

Conduit Sealing Bushings

CEC:
Rated for Ordinary Locations

Details of Construction:

Pressure Discs:

- Thick metal discs with custom drilled holes to accommodate cables. Steel discs are slotted at cable holes to eliminate induction heating effect of single conductor alternating current.
- Steel discs are PVC coated for corrosion protection, to insulate cable holes and to prevent plates from bridging to other ferrous parts. Uncoated aluminum plates are available.
- Copper alloy, stainless steel or phenolic discs are available at price addition.

Screws and Washers:

- Corrosion-proof stainless steel socket head screws are used to compress the two discs against the sealing ring.
- Hex head stainless steel machine screws are available.
- PVC coated discs have stainless steel washers to prevent screws from damaging coating. (Suffix **-P** type only.)

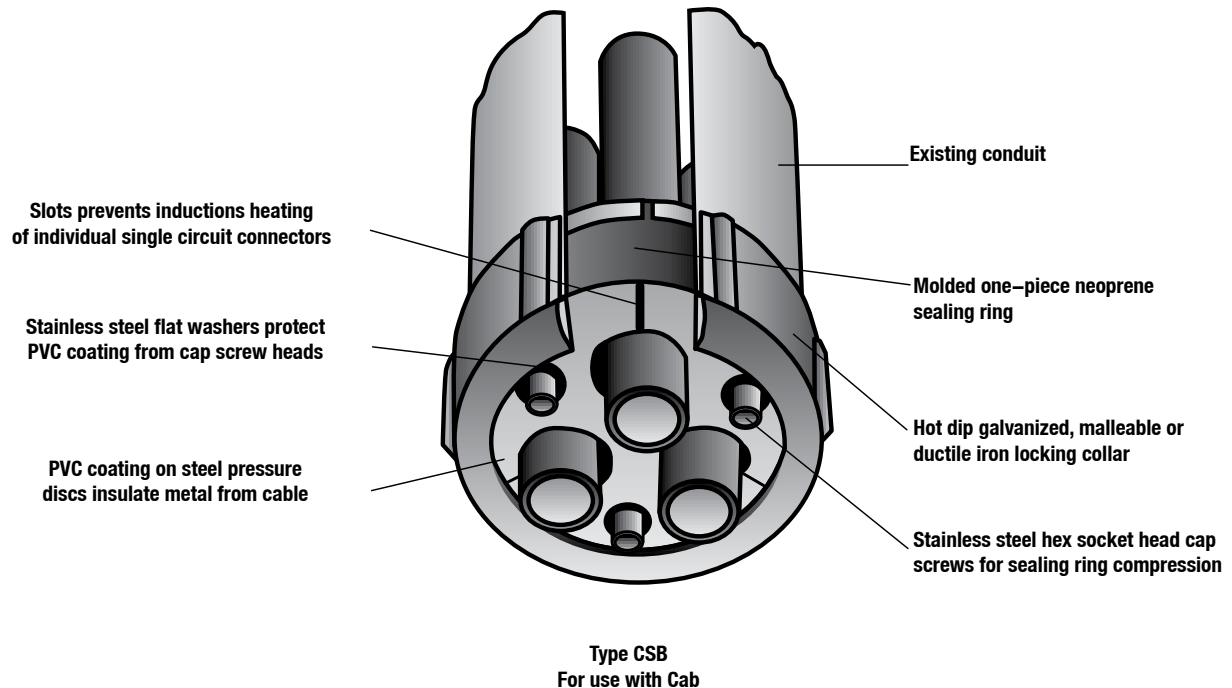
Locking Collar:

- Malleable iron hot dip galvanized; suffix **-A** for aluminum.
- Gaskets are provided to prevent locking collar and end of conduit from damaging PVC coated disc. (Suffix **-P** type only.)

Sealing Ring:

- Thick one-piece neoprene ring custom drilled. Neoprene is specifically compounded for the following operating characteristics:
 1. Low compression modulus (the ability of the neoprene sealing ring to seal with low-tightening force).
 2. Very low compression set (maintain seal over extended period without having to retighten).
 3. Anti-oxidant (resistance to ozone attack).
 4. Anti-oxidant (resistance to weathering).
 5. Low crystallization (suitable for use at low temperatures).
 6. Fire retardant (will not support combustion).

*For modifications or special requirements,
contact your local representative for price
and availability.*



Conduit Sealing Bushings

For Use with Insulated Wire, Cable and Rigid Metal Conduit

NEC:
Listed for Ordinary Locations

Type CSBE:

Seals against internal or external fluids or gases and to provide some support for the cables when fitting is used in vertical position as shown in illustration.

Type CSBI:

Seals against internal or external fluids or gases and prevents them from entering an enclosure.

Type CSBG:

Provides all the features of Types CSBE and CSBI and in addition prevents the sealing bushing from moving out of the end of the conduit should the internal pressure be high or if the fitting is used on conduit in an inverted position. The Type CSBG fittings are capable of sealing against gas or fluid pressure of 100 psig, (non-segmented) Type CSBI and CSBE – 50 psig (non-segmented.) Segmenting reduces above pressure in half. Can also be supplied with Lay-In-Lug grounding wire connector.

Applications

- These conduit Sealing Bushings are used for sealing the ends of conduit in applications involving higher static gas or fluid pressures than can be handled by standard sealing bushings.
- For use with IMC or EMT, a short nipple of Rigid Metal Conduit should be used to accommodate the Conduit Sealing Bushing. For Schedule 40 PVC Conduit, contact your local representative.

Features

- The complete assembly is provided with 1 or multiple holes to accommodate the size and number of cables which emerge from the conduit. When the fitting is in place and the screws are tightened, the neoprene sealing ring is compressed between the metal plates and is forced against the inside wall of the conduit and also against the cable insulation to effect a complete seal at the conduit end.
- Blank fittings are available. These are intended as abandonment devices only.
- Operating temperature -40 °C to +93 °C (-40 °F to +200 °F)

Do not field drill.

- Consult your local representative for all other applications.
- These fittings are simple to install. They eliminate the special preparation of the end of the conduit or the compounding of the conduit thread which is required on other types of sealing fittings used to seal against high pressures.

Standard Materials

- Slotted PVC coated steel discs, neoprene sealing ring and stainless steel socket head cap screws and washers.

Standard Finishes

- Locking collars on type CSBG - hot dipped galvanized, malleable or ductile iron.

Options

- Also available with aluminum or brass/ bronze pressure discs (Metal Plates) on Type CSBI and CSBE bushings. To specify, substitute suffix **-A** or **-B** for **-P** in catalog number. (Example: CSBI-200A-1) Locking Collar and Pressure Discs are also available in Aluminum or Bronze on Type CSBG Bushings. Example (CSBG-200A-1)

Consult your local representative for price and availability.

Alternate Construction: (Catalog # SEG)

Segmented Design – Segmental pressure discs and slit-neoprene sealing ring produce a come-apart design which allows the sealing bushing to be installed without having to thread it along the cable or allows installation around cables already pulled/terminated.

Also available with slit neoprene sealing ring and one piece pressure discs.

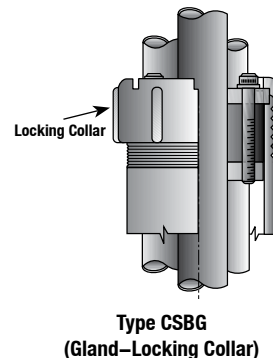
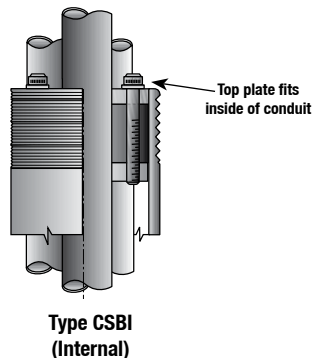
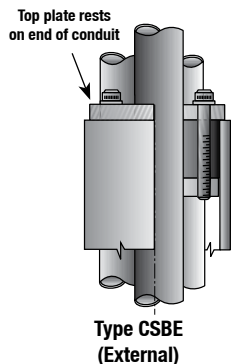
Two neoprene sealings rings provide cable support meeting NEC 300.19. (suffix **-G2**)

Certifications and Compliances

- UL Listed: E-14817
- Type CSBG with aluminum pressure disks is Listed by Underwriters Laboratories, Inc. as an outlet bushing, service entrance seal or service head.

