

J-18

Class I, Div. 1 and 2
Groups B*, C, D
Class II, Div. 1 and 2
Groups E, F, G
Class III

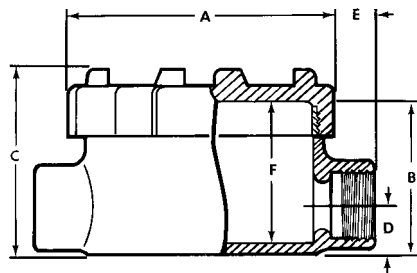
GU Conduit Outlet Boxes: Explosionproof, Dust-Ignitionproof

UNILETS® for Use with Threaded Metal Conduit.
Furnished with Internal Ground Screw.

	Hub Type	Conduit Size (Inches)	Cover Opening (Inches)	Catalog Number* Malleable Iron
	GUC	1/2	3.38	GUC50
		3/4	3.38	GUC75
		1	3.38	GUC100
	GUL	1/2	3.38	GUL50
		3/4	3.38	GUL75
		1	3.38	GUL100
	GULB	1/2	3.38	GULB50
		3/4	3.38	GULB75
		1	3.38	GULB100
	GUT	1/2	3.38	GUT50
		3/4	3.38	GUT75
		1	3.38	GUT100
	GUX	1/2	3.38	GUX50
		3/4	3.38	GUX75
		1	3.38	GUX100

Dimensions in Inches and Centimeters

GU



GU Series

Dimensions in Inches

Hub Size (Inches)	A	B	C	D	E	F
1/2	4.28	2.44	2.97	.75	.81	2.25
3/4	4.28	2.44	2.97	.75	.81	2.25
1	4.28	2.44	2.97	.94	.94	2.25

Dimensions in Centimeters

1/2	10.9	6.2	7.5	1.9	2.1	5.7
3/4	10.9	6.2	7.5	1.9	2.1	5.7
1	10.9	6.2	7.5	2.4	2.4	5.7

For cubic inches information, see page J-19

* In Group "B" atmospheres, all conduit runs must have a sealing fitting (not supplied) field installed adjacent to the enclosure.

Conduit Outlet Boxes and Bodies: Malleable Iron or Aluminum; Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.

Applications

- Meet a wide range of classified area requirements.
- Corrosion-resistant—ideal indoors or out.
- For pulling of wires.
- Connect conduit lengths and change direction of conduit.
- Provide access for maintenance.

Features: All Bodies and Boxes

- Malleable iron bodies have high tensile strength and ductility. Provides great resistance to corrosion, impact, and shock.
- Accurately tapped, tapered hub threads for tight, rigid joints and ground continuity.
- Furnished with covers.
- General purpose wiring.

Features: GR and GRF

- ①GR offers ten hub arrangements.
- ②GRF has integral mounting flange.
- Function as sealing fittings when used with sealing covers (see NEC for restrictions).
- Internally threaded body with externally threaded cover.
- Covers have pry notches for bar or wrench.
- Accommodate sealing, dome, hub and union hub covers, and canopies.
- Standard O-rings provide raintight fit. NEMA 3,4.
- Internal ground screw standard.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

