

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.

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 copperfree (max. 4/10 of 1%) 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).

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

Threaded Type for use with Rigid Metal Conduit and IMC; Setscrew Type for use with Electrical Metallic Tubing (EMT).

NEC/CEC — Suitable for use in the following

Hazardous Locations:

Class I, Division 2 per NEC 501.10(B)(4)

Appleton™ Form 85™ Conduit Bodies: Threaded/SetScrew Type ①

Hub Size (Inches)	Max. Wire Fill	C		Max. Wire Fill	E	
		Threaded Type	Setscrew Type		Threaded Type	Setscrew Type



1/2	②	C-50A	C-50TA	②	E-50A	E-50TA
3/4	(3) # 6	C-75A	C-75TA	(3) # 6	E-75A	—
1	(3) # 4	C-100A	C-100TA	(3) #6	E-100A	—
1-1/4	(3) # 2	C-125A	C-125TA	—	—	—
1-1/2	(3) # 1/0	C-150A	C-150TA	—	—	—
2	(3) # 3/0	C-200A	—	—	—	—
2-1/2	(3) 300	C-250A	—	—	—	—
3	(3) 300	C-300A	—	—	—	—
3-1/2	(3) 350	C-350A	—	—	—	—
4	(3) 350	C-400A	—	—	—	—

Hub Size (Inches)	Max. Wire Fill	LR		Max. Wire Fill	T	
		Threaded Type	Setscrew Type		Threaded Type	Setscrew Type



1/2	②	LR-50A	LR-50TA	②	T-50A	T-50TA
3/4	(3) # 6	LR-75A	LR-75TA	(3) # 6	T-75A	T-75TA
1	(3) # 4	LR-100A	LR-100TA	(3) # 4	T-100A	T-100TA
1-1/4	(3) # 2	LR-125A	LR-125TA	(3) # 2	T-125A	—
1-1/2	(3) # 1	LR-150A	LR-150TA	(3) # 1	T-150A	—
2	(3) # 2/0	LR-200A	LR-200TA	(3) # 2/0	T-200A	—
2-1/2	(3) 300	LR-250A	—	(3) 300	T-250A	—
3	(3) 350	LR-300A	—	(3) 300	T-300A	—
3-1/2	(3) 350	LR-350A	—	(3) 350	T-350A	—
4	(3) 350	LR-400A	—	(3) 350	T-400A	—

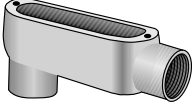
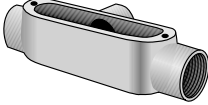
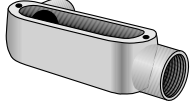
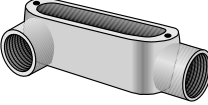
① Refer to following page for Wiring Capacity Table.

② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

Aluminum Conduit Bodies, Covers and Gaskets

For Rigid Conduit & IMC.

NEC/CEC — Suitable for use in the following
Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Aluminum Conduit Bodies				
Hub Size (Inches)	Max. Wire Fill	LB-A	Max. Wire Fill	T-A
				
				
Diecast				
1/2	①	LB-50A	①	T-50A
3/4	(3) # 6	LB-75A	(3) # 6	T-75A
1	(3) # 4	LB-100A	(3) # 4	T-100A
1-1/4	(3) # 2	LB-125A	(3) # 2	T-125A
1-1/2	(3) # 1/0	LB-150A	(3) # 1	T-150A
2	(3) # 4/0	LB-200A	(3) # 2/0	T-200A
Sandcast				
2-1/2	(3) 300	LB-250A	(3) 300	T-250A
3	(3) 400	LB-300A	(3) 300	T-300A
3-1/2	(3) 500	LB-350A	(3) 350	T-350A
4	(3) 500	LB-400A	(3) 350	T-400A
Hub Size (Inches)	Max. Wire Fill	LL-A	Max. Wire Fill	LR-A
				
				
Diecast				
1/2	①	LL-50A	①	LR-50A
3/4	(3) # 6	LL-75A	(3) # 6	LR-75A
1	(3) # 4	LL-100A	(3) # 4	LR-100A
1-1/4	(3) # 2	LL-125A	(3) # 2	LR-125A
1-1/2	(3) # 1	LL-150A	(3) # 1	LR-150A
2	(3) # 2/0	LL-200A	(3) # 2/0	LR-200A
Sandcast				
2-1/2	(3) 300	LL-250A	(3) 300	LR-250A
3	(3) 350	LL-300A	(3) 350	LR-300A
3-1/2	(3) 350	LL-350A	(3) 350	LR-350A
4	(3) 350	LL-400A	(3) 350	LR-400A

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.