TO ORDER SPECIFY:

1. Catalog Number
2. Conduit Size
3. Number of Cables
4. Outside Diameters of Cables Over Insulation
5. Segmented, if Required
6. Two Neoprene Sealing Rings, if required (prices on application). Suffix **-G2**.

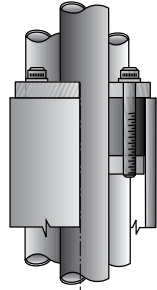


Conduit Sealing Bushings

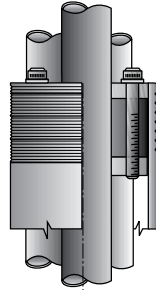
For Use with Insulated Wire, Cable and Rigid Metal Conduit

NEC:
Listed for Ordinary Locations

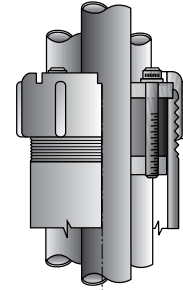
Conduit Size	Max. Diameter of Wire ①				Type CSBE		Type CSBI		Type CSBG	
	Permitted – Inches				Catalog Number		Catalog Number		Catalog Number	
	1 Wire	2 Wires	3 Wires	4 Wires	Blank ②	One or More Wires	Blank ②	One or More Wires	Blank ②	One or More Wires
1-1/2"	19.81 (0.78)	14.99 (0.59)	13.72 (0.54)	11.18 (0.44)	CSBE-150P-0	CSBE-150P-1	CSBI-150P-0	CSBI-150P-1	CSBG-150P-0	CSBG-150P-1
2"	26.67 (1.05)	19.56 (0.77)	18.03 (0.71)	15.49 (0.61)	CSBE-200P-0	CSBE-200P-1	CSBI-200P-0	CSBI-200P-1	CSBG-200P-0	CSBG-200P-1
2-1/2"	33.53 (1.32)	24.38 (0.96)	22.61 (0.89)	19.81 (0.78)	CSBE-250P-0	CSBE-250P-1	CSBI-250P-0	CSBI-250P-1	CSBG-250P-0	CSBG-250P-1
3"	48.26 (1.90)	32.00 (1.26)	28.70 (1.13)	24.38 (0.96)	CSBE-300P-0	CSBE-300P-1	CSBI-300P-0	CSBI-300P-1	CSBG-300P-0	CSBG-300P-1
3-1/2"	54.10 (2.13)	35.05 (1.38)	35.05 (1.38)	28.70 (1.13)	CSBE-350P-0	CSBE-350P-1	CSBI-350P-0	CSBI-350P-1	CSBG-350P-0	CSBG-350P-1
4"	66.80 (2.63)	41.40 (1.63)	38.35 (1.51)	32.00 (1.26)	CSBE-400P-0	CSBE-400P-1	CSBI-400P-0	CSBI-400P-1	CSBG-400P-0	CSBG-400P-1
5"	88.90 (3.50)	50.8 (2.00)	47.75 (1.88)	41.40 (1.63)	CSBE-500P-0	CSBE-500P-1	CSBI-500P-0	CSBI-500P-1	CSBG-500P-0	CSBG-500P-1
6"	114.30 (4.50)	61.98 (2.44)	56.13 (2.21)	52.58 (2.07)	CSBE-600P-0	CSBE-600P-1	CSBI-600P-0	CSBI-600P-1	CSBG-600P-0	CSBG-600P-1



Type CSBE



Type CSBI



Type CSBG

TO ORDER SPECIFY:

1. Catalog Number
2. Conduit Size
3. Number of Cables
4. Outside Diameters of Cables Over Insulation
5. Segmented, if Required
6. Two Neoprene Sealing Rings, if required (prices on application). Suffix **-G2**.

① Minimum diameter is 0.140" OD. Five or more wires can be accommodated; contact your local representative for sizing.

② Blank fittings are intended as abandonment and future use devices only. Blank fittings cannot be field drilled.

Conduit Sealing Bushings

NEC/CEC:
Rated for Ordinary Locations

1. Segmental Design (Figure 1):

- Segmental pressure discs and slit neoprene sealing ring produce a come-apart design which allows the sealing bushing to be installed without having to thread it along the cable or allows installation around cables already terminated. Maximum diameter of wire or cable may need to be reduced. (Include Catalog Number "SEG"). Also available with slit neoprene sealing ring and one piece

2. Double Sealing Ring:

- A second neoprene sealing ring may be added for cable support applications. Add suffix **-G2** to catalog number. Contact your local representative for price and availability.

3. Close/Short Nipples:

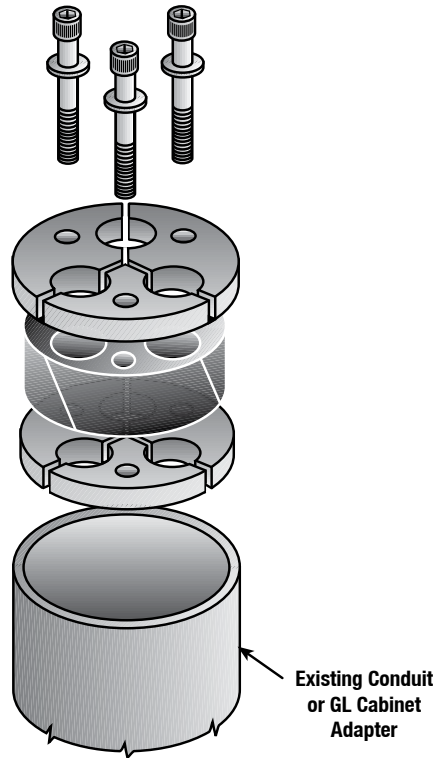
- Short nipples which can be screwed into conduit hubs or couplings. Seal Fittings are then installed in the open ends of these nipples. To specify a fitting complete with nipple add "N" after Catalog Number. (Example: CSBG 200P-N).

4. Type GL Cabinet Adapter (Figure 2):

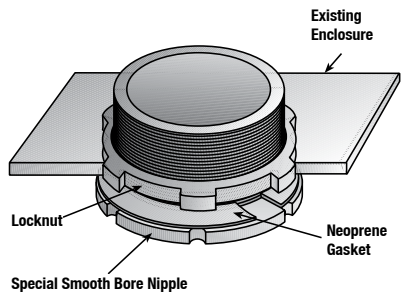
- For use with sealing bushings when exposed wires enter cabinets. Hot dip galvanized malleable or ductile iron is standard; aluminum if specified. Adapter assembly includes special smooth bore nipple, gasket and locknut. Type GL Cabinet Adapters must be ordered separately. See table for catalog numbers.
- Temperature Ratings:
Intermittent -51°C to +107 °C (-60 °F to +225 °F)
Continuous -40 °C to +93 °C (-40 °F to +200 °F)
- Thread length on special smooth bore nipples will accommodate 1/8" thick cabinet or structure on Type CSBG (specify if thicker than 1/8"), and up to 3/4" thickness on Types CSBE and CSBI.
- These fittings are designed for use in schedule 40 Rigid Metal Conduit. For use with IMC or EMT, a short nipple of Rigid Metal Conduit should be used to accommodate the Conduit Sealing Bushing. Contact your local representative for application involving Schedule 40 or Schedule 80 PVC Conduit.
- Blank fittings are intended as abandonment and future use devices only.

Do not field drill.

