberglass dipped epoxy resin liquor twists along the tubing axis with 50-60 degree.

**Advantages:** Filament Wound Tube has heat-resistant properties. It possesses excellent electrical properties, and low water absorption when exposed to high humidity conditions. Filament Wound Tube can be sawed, cut, bored, and roped silk. All this machinability does not cause flaws like crackle, bedded structure, desquamation, etc. The color of the product is red, white, light yellow and light green.

**Application:** The main use is for arresters (sleeves), flow limited fuse boxes, link sticks, earth sticks, and some high voltage electrical equipment. applications requiring good insulation resistance, arc resistance, and dielectric strength. Recommended for its dimensional stability under varying humidity conditions.

**Color :** Grey, thin green, red

**Size :** 8mm to 800mm Max length:12m Thickness :0.5mm-more

**Custom:** We can custom Can produce various Sizes or Color according to customer's requirements., along with other customized solutions! Samples are available for testing the quality.

**Supply Ability:**100000 meter/meters per Month

**Package Type:** suitable packing for export.

**Lead Time :**

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

**TEST VALUE :**

Property	Test Condition	Units	Typical Value
<b>Mechanical</b>			
Tensile Strength	A		43,000
Compressive Strength, Axial	A	psi	27,000
<b>Electrical</b>			
Electrical Strength			
short time		volts/mil	
.062" wall hick.			500
.125" wall hick.			360
Dissipation Factor @1MHz	A		.016
Permittivity @1MHz	A		4.6
<b>Physical</b>			
Density		gm/cc	1.86
Water Absorption	D 24/23	%	
.062" wall hick.			.13
.125" wall hick.			.09

