

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)

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 approved for use in wet locations. Grayloy-iron bodies with cast covers and gasket are approved 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/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



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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Appleton™ FM7™ Conduit Bodies ①

LR				T		
Hub Size (Inches)	Max. Wire Fill	Grayloy–Iron	Aluminum ③	Max. Wire Fill	Grayloy–Iron	Aluminum ③
						
1/2	②	LR17	LR-17SA	②	T17	T-17SA
3/4	(3) # 6	LR27	LR-27SA	(3) # 6	T27	T-27SA
1	(3) # 4	LR37	LR-37SA	(3) # 4	T37	T-37SA
1-1/4	(3) # 2	LR47	LR-47SA	(3) # 3	T47	T-47SA
1-1/2	(3) # 2	LR57	LR-57SA	(3) # 3	T57	T-57SA
2	(3) # 2	LR67	LR-67SA	(3) # 2	T67	T-67SA
2-1/2	—	LR77	LR-77SA	(3) 1/0	T77	T-77SA
3	(3) 250	LR87	LR-87SA	(3) 1/0	T87	T-87SA
3-1/2	(3) 350	LR97	LR-97SA	(3) 3/0	T97	T-97SA
4	(3) 350	LR107	LR-107SA	(3) 3/0	T107	T-107SA

Hub Size (Inches)	Max. Wire Fill	TB		Max. Wire Fill	X	
		Grayloy–Iron	Aluminum ③		Grayloy–Iron	Aluminum ③
						
1/2	②	TB17	TB-17SA	②	X17	X-17SA
3/4	(3) # 6	TB27	TB-27SA	(3) # 6	X27	X-27SA
1	(3) # 4	TB37	TB-37SA	(3) # 4	X37	X-37SA
1-1/4	(3) # 3	TB47	TB-47SA	(3) # 3	X47	X-47SA
1-1/2	(3) # 2	TB57	TB-57SA	(3) # 2	X57	X-57SA
2	(3) # 2	TB67	TB-67SA	(3) # 2	X67	X-67SA

① Refer to following pages for Wiring Capacity Table.

② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

③ PVC coating available on select aluminum bodies. Add suffix -PVC to catalog number.