Conduit Size	Catalog Number
1-1/2	GL150
2	GL200
2-1/2	GL250
3	GL300
3-1/2	GL350
4	GL400
5	GL500
6	GL600



Type CSBE
Segmental Design
Figure 1



Type GL
Cabinet Adapter
Figure 2

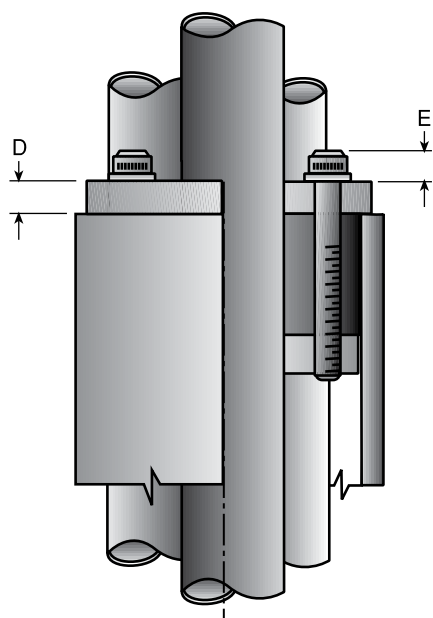
Conduit Sealing Bushings

For Use with Cable in Rigid Conduit ①

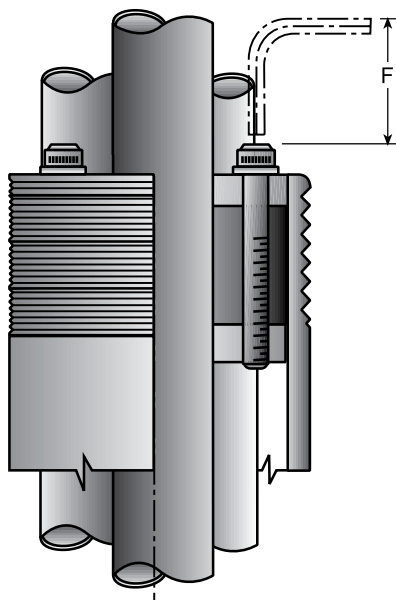
NEC/CEC:
Rated for Ordinary Locations

Type CSB Series Dimensional Data:

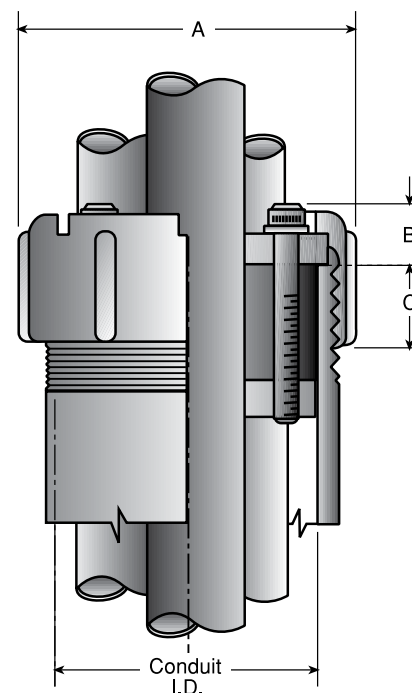
Conduit ① Size	Max. Diameter of Wire Permitted ② Millimeters (Inches)				Conduit ID	Dimensions in Millimeters (Inches)					
	1 Hole	2 Holes	3 Holes	4 Holes		A Dia.	B	C	D	E	F Min
1-1/2"	19.81 (0.78)	12.45 (0.49)	13.46 (0.53)	11.18 (0.44)	1.610	60.45 (2.38)	16.00 (0.63)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)
2"	26.91 (1.02)	19.56 (0.77)	18.03 (0.71)	15.49 (0.61)	2.067	74.42 (2.93)	16.00 (0.63)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)
2-1/2"	33.53 (1.32)	24.38 (0.96)	22.61 (0.89)	19.81 (0.78)	2.469	85.85 (3.38)	19.05 (0.75)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)
3"	48.01 (1.89)	30.48 (1.20)	28.70 (1.13)	24.38 (0.96)	3.068	104.90 (4.13)	19.05 (0.75)	22.35 (0.88)	7.87 (0.31)	7.87 (0.31)	31.75 (1.25)
3-1/2"	54.10 (2.13)	35.53 (1.32)	35.05 (1.38)	28.70 (1.13)	3.548	115.82 (4.56)	22.35 (0.88)	22.35 (0.88)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)
4"	66.28 (2.57)	41.40 (1.63)	38.35 (1.51)	32.00 (1.26)	4.026	130.30 (5.13)	7.87 (0.31)	25.40 (1.00)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)
5"	87.63 (3.45)	50.80 (2.00)	47.75 (1.88)	41.40 (1.63)	5.047	158.75 (6.25)	7.87 (0.31)	25.40 (1.00)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)
6"	109.73 (4.32)	63.75 (2.51)	60.45 (2.38)	54.10 (2.13)	6.065	187.45 (7.38)	7.87 (0.31)	25.40 (1.00)	11.18 (0.44)	9.65 (0.38)	38.10 (1.50)



Type CSBE



Type CSBI



Type CSBG

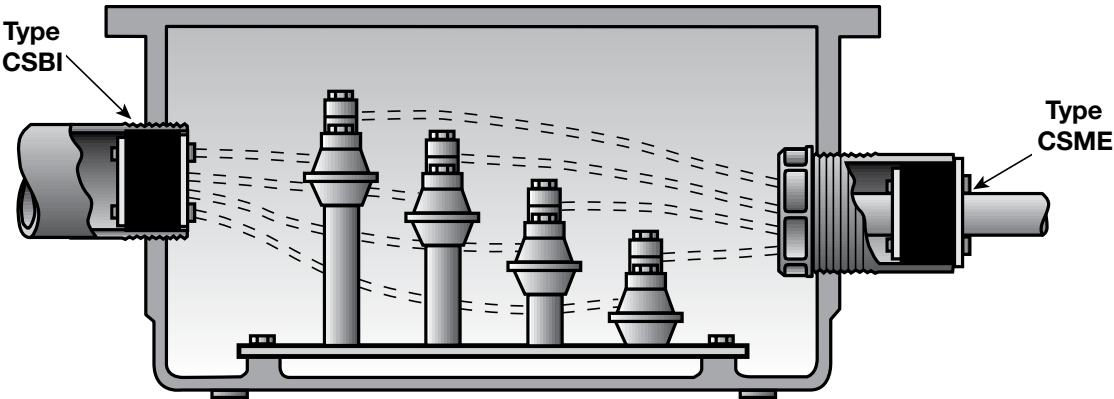
① Standard fittings may be used with corresponding sizes of schedule 40 pipe or tubes and cored holes which have the same internal diameter as conduit I.D. shown above.

② Minimum diameter is 0.140" OD. Five or more wires can be accommodated; contact your local representative for sizing.

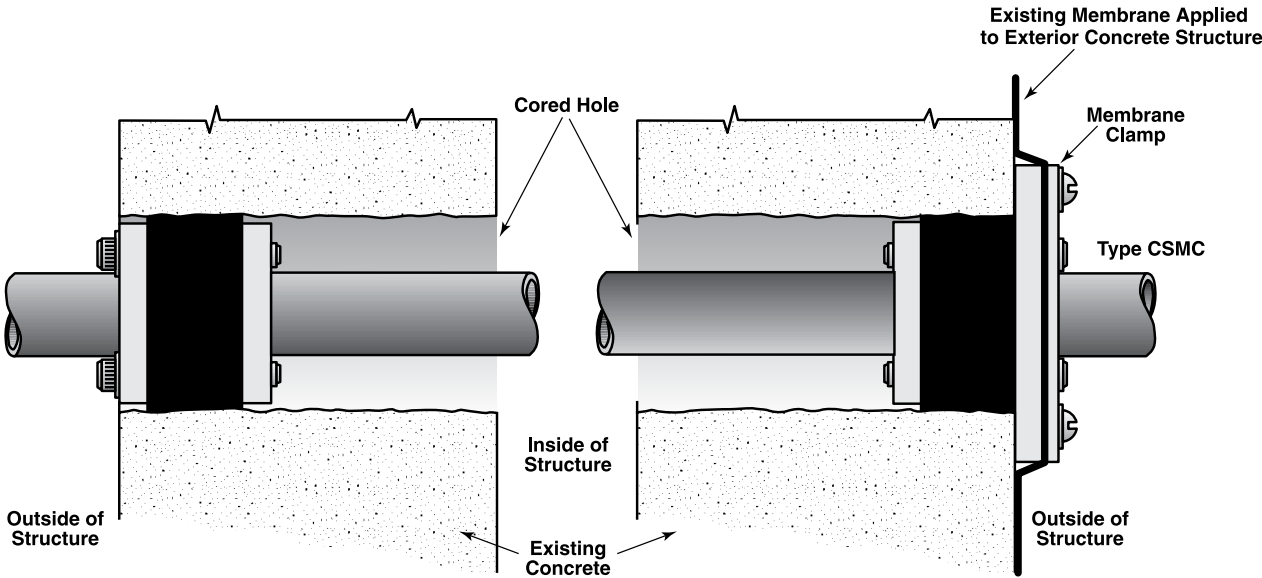
Conduit Sealing Bushings

NEC/CEC:
Rated for Ordinary Locations

Typical Applications



Type CSBI and Type CSME
Used to seal conduits entering an enclosure to prevent condensation and water from entering.



