# 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.**

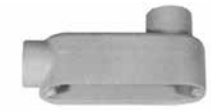
**Typical Form 85 Conduit Bodies with Setscrews. For use with Electrical Metallic Tubing (EMT).**

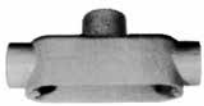
# Form 85™ Unilets™ Conduit Outlet Bodies, Covers and Gaskets

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**

| | | LB | | | LL | |
|---|---|---|---|---|---|---|
| **Hub Size (Inches)** | **Max. Wire Fill** | **Threaded Type** | **Setscrew Type** | **Max. Wire Fill** | **Threaded Type** | **Setscrew Type** |
| | |  | | |  | |
| 1/2 | ② | **LB-50A** | **LB-50TA** | ② | **LL-50A** | **LL-50TA** |
| 3/4 | (3) # 6 | **LB-75A** | **LB-75TA** | (3) # 6 | **LL-75A** | **LL-75TA** |
| 1 | (3) # 4 | **LB-100A** | **LB-100TA** | (3) # 4 | **LL-100A** | **LL-100TA** |
| 1-1/4 | (3) # 2 | **LB-125A** | **LB-125TA** | (3) # 2 | **LL-125A** | **LL-125TA** |
| 1-1/2 | (3) # 1/0 | **LB-150A** | **LB-150TA** | (3) # 1 | **LL-150A** | **LL-150TA** |
| 2 | (3) # 4/0 | **LB-200A** | **LB-200TA** | (3) # 2/0 | **LL-200A** | **LL-200TA** |
| 2-1/2 | (3) 300 | **LB-250A** | — | (3) 300 | **LL-250A** | — |
| 3 | (3) 400 | **LB-300A** | — | (3) 350 | **LL-300A** | — |
| 3-1/2 | (3) 500 | **LB-350A** | — | (3) 350 | **LL-350A** | — |
| 4 | (3) 500 | **LB-400A** | — | (3) 350 | **LL-400A** | — |

| | | TB | |
|---|---|---|---|
| **Hub Size (Inches)** | **Max. Wire Fill** | **Threaded Type** | **Setscrew Type** |
| | |  | |
| 1/2 | ② | **TB-50A** | — |
| 3/4 | (3) # 6 | **TB-75A** | — |
| 1 | (3) # 6 | **TB-100A** | — |
| 1-1/4 | (3) # 6 | **TB-125A** | — |
| 1-1/2 | (3) # 4 | **TB-150A** | — |
| 2 | (3) # 1/0 | **TB-200A** | — |
| 2-1/2 | — | — | — |
| 3 | — | — | — |
| 3-1/2 | — | — | — |
| 4 | — | — | — |

**Back Style for Form 85 Unilet Conduit Body Sizes (Inches)**

| Unilet Body | Flat Back | Round Back |
|---|---|---|
| C, LB, LL, LR, T | 1/2 – 2 | 2-1/2 – 4 |
| TB | 1-1/4, 1-1/2 | 1/2, 3/4, 1, 2 |
| E | 1/2 – 1 | – |

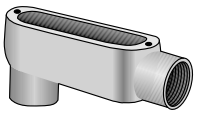
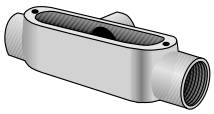
*① Refer to following page for Wiring Capacity Table.*
*② All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.*

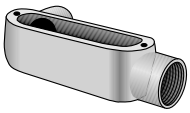
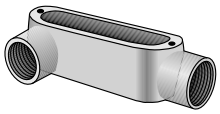
# Aluminum Conduit Bodies, Covers and Gaskets

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.*