

# Bushing Cover for Busbar Connectors

## PRODUCT OVERVIEW

Engineered to provide insulation and dielectric reinforcement at busbar connection points in switchgear assemblies and substation bus systems. The form-fitted design eliminates exposed energized surfaces at connector interfaces, significantly reducing the risk of phase-to-phase faults, short circuits, and incidental contact in both indoor and outdoor enclosure environments.

## APPLICATIONS

- Insulation and dielectric enhancement at busbar connection points
- Protection of live bus interfaces in switchgear assemblies
- Substation bus systems — indoor and outdoor enclosures

## 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

### STOCKING LOCATIONS

Reno, NV · Houston, TX  
Custom reel lengths available

### PROCUREMENT & INQUIRIES

GCP Energy LLC — Authorized OEM  
Representative  
portal.gcpenergy.us · Salt Lake City, UT

### MATERIAL OPTIONS

Polyolefin (Standard)  
EPDM Rubber (High Flex / Submersible)

# Bushing Cover for Transformer Incoming & Outgoing Feeders

## PRODUCT OVERVIEW

Provides protective insulation at transformer bushing interfaces where incoming and outgoing feeder cables terminate — one of the most common points of incidental contact and fault initiation in substation environments. Conforms to bushing geometry for a secure, weatherproof fit that resists moisture ingress, contamination, and UV degradation. Supports safe inspection and maintenance without requiring full de-energization.

## APPLICATIONS

- Insulation at transformer HV and LV bushing termination points
- Protection at incoming and outgoing feeder cable interfaces
- Distribution and power transformer installations — indoor and outdoor

## 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

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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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# Bushing Cover for Various Switches

## PRODUCT OVERVIEW

Designed to provide insulation and protection at the incoming and outgoing connection points of isolation switches, vacuum switches, and fuses. The snap-fastener design allows rapid field installation on energized adjacent equipment, reducing outage duration during commissioning and maintenance activities across distribution and industrial switchgear applications.

## APPLICATIONS

- Isolation switch incoming and outgoing connection points
- Vacuum switch bushing interfaces
- Fuse connection insulation in distribution switchgear

## 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
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Oxygen Index	≥28	–	GB/T 2406
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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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# Bushing Cover for Various Clamps

## PRODUCT OVERVIEW

The broadest voltage-rated product in the Mirabel bushing cover portfolio, engineered to insulate and protect clamp assemblies from 1 kV distribution through 220 kV bulk transmission infrastructure. Radiation cross-linked construction delivers the mechanical flexibility required to conform to diverse clamp geometries — including wedge clamps, strain clamps, and parallel-groove clamps — while maintaining long-term dielectric integrity under thermal cycling, moisture exposure, and UV stress.

## APPLICATIONS

- Wedge clamp, strain clamp, and parallel-groove clamp insulation
- Distribution through bulk transmission voltage classes (1–220 kV)
- Overhead line and substation bus clamp protection

## 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

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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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# 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
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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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# Bushing Cover for Electrical Connections

## PRODUCT OVERVIEW

A versatile protective bushing cover engineered for insulation and mechanical protection across a broad range of general electrical connection types in switchgear, substations, and power distribution infrastructure. The snap-fit design accommodates various connector profiles and conductor sizes, providing reliable dielectric protection at terminal points where incidental contact and contamination ingress represent the greatest service risk.

## APPLICATIONS

- General-purpose insulation for terminal and connector points
- Switchgear and substation power connection protection
- Industrial and utility electrical infrastructure — indoor and outdoor

## 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

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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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