Type CSMI and Type CSMC
Core Drilled Hole Application

Conduit Sealing Bushings

For Use with Pipe, Conduit or Tubing

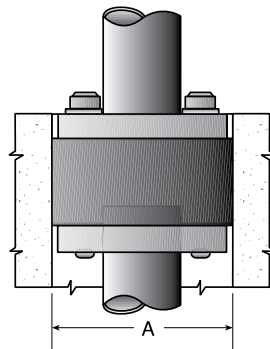
NEC/CEC:
Rated for Ordinary Locations

Applications

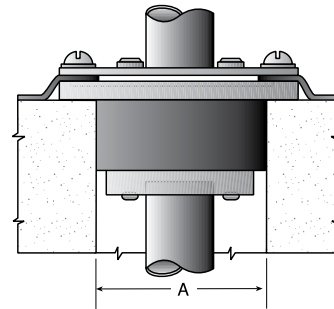
- These Sealing Bushings are used to seal against fluid and gas pressure around mechanical pipes, casing, conduits or tubes
- They have the same details of construction and are used for the same applications as the Type CSB Series.
- In addition to sealing a pipe within a pipe, some types are specifically designed for use in core bit drilled holes or precast holes in concrete.
- Most of the options for the Type CSB are available in the Type CSM Series.

TO ORDER SPECIFY:

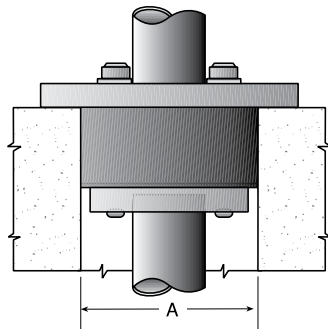
1. Catalog Number
2. Diameter of core bit drilled hole, precast hole or I.D. of pipe.
3. Number and O.D. of penetrating pipe, conduit or tube
4. Disc material finish: PVC Coated Steel Discs (standard); Uncoated Aluminum Discs.
5. Segmental design, if required (prices on application)
6. Two Neoprene Sealing Rings (if required) Prices on Applications. Suffix-G2.



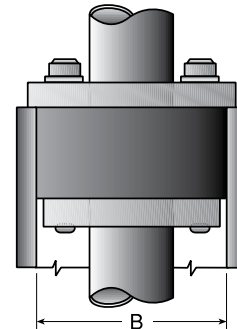
Type CSMI Internal



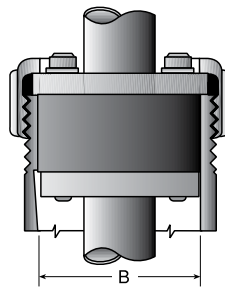
Type CSMC
with steel membrane clamp
for holding existing moisture membrane



Type CSML Large Top Plate



Type CSME External



Type CSMG Gland-Locking Collar

02-6EDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

Conduit Sealing Bushings

For Use with Pipe, Conduit or Tubing

NEC/CEC:
Rated for Ordinary Locations

Type CSM Series Dimensional Data:

Use With Core Drilled Hole Dia. "A"		Conduit or Pipe I.D. "B"	Single Penetration Applications Dimensions in Millimeters (Inches)						Multiple Penetration Max. O.D. for More Than One Pipe			Catalog Numbers ①					
			Cast Iron Pipe				Copper Tubing		2 Holes	3 Holes	4 Holes	Type CSMI	Type CSML	Type CSMC	Type CSME	Type CSMG	
			Steel Pipe or Conduit Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.									
2	52.58 (2.07)		9.65 (0.38)	17.27 (0.68)			9.65 (0.38)	12.70 (0.50)	20.07 (0.79)	18.03 (0.71)	15.24 (0.60)	CSMI-200P	CSML-200P	CSMC-200P	CSME-200P	CSMG-200P	
			12.70 (0.50)	21.34 (0.84)			12.70 (0.50)	16.00 (0.63)									
			19.05 (0.75)	26.67 (1.05)			19.05 (0.75)	22.35 (0.88)									
2-1/2	62.74 (2.47)		25.40 (1.00)	33.53 (1.32)			25.40 (1.00)	28.70 (1.13)	24.64 (0.97)	23.62 (0.93)	18.54 (0.73)	CSMI-250P	CSML-250P	CSMC-250P	CSME-250P	CSMG-250P	
3	77.98 (3.07)		31.75 (1.25)	42.16 (1.66)			31.75 (1.25)	35.05 (1.38)	30.73 (1.21)	28.19 (1.11)	23.62 (0.93)	CSMI-300P	CSML-300P	CSMC-300P	CSME-300P	CSMG-300P	
			38.10 (1.50)	48.26 (1.90)			38.10 (1.50)	41.40 (1.63)									
							44.45 (1.75)	47.75 (1.88)									
3-1/2	90.17 (3.55)			50.80 (2.00)			50.80 (2.00)	54.10 (2.13)	35.05 (1.38)	33.53 (1.32)	28.70 (1.13)	CSMI-350P	CSML-350P	CSMC-350P	CSME-350P	CSMG-350P	
4	102.36 (4.03)		50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)	41.40 (1.63)	37.08 (1.46)	33.53 (1.32)	CSMI-400P	CSML-400P	CSMC-400P	CSME-400P	CSMG-400P	
					50.80 (2.00)	66.80 (2.63)	63.50 (2.50)	66.80 (2.63)									
5	128.27 (5.05)		63.50 (2.50)	73.15 (2.88)	50.80 (2.00)	69.85 (2.75)			50.80 (2.00)	47.75 (1.88)	41.40 (1.63)	CSMI-500P	CSML-500P	CSMC-500P	CSME-500P	CSMG-500P	
			76.20 (3.00)	88.90 (3.50)													
6	154.18 (6.07)		88.90 (3.50)	101.60 (4.00)	76.20 (3.00)	92.96 (3.66)			63.50 (2.50)	54.10 (2.13)	50.80 (2.00)	CSMI-600P	CSML-600P	CSMC-600P	CSME-600P	CSMG-600P	
			101.60 (4.00)	114.30 (4.50)	76.20 (3.00)	96.52 (3.80)											
					76.20 (3.00)	100.58 (3.96)											
8	202.69 (7.98)		114.30 (4.50)	127.00 (5.00)	101.60 (4.00)	121.92 (4.80)				76.20 (3.00)	76.20 (3.00)	73.15 (2.88)	CSMI-800P	CSML-800P	CSMC-800P	CSME-800P	②
				133.35 (5.25)	101.60 (4.00)	127.00 (5.00)											
				139.70 (5.50)													
			127.00 (5.00)	141.22 (5.56)													
				152.40 (6.00)													
10	254.51 (10.02)			177.8 (7.00)	152.4 (6.00)	175.26 (6.90)			Single Penetration Only			CSMI-1000P	CSML-1000P	②	CSME-1000P	②	
					152.4 (6.00)	180.34 (7.10)											
12	303.28 (11.94)			203.20 (8.00)	219.20 (8.63)	203.20 (8.00)	229.87 (9.05)		Single Penetration Only			CSMI-1200P	CSML-1200P	②	CSME-1200P		
						203.20 (8.00)	236.22 (9.30)										
14	333.50 (13.13)			254.00 (10.00)	254.00 (10.00)	281.94 (11.10)			Single Penetration Only			CSMI-1400P	CSML-1400P	②	CSME-1400P	②	
				273.05 (10.75)	254.00 (10.00)	289.56 (11.40)											
16	381.00 (15.00)			304.80 (12.00)	304.80 (12.00)	335.28 (13.20)			Single Penetration Only			CSMI-1600P	CSML-1600P	②	CSME-1600P	②	
				323.85 (12.75)	304.80 (12.00)	342.9 (13.5)											

① The suffix -P in the Catalog Number indicates PVC Coated Steel Pressure Discs. For Aluminum Pressure Discs, change P to A.
② Type CSMG and CSMC are not available in these sizes.

