

FM9™ Aluminum Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC.

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

- Roomy interiors: deep body cavity provides increased volume allowing higher wiring capacity.
- 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 + Mark9 + bodies, gaskets and covers. Equivalent FM9™ and Mark9 + units have identical applications and installation dimensions.
- Seven body styles available in 1/2" thru 4" sizes, TB's in 1/2" thru 2" and X's in 1/2" thru 1".
- Aluminum Unilets™: produced from a high-strength copperfree aluminum alloy, for light weight and high corrosion resistance.
- FM9™ covers with integral gasket are suitable for use in wet locations.
- Covers are domed for extra wiring space.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.
- Stainless steel pan-head cover screws secure cover to body and provide superior screwdriver seating and torque. Cover screws are captive to prevent loss in sizes 1/2" thru 2".
- Hub size, body style, compliance data, maximum wire number/size and cubic capacity molded into body.

Standard Materials

- Conduit bodies: copperfree (4/10 of 1% max.) aluminum
- Covers: stamped copperfree (4/10 of 1% max.) aluminum
- Cover screws: stainless steel
- Gaskets: neoprene

Standard Finishes

- Conduit bodies, covers and screws: natural

Options

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

NEC/CEC Certifications and Compliances

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



Type LL with Form-IN-Place cover



Captive Stainless Steel Pan-Head Cover Screws



+ Crouse-Hinds and Mark9 are registered trademarks of Cooper Crouse-Hinds.

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For FM9™ Unilets™ Conduit Outlet Bodies.

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Wet Locations, NEMA 3R with cover and
gasket

Appleton™ FM9™ Blank Covers and Gaskets and Stamped Aluminum Cover with Integral Gasket (Covers furnished with Stainless Steel Screws)

| Body Size (Inches) | Stamped Aluminum Cover ① | Solid Gasket Neoprene |
|--------------------|---|---|
| |  |  |
| 1/2 | APP190 | GASK1941 |
| 3/4 | APP290 | GASK1942 |
| 1 | APP390 | GASK1943 |
| 1-1/4 | APP490 | GASK1944 |
| 1-1/2 | APP590 | GASK1945 |
| 2 | APP690 | GASK1946 |
| 2-1/2 | APP889 | GASK808N |
| 3 | APP889 | GASK808N |
| 3-1/2 | APP989 | GASK809N |
| 4 | APP989 | 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) | | | | | | Cover |
|----------------------|---|---------------|---------------|---------------|--------------|--------------|--------------|
| | C | LB | LL LR | T | TB | X | |
| 1/2 | 0.08 (4.80) | 0.08 (5.00) | 0.09 (5.30) | 0.08 (5.00) | 0.11 (6.80) | 0.12 (7.30) | 0.01 (0.50) |
| 3/4 | 0.13 (7.80) | 0.14 (8.30) | 0.14 (8.50) | 0.14 (8.30) | 0.18 (11.00) | 0.19 (11.30) | 0.01 (0.80) |
| 1 | 0.20 (12.30) | 0.21 (12.80) | 0.22 (13.30) | 0.20 (12.50) | 0.27 (16.50) | 0.28 (17.00) | 0.02 (1.00) |
| 1-1/4 | 0.41 (25.30) | 0.43 (26.50) | 0.45 (27.30) | 0.43 (26.30) | 0.42 (25.80) | — | 0.02 (1.50) |
| 1-1/2 | 0.61 (37.50) | 0.64 (39.00) | 0.65 (39.80) | 0.63 (38.50) | 0.63 (38.50) | — | 0.04 (2.50) |
| 2 | 1.27 (77.50) | 1.33 (81.30) | 1.36 (82.80) | 1.30 (79.50) | 1.26 (77.00) | — | 0.11 (6.50) |
| 2-1/2 | 3.77 (230.00) | 3.77 (230.00) | 3.77 (230.00) | 3.77 (230.00) | — | — | 0.20 (12.30) |
| 3 | 4.10 (250.00) | 4.10 (250.00) | 4.10 (250.00) | 4.10 (250.00) | — | — | 0.20 (12.30) |
| 3-1/2 | 7.37 (450.00) | 7.37 (450.00) | 7.37 (450.00) | 7.37 (450.00) | — | — | 0.39 (24.00) |
| 4 | 7.70 (470.00) | 7.70 (470.00) | 7.70 (470.00) | 7.70 (470.00) | — | — | 0.39 (24.00) |

① PVC coating available on select FM9™ covers. Add suffix **-PVC** to catalog number.