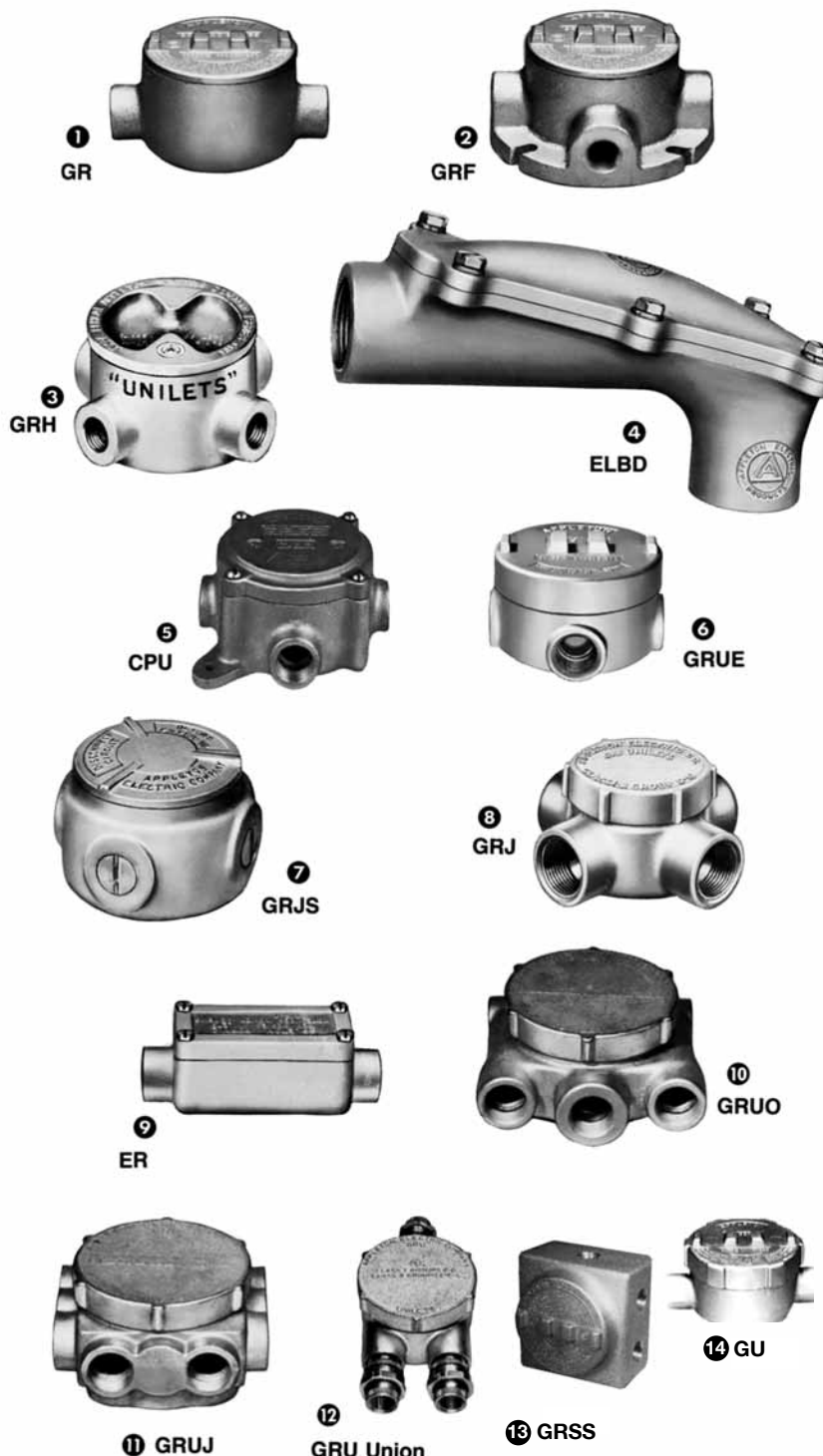
Features: GRH

- ③Designed for use in Class I, Groups A, B, C, and D; Class II, Groups E, F, and G; and Class III.
- Internally threaded body with externally threaded covers.
- Standard O-rings provide raintight fit. NEMA 3,4.
- Internal ground screw standard.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Features: ELBD

- ④Exclusive built-in pulling rollers in each end (2-1/2 thru 4" sizes) protect cable from damage and make cable pulling easier.

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Conduit Outlet Boxes and Bodies: Malleable Iron or Aluminum; Explosionproof, Dust-Ignitionproof

UNILETS® for use with Threaded Metal Conduit.

- Excellent for use in wiring of motors, panelboards, circuit breakers, entrances to buildings, etc.

- Body and cover have ground mating surfaces to meet classified-location requirements.

- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Features: ELBY

- Serve as pulling fittings.
- Make 90° bends in conduit.
- Threaded cover opening permits easy access for pulling conductors thru hubs.
- Easily removable threaded cover.

Features: CPU

- ⑤ Universal design with four threaded universal hubs and three close-up plugs.
- Serve as mounting outlets for lighting fixtures when used with hub cover.
- Wide, accurately ground explosion-proof mating surfaces.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Features: GRU and GRUE

- ⑥ Universal design with five threaded universal hubs and three close-up plugs.
- Copper-free aluminum body and cover provide resistance to corrosive atmospheres.
- Function as sealing fittings when used with sealing covers (see NEC for restrictions).
- GRU has internally threaded body and externally threaded cover with O-ring for raintight fit, NEMA 3,4. GRUE has externally threaded body and internally threaded overlapping cover.
- Covers have pry notches for bar or wrench.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Features: GRJS

- ⑦ Universal design with five threaded openings and three close-up plugs.
- Compact round box for use where space is limited.
- Serve as mounting means for lighting fixtures when used with hub cover.
- Function as sealing fittings when

used with sealing covers (see NEC for restrictions).

- Internally threaded body with externally threaded cover.

- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Features: GRJ

- ⑧ Small, round conduit outlet boxes.
- Function as sealing fittings when used with sealing covers (see NEC for restrictions).
- Externally threaded body with internally threaded cover.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Features: ER

- ⑨ Compact, rectangular conduit outlet boxes are ideal in classified locations where space is limited.
- Six different hub arrangements.
- Ground surface contact between body and cover assures a flame-tight joint.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Features: GRUO and GRUJ

- Threaded universal hubs for wiring flexibility.
- ⑩ GRUO has eight hubs.
- ⑪ GRUJ offers up to eleven hubs.
- Ideally suited for use where space is limited, such as for gasoline pumps.
- Function as sealing fittings when used with sealing cover (see NEC for restrictions).
- Externally threaded body with internally threaded covers.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Features: GRU (Union Hubs)

- ⑫ Union hubs permit easy wiring.
- Function as sealing fittings when used with sealing covers (see NEC for restrictions).
- Externally threaded body with internally threaded cover.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.

Features: GRSS and GRSSA

- ⑬ Multiple hubs permit flexibility.
- Copper-free aluminum body and cover provide superior corrosion resistance.
- Internal ground screw standard.

Features: GU

- ⑭ Designed for Class I, Groups B,C,D; Class II, Groups E,F,G; and Class III.
- Externally threaded body with internally threaded cover.
- Smooth, rounded integral bushing in each hub type box protects conductor insulation.
- Internal ground screw standard.

Standard Materials

- *GR, GRF, GRH, and GRJS:* Malleable iron bodies with aluminum covers.
- *Aluminum GR Series:* Copper-free body and cover.
- *GU, GRUO, GRUJ, GRU (Union), GRJ, CPU, ER, ELBD and ELBY:* Malleable iron bodies and covers.
- *GRU, GRUE, and GRSS:* Aluminum copper-free bodies and covers.
- *GRG O-Rings:* Neoprene.

Standard Finishes

- *Malleable iron bodies and covers (except ELBY)* triple-coat—(1) zinc electroplate, (2) dichromate, and (3) epoxy powder coat.
- *Aluminum bodies and covers:* epoxy powder coat.
- *ELBY malleable iron body and cover:* zinc electroplate and clear chromate.

Compliances

- UL Standard 886.
- Federal Spec. W-C-586B.
- Appleton malleable iron products conform to ASTM A47-77, Grade 32510, which has the following properties: tensile strength, 50,000 psi; yield, 32,000 psi; and elongation, 10%.
- Appleton aluminum products are produced from a high strength copper-free (4/10 of 1% max.) alloy.
- Suitable for Class I, Div. 1 & 2, if installed in compliance with NEC 501-4(a)(b) and for Class II, Div. 1 & 2, if in compliance with NEC 502-4(a)(b).
- *GR Series:* CSA -LR25875-30.