Conduit Sealing Bushings

For Use with Pipe, Conduit or Tubing

NEC/CEC:
Rated for Ordinary Locations

Use with Core Drilled Hole Dia. Conduit or Pipe I.D.		Single Penetration Applications Dimensions in Millimeters (Inches)						Multiple Penetration Max. O.D. for More Than One Pipe									Catalog No. ②
"A"	"B"	Steel Pipe or Conduit		Cast Iron Pipe		Copper Tubing		2 Holes	3 Holes	4 Holes	C Dia.	D Dia.	E	F	G	H	CSMI— CSML— CSMC— CSME— CSMG—
		Nom I.D.	O.D.	Nom I.D.	O.D.	Nom I.D.	O.D.										
50.80 (2.00)	52.58 (2.07)	9.65 (0.38)	17.27 (0.68)			9.65 (0.38)	12.70 (0.50)	20.07 (0.79)	18.03 (0.71)	15.24 (0.6)	76.20 (3.00)	54.10 (2.13)	71.37 (2.81)	33.27 (1.31)	41.40 (1.63)	16.00 (0.63)	200P
63.50 (2.50)	62.74 (2.47)	25.40 (1.00)	33.53 (1.32)			25.40 (1.00)	28.70 (1.13)	24.64 (0.97)	23.62 (0.93)	18.54 (0.73)	88.90 (3.50)	65.02 (2.56)	85.85 (3.38)	33.27 (1.31)	41.40 (1.63)	22.35 (0.88)	250P
76.20 (3.00)	77.98 (3.07)	31.75 (1.25)	42.16 (1.66)			31.75 (1.25)	35.05 (1.38)	30.73 (1.21)	28.19 (1.11)	23.62 (0.93)	101.60 (4.00)	81.03 (3.19)	104.90 (4.13)	33.27 (1.31)	41.40 (1.63)	22.35 (0.88)	300P
3-1/2	90.17 (3.55)		50.80 (2.00)				50.80 (2.00)	35.05 (1.38)	33.53 (1.32)	28.70 (1.13)	112.78 (4.44)	93.73 (3.69)	115.82 (4.56)	36.58 (1.44)	47.75 (1.88)	22.35 (0.88)	350P
101.60 (4.00)	102.36 (4.03)	50.80 (2.00)	60.45 (2.38)	50.80 (2.00)	63.50 (2.50)	57.15 (2.25)	60.45 (2.38)	41.40 (1.63)	37.08 (1.46)	33.53 (1.32)	127.00 (5.00)	106.43 (4.19)	130.30 (5.13)	36.58 (1.44)	47.75 (1.88)	25.40 (1.00)	400P
127 (5.00)	128.27 (5.05)	63.5 (2.5)	73.15 (2.88)	50.8 (2.00)	69.85 (2.75)			50.80 (2.00)	47.75 (1.88)	41.40 (1.63)	152.40 (6.00)	133.35 (5.25)	158.75 (6.25)	36.58 (1.44)	47.75 (1.88)	25.40 (1.00)	500P
152.40 (6.00)	154.18 (6.07)	88.9 (3.5)	101.6 (4.00)	76.2 (3.00)	92.96 (3.66)			63.50 (2.50)	54.1 (2.13)	50.8 (2.00)	179.32 (7.06)	158.75 (6.25)	187.45 (7.38)	36.58 (1.44)	47.75 (1.88)	25.4 (1.00)	600P
203.2 (8.00)	202.69 (7.98)	114.30 (4.5)	127 (5.00)	101.6 (4.00)	121.92 (4.8)			--	--	--	233.43 (9.19)	--	--	36.58 (1.44)	47.75 (1.88)	--	800P ①
254 (10.00)	254.51 (10.02)		177.8 (7.00)	152.4 (6.00)	175.26 (6.9)			--	--	--	293.62 (11.56)	--	--	36.58 (1.44)	47.75 (1.88)	--	1000P ①
304.8 (12.00)	303.28 (11.94)	203.2 (8.00)	219.2 (8.63)	203.2 (8.00)	229.87 (9.05)			--	--	--	344.42 (13.56)	--	--	39.62 (1.56)	54.1 (2.13)	--	1200P ①
355.6 (14.00)	333.5 (13.13)	254 (10)	273.05 (10.75)	254 (10.00)	289.56 (11.4)			--	--	--	15-9/16	--	--	39.62 (1.56)	54.1 (2.13)	--	1400P ①
406.4 (16.00)	381 (15.00)	304.8 (12.00)	323.85 (12.75)	304.8 (12.00)	335.28 (13.2)			--	--	--	17-9/16	--	--	39.62 (1.56)	54.1 (2.13)	--	1600P ①

① Type CSMG and CSMC are not available in these sizes.

② Please add prefix before catalog number to specify fitting type.

Cable Terminators

CEC:
Listed for Ordinary Locations

Applications

- Cable Terminators and Sealing Fittings are used on conduit ends and cable ends to effectively seal the cable and conduit.

Terminator

- The Terminator body is deep enough to provide an ample compound chamber for use indoors or outdoors. A Canvas Bakelite Cover, either with or without taping cones, is provided to space and protect the cables. Instead of a cover, a female thread can be furnished for use with a short nipple or a flexible conduit adapter. The Terminator is recommended for sealing the ends of multi-conductor cables and for sealing the ends of conduit, and cables.

Compound Bushing

- The Compound Bushing is more compact than the Terminator. Its compound chamber is not as deep. No cover or top thread is provided. It is for use in protected locations where space is limited.

Sealing Bushing

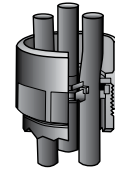
- The Sealing Bushing is similar to the compound Bushing except that a compound chamber is not provided. This fitting therefore is not recommended as a cable sealing device for use at the ends of multi-conductor cable. However, the conduit end is effectively sealed around the cable by neoprene gaskets for rubber type insulations. It is widely used to seal the ends of conduit against moisture, dust, corrosive atmospheres and objectionable gases. It is also used to seal conduit against the entrance of warm humid air which would otherwise condense inside the conduit.

Conduit Sealing Bushings

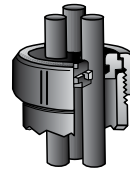
- Conduit Sealing Bushings are used for sealing ends of conduit where cables emerge in applications involving higher fluid or gas pressures than can be handled by standard sealing bushings. These Conduit Sealing Bushings are compact and require only as much space inside a cabinet as an ordinary conduit bushing.



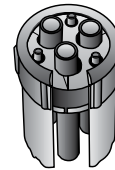
Terminator



Compound Bushing



Sealing Bushing



Conduit Sealing Bushings

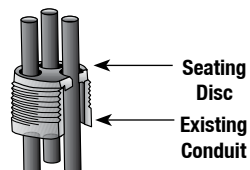
Cable Terminators

CEC:
Listed for Ordinary Locations

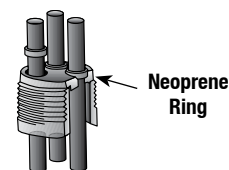
Applications

- There are many types of fittings containing Bakelite discs and O-rings which can be safely drilled in the field by following our detailed instructions. "These fittings will perform satisfactorily only when properly machined to the actual dimensions for the specific O.D. of cable used. Detailed instruction sheets containing layout data and special assembly procedures are supplied with blank fittings. Failure to comply may result in compound leakage and/or loss of seal around cable. O-Z/Gedney™ is not responsible for any field machined or modified fittings."

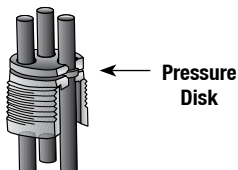
The basic principles used throughout the line of O-Z/Gedney™ Terminators covering their use with Rubber Covered Cables are clearly illustrated in this assembly.



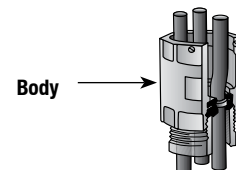
1. After cables are prepared, Bakelite seating disc with properly drilled holes is slipped over cables and set into the conduit.



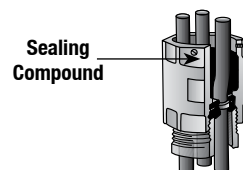
2. Neoprene rings, are placed around the cables and set into recesses in the seating disc.



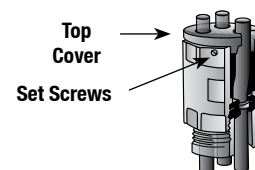
3. A Canvas Bakelite pressure disc is passed over the cables and set on top of the neoprene rings, holding them firmly in place.



