

FM7™ 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.
- Wedge-Lok™ Form-IN-Place covers with integral gasket are suitable for use in wet locations. Grayloy-iron bodies with cast covers and gasket are suitable for use in wet locations.
- Unique Wedge-Lok™ clip cover design allows easy removal at any later time, without damaging the conduit body. The cover is secured with clips, not screws.
- Completely interchangeable with Crouse-Hinds™ Form 7™ bodies, gaskets and covers. Equivalent FM7™ and Form 7™ 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.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.
- Pan-head cover screws secure cover clips and provide superior screwdriver seating and torque. Cover screws and clips are captive to prevent loss.
- Hub size, body style, compliance data, maximum wire number/size and cubic capacity molded into body.

Standard Materials

- Body: Grayloy-iron or copperfree (4/10 of 1% max.) aluminum
- Covers: Grayloy-iron, copperfree (4/10 of 1% max.) aluminum or steel
- Cover screws: stainless steel

Standard Finishes

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

Options

- PVC coating available on select bodies and covers. Add suffix -PVC to catalog number.

NEC/GEC Certifications and Compliances

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



Type LB

Illustrated Features



Conduit Body with Cast Aluminum Cover, 1" Type C shown



Grayloy™-Iron, 1" Type C shown with cut-away body and cover to illustrate Wedge-Lok™ Clip Cover detail

Illustrated views are cut away to demonstrate back configurations.



Appleton™ FM7™ (C57, 1-1/2")
28 Cubic Inches Capacity
Flat-Back Design



Crouse-Hinds Form 7™
(C57, 1-1/2")
26 Cubic Inches Capacity

† Crouse-Hinds and Form 7™ are registered trademarks of Cooper Crouse-Hinds.

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Wedge-Lok™ Clip Covers, Gaskets (Covers furnished with stainless steel screws)

Body Size(Inches)	Wedge-Lok Cast Cover		Wedge-Lok Stamped Cover		Solid Neoprene Gasket
	Grayloy-Iron	Aluminum	Steel	Aluminum ①	
					
1/2	APP170F	APP170F-SA	APP170	APP170-SA	APPGASK571
3/4	APP270F	APP270F-SA	APP270	APP270-SA	APPGASK572
1	APP370F	APP370F-SA	APP370	APP370-SA	APPGASK573
1-1/4	APP470F	APP470F-SA	APP470	APP470-SA	APPGASK574
1-1/2	APP570F	APP570F-SA	APP570	APP570-SA	APPGASK575
2	APP670F	APP670F-SA	APP670	APP670-SA	APPGASK576
2-1/2	APP870F	APP870F-SA	APP870	APP870-SA	APPGASK578
3	APP870F	APP870F-SA	APP870	APP870-SA	APPGASK578
3-1/2	APP970F	APP970F-SA	APP970	APP970-SA	APPGASK579
4	APP970F	APP970F-SA	APP970	APP970-SA	APPGASK579

APPLETON™

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

① PVC coating available on select aluminum covers. Add suffix **-PVC** to catalog number.

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Wet Locations, NEMA 3R with cover and gasket

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	E	LB	LL LR	L	T	TA	TB	X		
FM7™ Grayloy™-Iron Bodies and Covers: Threaded											
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.08 (5.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.10 (6.00)	0.00 (0.30)	0.01 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.15 (9.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.16 (10.00)	0.01 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.22 (13.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.37 (22.50)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.51 (31.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
FM7™ Aluminum Bodies and Covers: Threaded											
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	—	0.10 (6.00)	—	0.10 (6.00)	0.10 (6.00)	0.005 (0.30)	0.007 (0.40)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	—	0.16 (10.00)	—	0.16 (10.00)	0.16 (10.00)	0.008 (0.50)	0.01 (0.80)
1	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	0.18 (11.00)	—	0.25 (15.50)	—	0.25 (15.50)	0.25 (15.50)	0.02 (1.30)	0.02 (1.30)
1-1/4	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	—	0.33 (20.00)	—	0.33 (20.00)	0.33 (20.00)	0.03 (1.80)	0.03 (2.00)
1-1/2	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	—	0.46 (28.00)	—	0.46 (28.00)	0.46 (28.00)	0.04 (2.30)	0.05 (3.00)
2	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	—	0.82 (50.00)	—	0.82 (50.00)	0.82 (50.00)	0.05 (2.80)	0.08 (4.80)
2-1/2	1.67 (102.00)	—	1.67 (102.00)	1.67 (102.00)	—	1.67 (102.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3	2.18 (133.00)	—	2.18 (133.00)	2.18 (133.00)	—	2.18 (133.00)	—	—	—	0.16 (9.80)	0.16 (9.70)
3-1/2	—	—	3.57 (218.00)	3.57 (218.00)	—	3.57 (218.00)	—	—	—	0.27 (16.50)	0.26 (16.00)
4	—	—	4.00 (244.00)	4.00 (244.00)	—	4.00 (244.00)	—	—	—	0.27 (16.50)	0.26 (16.00)