

# Epoxy Fiberglass Insulation Rod

These insulation rods are manufactured using a vacuum injection process with epoxy and glass fiber. They provide reliable electrical insulation and mechanical strength for various electrical power applications.



## Product Overview

### Composite Insulation Rods

These epoxy fiberglass insulation rods, produced via pultrusion, serve as critical components for composite insulators, providing both mechanical connection and internal electrical insulation. They are engineered to withstand demanding operational environments, with specific material compositions available to meet varying voltage and structural requirements. Whether for suspension applications requiring high tensile strength or post applications needing bending and torsional resistance, these rods offer reliable performance and structural integrity.

## Technical Details

### Material Options

- E-glass rod
- ECR glass rod

### Mechanical Focus

Insulator Type	Primary Mechanical Requirement
Suspension	Tensile Strength
Post	Bending and Torsional Strength

Application Types	Suspension Insulators, Post Insulators
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## Manufacturing

### Process Features

Vacuum Injection • No-mold-release • Precision-engineered

Manufacturing Method	Pultrusion
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