4. The body is then screwed directly on the conduit, clamping the discs and applying pressure to the neoprene rings.



5. Compound is heated to the proper temperature and the body filled to the height of the set screws, making a complete seal.



6. Before compound sets, Canvas Bakelite top cover is passed over the conductors, pushed down into the hot compound and secured by set screws.

O-Z/GEDNEY

COMMERCIAL AND INDUSTRIAL FITTINGS: RIGID AND IMC CONDUIT FITTINGS

Cable Terminators

With Compound Chamber For Threaded Rigid Conduit

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables and the conduit against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Sealing Compound is not included and must be ordered separately.
- Can be field-drilled.

Standard Materials

- Body - malleable or ductile iron casting

Standard Finishes

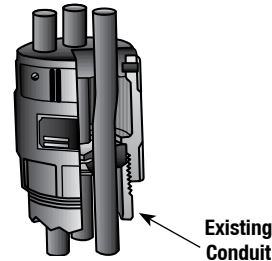
- Body - hot dip galvanized
- Sealing disc - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Lay-In-Lug™ Grounding Lug can be mounted on Terminator Body.
- Type CRC terminators are available with tapping cones for sealing rubber or plastic insulated cables.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings. Specify optional Aluminum material, see above.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type CRC

TO ORDER SPECIFY:

- Catalog Number
- Number of cables
- Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)		Approx. Compound Req'd. (Pints)	Catalog Number
	1 ① Wire	2 Wires	3 Wires	4 Wires	Max. Dia.	Overall Height		
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	57.15 (2.25)	79.50 (3.13)	1/8	CRC-125
1-1/2"	30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	60.45 (2.38)	82.55 (3.25)	1/8	CRC-150
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	76.20 (3.00)	95.25 (3.75)	1/4	CRC-200
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	88.90 (3.50)	107.95 (4.25)	1/2	CRC-250
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	107.95 (4.25)	120.65 (4.75)	3/4	CRC-300
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	120.65 (4.75)	130.30 (5.13)	1	CRC-350
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	136.65 (5.38)	149.35 (5.88)	1-1/2	CRC-400
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	165.10 (6.50)	165.10 (6.50)	2-3/4	CRC-500
6"	114.30 (4.50)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	193.80 (7.63)	174.75 (6.88)	4	CRC-600

① Contact your local representative for price and availability on above options.

Cable Terminators

For Ends of Threaded Rigid Conduit

CEC:

Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Lay-In-Lug™ Grounding Lug can be mounted on Terminator Body.
- Can be field-drilled.

Standard Materials

- 1" and 1-1/4" body - steel
- Larger bodies - malleable or ductile iron

Standard Finishes

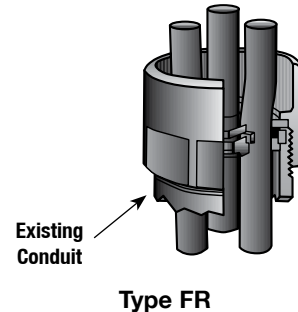
- 1" and 1-1/4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Sealing disc - canvas bakelite

Options

- Steel Bodies 1" and 1-1/4" are available with hot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



TO ORDER SPECIFY:

1. Catalog Number
2. Number of cables
3. Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)		Approx. Compound Reqd. Pints	Catalog Number
	1 ① Wire	2 Wires	3 Wires	4 Wires	Maximum Diameter	Overall Height		
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	44.45 (1.75)	41.40 (1.63)	1/20	FR-100
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	54.1 (2.13)	44.45 (1.75)	1/20	FR-125
1-1/2"	30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	60.45 (2.38)	47.75 (1.88)	1/8	FR-150
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	76.20 (3.00)	50.80 (2.00)	1/6	FR-200
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	92.20 (3.63)	63.50 (2.50)	1/3	FR-250
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	104.90 (4.13)	66.80 (2.63)	1/2	FR-300
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	117.60 (4.63)	66.80 (2.63)	1/2	FR-350
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	130.30 (5.13)	66.80 (2.63)	2/3	FR-400
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	171.45 (6.75)	79.50 (3.13)	1	FR-500

① Contact your local representative for price.

Cable Terminators

For Threaded Rigid Conduits Entering Cabinets

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Lay-In-Lug™ Grounding Lug can be mounted on Terminator Body.
- Can be field-drilled.

Standard Materials

- 1" and 1-1/4" body - steel
- Larger bodies - malleable or ductile iron

Standard Finishes

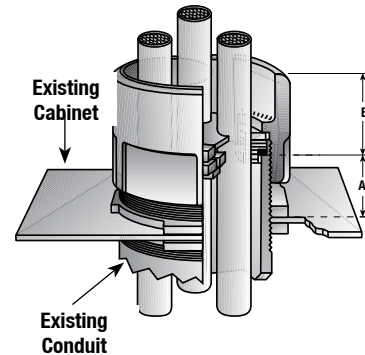
- 1" and 1-1/4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Sealing disc - canvas bakelite

Options

- Steel Bodies 1" and 1-1/4" are available with hot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type HRK

TO ORDER SPECIFY:

- Catalog Number
- Number of conductors
- Diameter over insulation of each cable

Max. Diameter of Wire Permitted – Millimeters (Inches)					Dimensions in Millimeters (Inches)				Approx. Compound Reqd.Pints	Catalog Number
Conduit Size	1 ① Wire	2 Wires	3 Wires	4 Wires	Maximum Diameter	"A" Min.	"B"			
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	44.45 (1.75)	25.4 (1.00)	28.7 (1.13)	1/20		HRK-100
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	60.45 (2.38)	25.4 (1.00)	31.75 (1.25)	1/20		HRK-125
1-1/2"	30.48 (1.2)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	66.80 (2.63)	25.4 (1.00)	31.75 (1.25)	1/8		HRK-150
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	79.50 (3.13)	28.7 (1.13)	38.1 (1.50)	1/6		HRK-200
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	92.20 (3.63)	35.05 (1.38)	44.45 (1.75)	1/3		HRK-250
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	111.25 (4.38)	38.1 (1.50)	47.75 (1.88)	1/2		HRK-300
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	127 (5.00)	38.1 (1.50)	47.75 (1.88)	1/2		HRK-350
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	139.7 (5.50)	38.1 (1.50)	47.75 (1.88)	2/3		HRK-400
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	174.75 (6.88)	41.4 (1.63)	60.45 (2.38)	1		HRK-500

① Contact your local representative for price.

Cable Terminators

For Exposed Cables Entering Cabinets

CEC:

Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.
- Lay-In-Lug™ Grounding Lug can be mounted on Terminator Body.
- Can be field-drilled.

Standard Materials

- 1" and 1-1/4" body - steel
- Larger bodies - malleable or ductile iron

Standard Finishes

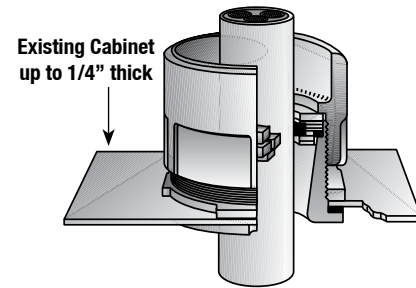
- 1" and 1-1/4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Sealing disc - canvas bakelite

Options

- Steel Bodies 1" and 1-1/4" are available with hot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type HRE

TO ORDER SPECIFY:

- Catalog Number
- Number of conductors
- Diameter over insulation of each conductor

Max. Diameter of Wire Permitted – Millimeters (Inches)					Dimensions in Millimeters (Inches)		Approx. Compound Reqd.Pints	Catalog Number
1 ① Wire	2 Wires	3 Wires	4 Wires	Knockout Size	Maximum Diameter	Overall Height		
19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	1"	44.45 (1.75)	54.10 (2.13)	1/20	HRE-100
25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	1-1/4"	60.45 (2.38)	57.15 (2.25)	1/20	HRE-125
30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	1-1/2"	66.80 (2.63)	57.15 (2.25)	1/8	HRE-150
38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	2"	79.50 (3.13)	66.80 (2.63)	1/6	HRE-200
46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	2-1/2"	92.20 (3.63)	79.50 (3.13)	1/3	HRE-250
57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	3"	111.25 (4.38)	85.85 (3.38)	1/2	HRE-300
67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	3-1/2"	127.00 (5.00)	85.85 (3.38)	1/2	HRE-350
76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	4"	139.70 (5.5)	85.85 (3.38)	2/3	HRE-400
95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	5"	174.75 (6.88)	101.60 (4.00)	1	HRE-500

① Contact your local representative for price.

