

Pultruded Composite Insulation Rod

These E-glass composite rods are designed for electrical insulation applications. Their performance exceeds that of standard rods by 20%, making them suitable for various composite insulator manufacturing techniques.



Product Overview

High-Performance Composite Insulation Rods

These pultruded composite insulation rods serve the critical dual function of providing mechanical connection and internal electrical insulation within composite insulator structures. Engineered for reliability, these rods are available in both E-glass and ECR glass variants to suit diverse voltage requirements and operating environments. They are essential components for both suspension and post insulator applications, offering tailored mechanical properties for tensile, bending, and torsional strength.

Technical Specifications

Material Options

- E-glass rod
- ECR glass rod

Application Types

Suspension Insulators, Post Insulators

Selection Criteria

Selection Factors

Requirement	Determining Factor
Material Choice	Voltage requirements and operating environment
Rod Diameter	Mechanical requirements of the insulator
Temperature Class	Vulcanization temperature during manufacture

Performance Metrics

Primary Mechanical Focus

0 Tensile

Suspension Focus

0 Bending/Torsional

Post Focus