

FM8™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following

Hazardous Locations:

Class I, Division 2 per NEC 501.10(B)(4)

Wet Locations, NEMA 3R with cover and gasket

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Completely interchangeable with Crouse-Hinds[†] Form 8™[†] bodies, gaskets and covers. Equivalent FM8™ and Form 8™ units have identical applications and installation dimensions.
- Flat back design provides greater cubic content for easier wire pulling, and more room for splicing. Fits flush and snug against flat surfaces for more stable installation.
- Covers with gaskets are suitable for use in wet locations.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.

Standard Materials

- Bodies: grayloy-iron
- Covers: cast grayloy-iron or stamped steel
- Cover screws: stainless steel
- Gaskets: neoprene

Standard Finishes

- Grayloy-iron bodies and covers: triplecoat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

Options

- No paint and coatings available on select bodies and covers. Add suffix **-NP** to catalog number.

NEC/CEC Certifications and Compliances

- UL Standard: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes*.



Type LB



Grayloy™-Iron Conduit Body with cast cover. 1" Type C shown

[†] Crouse-Hinds and Form 8 are registered trademarks of Cooper Crouse-Hinds.

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Appleton™ FM8™ Blank Covers and Gaskets ①

Body Size (Inches)	Stamped Cover Steel	Cast Cover Grayloy—Iron ②	Solid Gasket Neoprene	Open Gasket Neoprene
				
1/2	180	180F	GASK851N	—
3/4	280	280F	GASK852N	—
1	380	380F	GASK853N	—
1-1/4	480	480F	GASK854N	—
1-1/2	580	580F	—	GASK805N
2	680	680F	—	GASK806N
2-1/2	880	880F	—	GASK808N
3	880	880F	—	GASK808N
3-1/2	980	980F	—	GASK809N
4	980	980F	—	GASK809N

Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Hub Size (Inches)	Capacity — dm ³ (in ³)						Stamped Cover	Cast Cover
	C	LB	LL, LR	T	TB	X		
1/2	0.08 (5.00)	0.08 (5.00)	0.08 (5.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.01 (0.50)	0.00 (0.30)
3/4	0.13 (8.00)	0.13 (8.00)	0.13 (8.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.01 (0.80)	0.01 (0.80)
1	0.21 (13.00)	0.21 (13.00)	0.21 (13.00)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.02 (1.00)	0.02 (1.00)
1-1/4	0.39 (24.00)	0.39 (24.00)	0.39 (24.00)	0.41 (25.00)	0.41 (25.00)	0.41 (25.00)	0.02 (1.50)	0.02 (1.50)
1-1/2	0.70 (42.50)	0.70 (42.50)	0.70 (42.50)	0.72 (44.00)	0.72 (44.00)	0.72 (44.00)	0.03 (1.80)	0.12 (7.50)
2	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	1.72 (105.00)	0.07 (4.50)	0.20 (12.50)
2-1/2	3.28 (200.00)	3.28 (200.00)	3.28 (200.00)	3.28 (200.00)	—	—	0.20 (12.30)	0.57 (34.50)
3	3.56 (217.00)	3.56 (217.00)	3.56 (217.00)	3.56 (217.00)	—	—	0.20 (12.30)	0.57 (34.50)
3-1/2	—	6.23 (380.00)	—	—	—	—	0.39 (24.00)	1.07 (65.30)
4	—	6.55 (400.00)	—	—	—	—	0.39 (24.00)	1.07 (65.30)

① Covers furnished with stainless steel screws, 1-1/2" – 4" covers provided with 4 screws.

② PVC coating available on select FM8™ covers. Add suffix **-PVC** to catalog number.