Cable Terminators

For Exposed Cables Entering Cabinets - with pOZI-grip™ Wedging Plug

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables.
- Supports a vertical length of cable per NEC Section 300.19(A).
- Provides an ample sealing compound chamber for use indoors or outdoors.
- Sealing Compound is not included and must be ordered separately.
- Supplied with a locknut and neoprene sealing ring for cabinets up to 1/4" thick.
- Lay-In-Lug™ Grounding Lug can be mounted on Compound Chamber.

Standard Materials

- 1" and 1-1/4" body - steel
- Larger bodies - malleable or ductile iron
- Locknut - steel or malleable iron

Standard Finishes

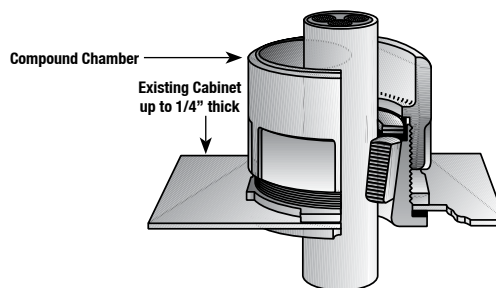
- 1" and 1-1/4" body - zinc electroplated
- Larger bodies - hot dip galvanized
- Locknut - zinc electroplated
- Wedging plug - canvas bakelite

Options

- Steel Bodies 1" and 1-1/4" are available with hot dip galvanized finish.
- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type HPE with Canvas Bakelite Wedging Plug

TO ORDER SPECIFY:

- Catalog Number
- Number of cables
- Diameter over insulation of each cable

Cable support plugs will not be supplied undrilled.

Dimensions in Millimeters (Inches)					
Max. Cable Dia.	Knockout Size	Max. Dia.	Height Inside Box	Approx. Compound Req'd. Pints	Catalog Number
17.27 (0.68)	1"	44.45 (1.75)	54.10 (2.13)	1/20	HPE-100
23.62 (0.93)	1-1/4"	60.45 (2.38)	57.15 (2.25)	1/20	HPE-125
30.48 (1.20)	1-1/2"	66.80 (2.63)	57.15 (2.25)	1/8	HPE-150
38.86 (1.53)	2"	79.50 (3.13)	66.80 (2.63)	1/6	HPE-200
46.48 (1.83)	2-1/2"	92.20 (3.63)	79.50 (3.13)	1/3	HPE-250
57.91 (2.28)	3"	111.25 (4.38)	85.85 (3.38)	1/2	HPE-300
67.31 (2.65)	3-1/2"	127.00 (5.00)	85.85 (3.38)	1/2	HPE-350
76.20 (3.00)	4"	139.70 (5.50)	85.85 (3.38)	2/3	HPE-400
95.25 (3.75)	5"	174.75 (6.88)	101.60 (4.00)	1	HPE-500

Cable Terminators

For Ends of Threaded Rigid Conduits

CEC:

Listed for Ordinary Locations

Applications

- Provides a seal at the top of a vertical conduit for one or more single or multiple conductor cables. Excludes water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables in rigid conduit.
- Lay-In-Lug™ Grounding Lug can be mounted on Locking Collar.
- Can be field-drilled.
- For applications involving IMC, EMT or PVC conduit, a short nipple of rigid conduit should be used entering the bottom threaded hub.

Standard Materials

- Locking collar - malleable or ductile iron
- Locknut - steel or malleable iron

Standard Finishes

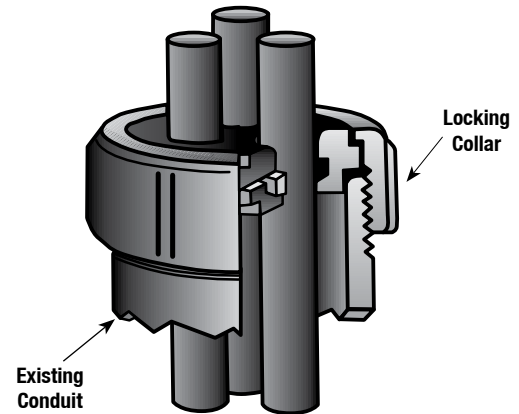
- Locking collar - hot dip galvanized
- Locknut - zinc electroplated
- Sealing discs - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type KR

TO ORDER SPECIFY:

1. Catalog Number
2. Number of cables
3. Diameter over insulation of each cable

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)		Catalog Number
	1 ② Wire	2 Wires	3 Wires	4 Wires	Max. Dia.	Overall Height	
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	41.40 (1.63)	25.40 (1.00)	KR-100
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	47.75 (1.88)	28.70 (1.13)	KR-125
1-1/2"	30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	60.45 (2.38)	28.70 (1.13)	KR-150
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	71.37 (2.81)	28.70 (1.13)	KR-200
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	85.85 (3.38)	35.05 (1.38)	KR-250
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	101.60 (4.00)	38.10 (1.50)	KR-300
3-1/2"	67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	114.30 (4.50)	38.10 (1.50)	KR-350
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	130.30 (5.13)	41.4 (1.63)	KR-400
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	158.75 (6.25)	44.45 (1.75)	KR-500
6"	114.30 (4.50)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	187.45 (7.38)	44.45 (1.75)	KR-600

① Contact your local representative for price.

Cable Terminators

For Exposed Cables Entering Cabinets

CEC:
Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables.
- Supplied with a Zinc Electroplated Locknut and Neoprene Sealing Ring for cabinets up to 1/4" thick.
- Lay-In-Lug™ Grounding Lug can be mounted on Locking Collar.
- Can be field-drilled.

Standard Materials

- Locking collar and body - malleable or ductile iron

Standard Finishes

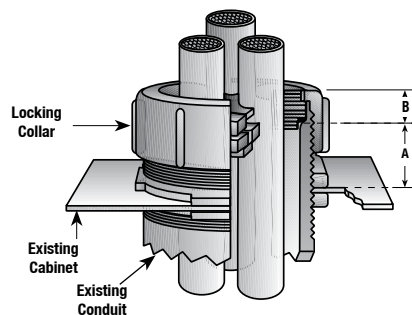
- Locking collar and body - hot dip galvanized
- Sealing discs - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584
- CSA Standard: C22.2 No. 18



Type GRK

TO ORDER SPECIFY:

- Catalog Number
- Number of conductors
- Diameter over insulation of each conductor

Conduit Size	Max. Diameter of Wire Permitted – Millimeters (Inches)				Dimensions in Millimeters (Inches)			Catalog Number
	1 ① Wire	2 Wires	3 Wires	4 Wires	Maximum Dia.	"A"	"B"	
1"	19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	44.45 (1.75)	25.40 (1.00)	12.70 (0.50)	GRK-100
1-1/4"	25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	60.45 (2.38)	25.40 (1.00)	12.70 (0.50)	GRK-125
1-1/2"	30.48 (1.2)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	66.80 (2.63)	25.40 (1.00)	12.70 (0.50)	GRK-150
2"	38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	79.50 (3.13)	28.70 (1.13)	12.70 (0.50)	GRK-200
2-1/2"	46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	92.20 (3.63)	35.05 (1.38)	16.00 (0.63)	GRK-250
3"	57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	111.25 (4.38)	35.05 (1.38)	16.00 (0.63)	GRK-300
3-1/2"	67.31 (2.65)	35.56 (1.4)	34.04 (1.34)	28.45 (1.12)	127.00 (5.00)	38.10 (1.50)	19.05 (0.75)	GRK-350
4"	76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	139.70 (5.50)	38.10 (1.50)	19.05 (0.75)	GRK-400
5"	95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	174.75 (6.88)	41.40 (1.63)	25.40 (1.00)	GRK-500
6"	114.30 (4.5)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	193.8 (7.63)	44.45 (1.75)	25.40 (1.00)	GRK-600

① Contact your local representative for price.

Cable Terminators

For Exposed Cables Entering Cabinets

CEC:

Listed for Ordinary Locations

Applications

- To effectively seal one or more single or multiple conductor cables against the entrance of water, damp or corrosive atmospheres, hot or cold air or dust.

