

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

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 ¹¹ Ω-cm	≥4.5×10 ¹¹ Ω-cm	IEC 93

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