## 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 <sup>†</sup> Mark9<sup>TM</sup> <sup>†</sup> bodies, gaskets and covers. Equivalent FM9 and Mark 9<sup>TM</sup> <sup>†</sup> 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: 065183NEMA 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

# FM9<sup>™</sup> Aluminum Unilet<sup>®</sup> Covers, Gaskets and Wiring Capacity For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

## 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	Capacity (in³/dm³)						
(Inches)	C	LB	LL LR	Т	ТВ	Х	Cover
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**

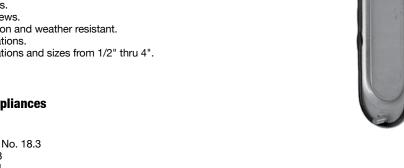
- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- · High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".

#### **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



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	