Features

- For rubber or plastic insulated cables.
- Supplied with a Zinc Electroplated Locknut and Neoprene Sealing Ring for cabinets up to 1/4" thick.
- Lay-In-Lug™ Grounding Lug can be mounted on Locking Collar.
- Can be field-drilled.

Standard Materials

- Locking collar and body - malleable or ductile iron

Standard Finishes

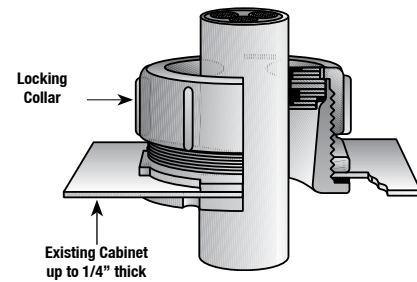
- Locking collar and body - hot dip galvanized
- Sealing discs - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.

CEC Certifications and Compliances

- CSA Certified: 11584



Type GRE

TO ORDER SPECIFY:

1. Catalog Number
2. Number of conductors
3. Diameter over insulation of each conductor

Max. Diameter of Wire Permitted – Millimeters (Inches)					Dimensions in Millimeters (Inches)		
1 ① Wire	2 Wires	3 Wires	4 Wires	Knockout Size	Max. Dia.	Overall Height	Catalog Number
19.81 (0.78)	9.65 (0.38)	8.64 (0.34)	7.87 (0.31)	1"	44.45 (1.75)	38.10 (1.50)	GRE-100
25.91 (1.02)	13.97 (0.55)	12.70 (0.50)	11.18 (0.44)	1-1/4"	60.45 (2.38)	41.40 (1.63)	GRE-125
30.48 (1.20)	16.00 (0.63)	14.99 (0.59)	12.95 (0.51)	1-1/2"	66.80 (2.63)	41.40 (1.63)	GRE-150
38.86 (1.53)	20.57 (0.81)	18.54 (0.73)	16.51 (0.65)	2"	79.50 (3.13)	41.40 (1.63)	GRE-200
46.48 (1.83)	24.64 (0.97)	23.62 (0.93)	19.81 (0.78)	2-1/2"	92.20 (3.63)	50.80 (2.00)	GRE-250
57.91 (2.28)	30.73 (1.21)	29.46 (1.16)	24.64 (0.97)	3"	111.25 (4.38)	54.10 (2.13)	GRE-300
67.31 (2.65)	35.56 (1.40)	34.04 (1.34)	28.45 (1.12)	3-1/2"	127.00 (5.00)	57.15 (2.25)	GRE-350
76.20 (3.00)	40.13 (1.58)	38.61 (1.52)	32.26 (1.27)	4"	139.70 (5.50)	60.45 (2.38)	GRE-400
95.25 (3.75)	50.55 (1.99)	48.51 (1.91)	40.64 (1.60)	5"	174.75 (6.88)	66.80 (2.63)	GRE-500
114.30 (4.50)	60.71 (2.39)	58.42 (2.30)	48.77 (1.92)	6"	193.80 (7.63)	76.20 (3.00)	GRE-600 ②

① Contact your local representative for price.

② Not CSA Supported.

Cable Terminators

For Exposed Cables Entering Cabinets - with pOZI-grip™ Wedging Plug

CEC:
Listed for Ordinary Locations

Applications

- Provides cable support for one or more single or multiple conductor cables entering a cabinet or enclosure.

Features

- For rubber or plastic insulated cables.
- Supports a vertical length of cable per NEC Section 300.19(A).
- Supplied with a locknut and neoprene sealing ring for cabinets up to 1/4" thick.
- Lay-In-Lug™ Grounding Lug can be mounted on Locking Collar.
- Cable Support Plugs cannot be field-drilled.

Standard Materials

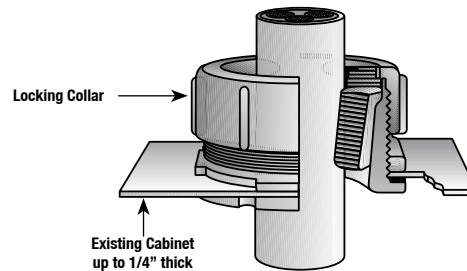
- Locking collar and body - malleable or ductile iron

Standard Finishes

- Locking collar and body - hot dip galvanized
- Pressure disc and wedging plug - canvas bakelite

Options

- Fittings can be furnished for more than four wires or wires of varying sizes.
- Due to the possibility of Magnetic Induction Heating, a single alternating current conductor should not be used in iron fittings.
- Contact your local representative for price and availability on above options.



Type GPE with Canvas Bakelite Wedging Plug

TO ORDER SPECIFY:

1. Catalog Number
2. Number of conductors
3. Diameter over insulation of each conductor

Cable support plugs will not be supplied undrilled.

CEC Certifications and Compliances

- CSA Certified: 11584
- CSA Standard: C22.2 No. 18

Dimensions in Millimeters (Inches)				
Max. Cable Dia.	Knockout Size	Max. Dia.	Height Inside Box	Catalog Number
17.27 (0.68)	1"	44.45 (1.75)	38.10 (1.50)	GPE-100
23.62 (0.93)	1-1/4"	60.45 (2.38)	41.40 (1.63)	GPE-125
30.48 (1.20)	1-1/2"	66.8 (2.63)	41.40 (1.63)	GPE-150
38.86 (1.53)	2"	79.5 (3.13)	41.40 (1.63)	GPE-200
46.48 (1.83)	2-1/2"	92.20 (3.63)	50.80 (2.00)	GPE-250
57.91 (2.28)	3"	111.25 (4.38)	54.10 (2.13)	GPE-300
67.31 (2.65)	3-1/2"	127.00 (5.00)	57.15 (2.25)	GPE-350
76.20 (3.00)	4"	139.70 (5.50)	60.45 (2.38)	GPE-400
95.25 (3.75)	5"	174.75 (6.88)	66.80 (2.63)	GPE-500
114.30 (4.50)	6"-	193.80 (7.63)	76.20 (3.00)	GPE-600 ①

① Not CSA Supported.

Cable Terminators

DOZSeal Sealing Insulating Compound

For Use in Terminators, Compound Bushings and Compound Type Cable Supports

CEC:
Rated for Ordinary Locations

dOZseal 220 is a universal medium-soft asphaltic base compound having a low softening point and low pouring temperature. The compound remains plastic at low temperatures and remains viscous at the highest cable operating temperature.

Used In:

- Gasketed or Threaded Splice Fittings and Gasketed Terminators.

Use in Non-Hazardous Location With:

- Any cable having solid type insulation, such as Paper, Varnished Cambric, Rubber, Butyl, Cross-Linked Polyethylene, or High Molecular weight Polyethylene rated 34.5KV and below.

dOZseal 225 is a high ambient medium-hard asphaltic base compound having a medium-low softening point and a low pouring temperature. The compound remains plastic at medium-low temperatures and remains more viscous at the highest cable operating temperature.

Used In:

- Gasketed or Threaded Splice Fittings and Gasketed Terminators, when they are installed in hot climates or in hot exposures.

Use in Non-Hazardous Location With:

- Cables having solid type insulation, such as Paper, Varnished Cambric, Rubber, and Butyl rated 34.5KV and below.

dOZseal 230 is a hard asphaltic base compound having a high softening point and high pouring temperature. The compound remains plastic at the highest cable operating temperature.

Used In:

- Non-Gasketed Terminators or Cable Supports.

Use in Non-Hazardous Location With:

- Any cable having solid type insulation.

For shipping purposes, the approximate gross weight of the above compounds is 10 lbs. per gallon.

NOTE: When ordering Compound specify by number of units only, not quarts or gallons.

For Use In Terminators, Compound Bushings, Compound Type Cable Supports				
Compound Number	Type	Catalog Number		
		One Qt. Can	One Gal. Bucket	
dOZseal 220	Medium-soft asphaltic base	DOZ-220Q	DOZ-220G	
dOZseal 225	Medium-hard asphaltic base	DOZ-225Q	DOZ-225G	
dOZseal 230	Hard asphaltic base	DOZ-230Q	DOZ-230G	

Characteristics				
Characteristics	Unit	DOZSEAL Filling Compounds		
		DOZSEAL 220	DOZSEAL 225	DOZSEAL 230
Softening Point	°F	115-125	165-170	230-240
Pouring Temperature	°F	325-375	325-375	375-400
Flash Point	°F	475	475	475
Dielectric Strength	KV	50	50	55