

FM9™ Aluminum Unilet® Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC.

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 Mark 9™ + 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 approved 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

Certifications and Compliances

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

Options

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



Type LL with Form-IN-Place cover



Captive Stainless Steel Pan-Head Cover Screws

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FM9™ Aluminum Unilet® Covers, Gaskets and Wiring Capacity

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

Fittings

FITTINGS: CONDUIT BODIES

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 ‡	Solid Gasket Neoprene
		
1/2	190	GASK1941
3/4	290	GASK1942
1	390	GASK1943
1-1/4	490	GASK1944
1-1/2	590	GASK1945
2	690	GASK1946
2-1/2	889	GASK808N
3	889	GASK808N
3-1/2	989	GASK809N
4	989	GASK809N

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

Hub Size (Inches)	Capacity (in ³ /dm ³)						Cover
	C	LB	LL LR	T	TB	X	
1/2	4.80/0.08	5.00/0.08	5.30/0.09	5.00/0.08	6.80/0.11	7.30/0.12	0.50/0.01
3/4	7.80/0.13	8.30/0.14	8.50/0.14	8.30/0.14	11.00/0.18	11.30/0.19	0.80/0.01
1	12.30/0.20	12.80/0.21	13.30/0.22	12.50/0.20	16.50/0.27	17.00/0.28	1.00/0.02
1-1/4	25.30/0.41	26.50/0.43	27.30/0.45	26.30/0.43	25.80/0.42	–	1.50/0.02
1-1/2	37.50/0.61	39.00/0.64	39.80/0.65	38.50/0.63	38.50/0.63	–	2.50/0.04
2	77.50/1.27	81.30/1.33	82.80/1.36	79.50/1.30	77.00/1.26	–	6.50/0.11
2-1/2	230.00/3.77	230.00/3.77	230.00/3.77	230.00/3.77	–	–	12.30/0.20
3	250.00/4.10	250.00/4.10	250.00/4.10	250.00/4.10	–	–	12.30/0.20
3-1/2	450.00/7.37	450.00/7.37	450.00/7.37	450.00/7.37	–	–	24.00/0.39
4	470.00/7.70	470.00/7.70	470.00/7.70	470.00/7.70	–	–	24.00/0.39

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

FM9® Form-IN-Place Covers with Integral Gaskets

For FM9® Unilet® Conduit Outlet Bodies.

Class I, Division 2
NEMA 3R

Applications

- Cover with integral gasket for FM9 conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.

Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".

Standard Materials

- Stamped aluminum

Certifications and Compliances

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



Fittings

FITTINGS: CONDUIT BODIES

Hub Size (Inches)	Stamped Aluminum
	
1/2	190IG
3/4	290IG
1	390IG
1-1/4	490IG
1-1/2	590IG
2	690IG
2-1/2 & 3	889IG
3-1/2 & 4	989IG