

FM7™ Unilet® Conduit Outlet Bodies

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

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

Certifications and Compliances

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

Options

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



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.

FM7™ Wedge-Lok™ Clip Covers, Gaskets

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

Appleton FM7 Blank Covers and 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 ‡ | |
| |  | |  | |  |
| 1/2 | 170F | 170F-SA | 170 | 170-SA | GASK571 |
| 3/4 | 270F | 270F-SA | 270 | 270-SA | GASK572 |
| 1 | 370F | 370F-SA | 370 | 370-SA | GASK573 |
| 1-1/4 | 470F | 470F-SA | 470 | 470-SA | GASK574 |
| 1-1/2 | 570F | 570F-SA | 570 | 570-SA | GASK575 |
| 2 | 670F | 670F-SA | 670 | 670-SA | GASK576 |
| 2-1/2 | 870F | 870F-SA | 870 | 870-SA | GASK578 |
| 3 | 870F | 870F-SA | 870 | 870-SA | GASK578 |
| 3-1/2 | 970F | 970F-SA | 970 | 970-SA | GASK579 |
| 4 | 970F | 970F-SA | 970 | 970-SA | GASK579 |

Fittings

FITTINGS: CONDUIT BODIES

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

FM7™ Unilet® Conduit Outlet Bodies and Covers Wiring Capacity

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

Fittings
FITTINGS: CONDUIT BODIES

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

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

FM7™ Unilet® Conduit Outlet Bodies

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

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

Certifications and Compliances

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

Options

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



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.

FM7™ Wedge-Lok™ Clip Covers, Gaskets

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

Appleton FM7 Blank Covers and 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 ‡ | |
| |  | |  | |  |
| 1/2 | 170F | 170F-SA | 170 | 170-SA | GASK571 |
| 3/4 | 270F | 270F-SA | 270 | 270-SA | GASK572 |
| 1 | 370F | 370F-SA | 370 | 370-SA | GASK573 |
| 1-1/4 | 470F | 470F-SA | 470 | 470-SA | GASK574 |
| 1-1/2 | 570F | 570F-SA | 570 | 570-SA | GASK575 |
| 2 | 670F | 670F-SA | 670 | 670-SA | GASK576 |
| 2-1/2 | 870F | 870F-SA | 870 | 870-SA | GASK578 |
| 3 | 870F | 870F-SA | 870 | 870-SA | GASK578 |
| 3-1/2 | 970F | 970F-SA | 970 | 970-SA | GASK579 |
| 4 | 970F | 970F-SA | 970 | 970-SA | GASK579 |

Fittings

FITTINGS: CONDUIT BODIES

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

FM7™ Unilet® Conduit Outlet Bodies and Covers Wiring Capacity

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

FITTINGS: CONDUIT BODIES

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

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