

# Bushing Cover for Surge Arresters

## PRODUCT OVERVIEW

Designed specifically for application over surge arrester housing interfaces and connection points in distribution and substation installations. Provides supplemental insulation and mechanical protection at arrester terminations where leakage paths and contamination accumulation are common causes of premature failure. EPDM or Polyolefin construction resists moisture, pollution, and tracking — extending arrester service life and enabling safer live-line inspection.

## APPLICATIONS

- Distribution and station-class surge arrester termination protection
- Supplemental insulation at arrester connection points
- Environments with high contamination, salt spray, or industrial pollution

## KEY FEATURES

- Radiation cross-linked Polyolefin or EPDM rubber construction
- Operating temperature range: -40°C to 105°C
- Quick and easy snap-fastener installation — no special tooling required
- Eliminates risk of short circuit and leakage current
- Facilitates safe routine inspection and maintenance
- Moisture, dust, and contamination resistant
- RoHS compliant | ISO 9001 & ISO 14000 certified manufacturing
- Available in Red, Yellow, Green, and Black | Fully customizable

## TECHNICAL DATA

Property	Polyolefin	EPDM	Test Method
Tensile Strength	≥10.0 MPa	≥10 MPa	ASTM D 2671
Elongation at Break	≥300%	≥1000%	ASTM D 2671
Thermo Aging Tensile Strength	≥6.9 MPa	≥9 MPa	90°C/70hrs
Thermo Aging Elongation at Break	≥150%	≥500%	90°C/70hrs
Heat Shock	No Cracking	No Cracking	JB7829
Oxygen Index	≥28	–	GB/T 2406
Dielectric Strength	≥20 kV/mm	≥30 kV/mm	IEC 243
Dielectric Constant	2–3	2–3	IEC 250
Volume Resistance	≥1×10 <sup>11</sup> Ω-cm	≥4.5×10 <sup>11</sup> Ω-cm	IEC 93

<p><b>STOCKING LOCATIONS</b> Reno, NV · Houston, TX Custom reel lengths available</p>	<p><b>PROCUREMENT &amp; INQUIRIES</b> GCP Energy LLC — Authorized OEM Representative portal.gcpenergy.us · Salt Lake City, UT</p>	<p><b>MATERIAL OPTIONS</b> Polyolefin (Standard) EPDM Rubber (High Flex / Submersible)</p>
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