

CES Cold Applied Elbow Seal

FEATURES

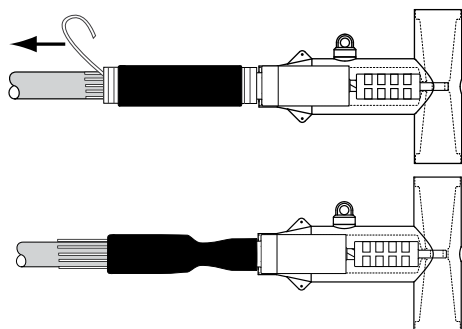
- Highly elastic EPDM formulation enables wide cable application ranges. Just three products are able to cover the most common range of cable, 15 kV #2-35 kV 1250 kcmil
- An ergonomically designed spiral holdout provides a smooth installation with low release forces
- No open flame or heat source is required for installation
- Meets IEEE 404 jacket sealing requirements
- Thick walled tube resists puncture and damage
- Resistant to fungus, acids, and alkalis

APPLICATIONS

- TE's Raychem CES is used for sealing power cables where elbows or other cable accessories are installed.
- The CES is applied in 15-35 kV, 600A applications. It protects underground cable from moisture and airborne contaminants, and is suitable for both direct burial and submersible applications.

BENEFITS

- The kit consists of a factory-expanded tubular EPDM rubber sleeve on a spiral holdout, along with strips of mastic which are used to help create the seal.
- Designed for easy field installation. After applying the mastic and cable accessory, the spiral holdout is simply pulled clear.
- The jacket will compress and form an environmental seal in combination with the mastic



PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

Catalog Number	Typical Tube Length		Expanded Tube Diameter	Inner Diameter of Holdout
	Expanded	Relaxed		
ELB-600-CES-1	5.00 (127)	6.00 (150)	2.24 (57)	1.97 (50)
ELB-600-CES-2	6.75 (171)	8.00 (200)	2.95 (75)	2.68 (68)
ELB-600-CES-3	7.50 (190)	9.00 (225)	4.13 (105)	3.85 (98)

Catalog Number	Cable Size			Min Seal Diameter	Max Installed Diameter
	15 kV Class	25 kV Class	35 kV Class		
ELB-600-CES-1	2-4/0 AWG (35-100 mm ²)	2-2/0 AWG (35-50 mm ²)	1/0 AWG (60 mm ²)	0.95 (24)	1.50 (38)
ELB-600-CES-2	2/0-1000 kcmil (70-500 mm ²)	1/0 AWG-750 kcmil (60-380 mm ²)	1/0 AWG-500 kcmil (60-250 mm ²)	1.28 (33)	2.67 (68)
ELB-600-CES-3	750-1500 kcmil (380-725 mm ²)	600-1250 kcmil (325-625 mm ²)	350-1250 kcmil (180-625 mm ²)	1.60 (41)	3.50 (89)

ADDITIONAL PRODUCT INFORMATION

- Selections are based on the typical dimensions of 100% insulated cables, manufactured in accordance with AEIC standard. Nominal insulation thickness (100%): 15 kV: 175 mils, 25 kV: 260 mils, 35 kV: 345 mils.
- Select the appropriate catalog number. Use the actual insulation OD, and jacket OD range as the final ordering criteria.
- Kits used on metallic tape-shielded cables may require external grounding component. HVS-GC + HV-Braid.
- For other applications or if you have any questions, contact your TE representative.
- If ordered separate from Elbow kits, standard package: 3 kits per box.
- Related test reports: EDR-5528