

PRODUCT SHEET

# Elastimold® 200 amp loadbreak elbows and bushing inserts



## Elastimold® 200 amp loadbreak elbows and bushing inserts



15 kV and 25 kV loadbreak elbow



15 kV and 25 kV loadbreak elbow with integral jacket seal



15 kV bushing insert



25 kV bushing insert



35 kV bushing insert

The enhanced Elastimold 200 amp loadbreak elbow (15 kV and 25 kV series) incorporates safety performance features that, when coupled with the Elastimold patented vented ring bushing insert design for 25 kV and 35 kV system voltages, provides superior protection against fault events like partial vacuum flashover with every switching operation. Coupled with increased cable range flexibility and features to reduce life cycle costs, Elastimold 200 amp loadbreak elbows and bushing inserts are a must-use winning combination.

### Enhanced safety

- Fully shielded with improved insulation in critical interface areas
- Rigid probe support to ensure proper switching operations
- Molded-in rubber-encapsulated stainless-steel pulling eye provides a fully sealed system
- Dual grounding eye positions for increased flexibility
- No-stick interface (when used with Elastimold PBT interface shield)

### Increased flexibility

- Improved number of cable ranges for larger conductors
- Integral jacket seal available for complete and easy sealing
- Easy order system to quickly specify the correct part, utilizing a minimum number of sizes to cover all wire ranges
- Available with or without capacitive test point

### Improved life cycle cost reduction

- Optimized for reliability and repeated switching operations
- Improved seal system for maintenance-free operation

- Lifetime ease of operation and non-stick interface (with PBT interface shield)
- 100% peroxide-cured EPDM housing for lasting durability

Elastimold 200 amp bushing inserts come standard with built-in safety features to ensure exceptional performance under the harshest conditions, including being fully submerged, along with maximum reliability for repeated switching operations.

Standard safety features include a color-coded PBT interface shield that provides an excellent dielectric mating surface for electrically secure connections, visual indication of the voltage class being applied (red = 15 kV class, blue = 25 kV class, black = 35 kV class), and a positive visual confirmation of full insertion when installed with a 200 amp loadbreak elbow. Coupled with the enhanced Elastimold elbow, the PBT interface also prevents rubber-to-rubber sticking for easier workability and safe smooth make/break operations. The patented vented ring design (25 kV and 35 kV classes) doesn't just alleviate the effects of, but prevents partial vacuum flashover as demonstrated by over 16 years of proven performance. The indisputable value in its design is that it improves safety and can be universally applied to all IEEE 386 compliant interfaces without the need for costly cable rework or installing additional elbows in existing systems.

Elastimold 200 amp loadbreak bushing inserts and elbows are a cost-effective, widely available, simple solution designed to provide maximum flexibility in cable and equipment connection applications, even on existing systems, while providing maximum safety to operators and the general public.