

## Phenolic Cloth Rod



### Product & Introduction

Diameter: 0.4" - 7.9"

Length: 39.4"

Tolerance Range: International Standard

Phenolic cloth laminated rod is one of the insulating rods with a circular cross-section, created by cotton cloth impregnated with phenolic resin under hot pressing of molding. Phenolic cloth rod has higher mechanical strength, dielectric property, and excellent Machinability. The insulation class is E class.

Phenolic cloth rods can be used for insulating structural spares, screw processing parts, and wear-resistant structural parts for mechanical equipment and can be used in humid conditions and transformer oil.



Series of insulating board processing products

### Technical & Data

Items		Unit	Typical Values
Diameter		mm	6~51
Density		g/cm <sup>3</sup>	≅ 1.26
Bending strength		MPa	≅ 82.7
Compression strength		MPa	≅ 137.9
Water absorption	Diameter : 6mm	%	≅ 1.4
	Diameter : 13mm		≅ 1.1
	Diameter : 25mm		≅ 1.0
	Diameter : >25-51mm		≅ 1.1
Parallel layer breakdown voltage		KV	≅ 10



## Contact Info

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