

Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum, IMC, and EMT 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

- Roomy interiors: more wiring space.
- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 85 copperfree aluminum Unilets™ are lightweight, self-oxidizing, self-renewing and offer a high corrosion resistance.
- Lightweight aluminum facilitates shipping, handling and installing.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.
- Raintight when a cover and gasket are installed.

Standard Materials

- Bodies: copperfree (max. 4/10 of 1%) aluminum
 - 1/2" thru 2": pressure cast
 - 2-1/2" thru 4": sand cast
- Blank covers: malleable iron, steel or aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

Standard Finishes

- Aluminum bodies: epoxy powder coat
- Stamped aluminum covers: natural finish
- Cast aluminum covers: epoxy powder coat

Options

- PVC coating available on all threaded 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

Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes in Protection and Control of Electrical Apparatus and Circuits Catalog*.



Conduit Body with Stamped Aluminum Cover. 2" Type C shown.



Typical Form 85 Conduit Bodies with Setscrews.
For use with Electrical Metallic Tubing (EMT).

Appleton®

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

Covers Furnished with Stainless Steel Fastening Screws.

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Covers and Gaskets

Body Size (Inches)	Blank Stamped Aluminum ①	Blank Cast Aluminum	Neoprene	Composition Fiber
	 Domed: 1/2" – 3"	 Flat: 1/2" – 2"		
	 Flat: 3-1/2" – 6"	 Domed: 2-1/2" – 4"	Tear out inner section to convert to "open type" gasket.	
1/2	K50-A	K50-CA	GK50-N	GK50-V
3/4	K75-A	K75-CA	GK75-N	GK75-V
1	K100-A	K100-CA	GK100-N	GK100-V
1-1/4	K125-150-A	K125-150-CA	GK125-150-N	GK125-150-V
1-1/2	K125-150-A	K125-150-CA	GK125-150-N	GK125-150-V
2	K200-A	K200-CA	GK200-N	GK200-V
2-1/2	K250-300-A	K250-300-CA	GK250-300-N	GK-250-300-V
3	K250-300-A	K250-300-CA	GK250-300-N	GK-250-300-V
3-1/2	K350-400-A	K350-400-CA	GK350-400-N	GK-350-400-V
4	K350-400-A	K350-400-CA	GK350-400-N	GK-350-400-V

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

Hub Size (Inches)	C	E	LB	LL LR	LRL	Capacity — dm ³ (in ³)		TB	X	Stamped Cover	Cast Cover
						T	TA				
1/2	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	0.07 (4.00)	—	0.07 (4.00)	—	0.10 (6.00)	0.07 (4.00)	0.01 (0.50)	0.00 (0.00)
3/4	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	0.11 (7.00)	—	0.11 (7.00)	—	0.11 (7.00)	0.11 (7.00)	0.01 (0.80)	0.00 (0.30)
1	0.19 (11.80)	0.19 (11.80)	0.19 (11.80)	0.19 (11.80)	—	0.19 (11.80)	—	0.21 (13.00)	0.19 (11.80)	1.00 (25.4)	0.01 (0.50)
1-1/4	0.57 (34.80)	—	0.57 (34.80)	0.57 (34.80)	—	0.57 (34.80)	—	0.57 (35.00)	—	0.04 (2.50)	0.01 (0.80)
1-1/2	0.57 (35.00)	—	0.57 (35.00)	0.57 (35.00)	—	0.57 (35.00)	—	0.57 (34.50)	—	0.04 (2.50)	0.01 (0.80)
2	1.15 (70.00)	—	1.15 (70.00)	1.15 (70.00)	—	1.15 (70.00)	—	1.16 (71.00)	—	0.11 (6.50)	0.02 (1.00)
2-1/2	2.34 (143.00)	—	2.28 (139.00)	3568.7 (140.50)	—	2.39 (146.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3	2.95 (180.00)	—	2.90 (177.00)	2.87 (175.00)	—	3.03 (185.00)	—	—	—	0.29 (18.00)	0.49 (30.00)
3-1/2	4.97 (303.00)	—	4.92 (300.00)	4.92 (300.00)	—	5.15 (314.00)	—	—	—	—	0.82 (50.00)
4	5.57 (340.00)	—	5.41 (330.00)	5.41 (330.00)	—	5.65 (345.00)	—	—	—	—	0.82 (50.00)

① Add suffix -PVC to catalog number.