

Instructions Specific to NEC BlackGuard Appleton GUA Series Outlet Boxes

1. Care must be used not to cut or damage the PVC coated surfaces. Use manufacturer approved touch up methods and products to repair any damage.
2. In order to retain full corrosion protection of the conduit system, refrain from cutting off the protective sleeves at conduit entry hubs.
3. It is important to make certain that the pipe plugs are used to close all unused hubs and tighten wrench-tight.
4. If using a heat gun in cold conditions, use extra caution to not damage or deform the PVC coating.
5. NEC BlackGuard PVC Coated Outlet Boxes have unique part numbers depending on the manufacturer of the underlying Outlet Box. The chart on page 2 indicates the unique part numbers for respective Appleton part numbers.
6. Always reference most recent National Electric Code for proper installation, with particular attention to NEC code 314 23 E and F.
7. See page 3 for representative Appleton Catalog page for additional information.
8. A digital version of this information is available electronically by scanning the QR code.



This worksheet serves as a reference for the Appleton Part Numbers and the corresponding NEC Part Numbers for Ferrous and Aluminum GUA Series Conduit Outlet Boxes.

Cross Reference: NEC to Appleton - GUA Series Conduit Boxes

NEC/BlackGuard	FE/Steel Bodies	Appleton	NEC/BlackGuard	Aluminum Bodies	Appleton
Part #	Appleton Parts	Part #	Part #	Appleton Parts	Part #
PFZ-GUAB-05016	1/2 GUAB BODY WITH AL COVER	GRLB50	PFZA-GUAB-05016	1/2 GUAB BODY WITH AL COVER	GRLB50-A
PFZ-GUAB-07526	3/4 GUAB BODY WITH AL COVER	GRLB75	PFZA-GUAB-07526	3/4 GUAB BODY WITH AL COVER	GRLB75-A
PFZ-GUAB-10036	1 GUAB BODY WITH AL COVER	GRLB100	PFZA-GUAB-10036	1 GUAB BODY WITH AL COVER	GRLB100-A
PFZ-GUAB-12547	1-1/4 GUAB BODY WITH AL COVER	GRLB125	PFZA-GUAB-12547	1-1/4 GUAB BODY WITH AL COVER	GRLB125-A
PFZ-GUAB-15059	1-1/2 GUAB BODY WITH AL COVER	GRLB150	PFZA-GUAB-15059	1-1/2 GUAB BODY WITH AL COVER	GRLB150-A
PFZ-GUAB-20069	2 GUAB BODY WITH AL COVER	GRLB200	PFZA-GUAB-20069	2 GUAB BODY WITH AL COVER	GRLB200-A
PFZ-GUAC-05016	1/2 GUAC BODY WITH AL COVER	GRC50	PFZA-GUAC-05016	1/2 GUAC BODY WITH AL COVER	GRC50-A
PFZ-GUAC-07526	3/4 GUAC BODY WITH AL COVER	GRC75	PFZA-GUAC-07526	3/4 GUAC BODY WITH AL COVER	GRC75-A
PFZ-GUAC-10036	1 GUAC BODY WITH AL COVER	GRC100	PFZA-GUAC-10036	1 GUAC BODY WITH AL COVER	GRC100-A
PFZ-GUAC-12547	1-1/4 GUAC BODY WITH AL COVER	GRC125	PFZA-GUAC-12547	1-1/4 GUAC BODY WITH AL COVER	GRC125-A
PFZ-GUAC-15059	1-1/2 GUAC BODY WITH AL COVER	GRC150	PFZA-GUAC-15059	1-1/2 GUAC BODY WITH AL COVER	GRC150-A
PFZ-GUAC-20069	2 GUAC BODY WITH AL COVER	GRC200	PFZA-GUAC-20069	2 GUAC BODY WITH AL COVER	GRC200-A
PFZ-GUAL-05016	1/2 GUAL BODY WITH AL COVER	GRL50	PFZA-GUAL-05016	1/2 GUAL BODY WITH AL COVER	GRL50-A
PFZ-GUAL-07526	3/4 GUAL BODY WITH AL COVER	GRL75	PFZA-GUAL-07526	3/4 GUAL BODY WITH AL COVER	GRL75-A
PFZ-GUAL-10036	1 GUAL BODY WITH AL COVER	GRL100	PFZA-GUAL-10036	1 GUAL BODY WITH AL COVER	GRL100-A
PFZ-GUAL-12547	1-1/4 GUAL BODY WITH AL COVER	GRL125	PFZA-GUAL-12547	1-1/4 GUAL BODY WITH AL COVER	GRL125-A
PFZ-GUAL-15059	1-1/2 GUAL BODY WITH AL COVER	GRL150	PFZA-GUAL-15059	1-1/2 GUAL BODY WITH AL COVER	GRL150-A
PFZ-GUAL-20069	2 GUAL BODY WITH AL COVER	GRL200	PFZA-GUAL-20069	2 GUAL BODY WITH AL COVER	GRL200-A
PFZ-GUAT-05016	1/2 GUAT BODY WITH AL COVER	GRT50	PFZA-GUAT-05016	1/2 GUAT BODY WITH AL COVER	GRT50-A
PFZ-GUAT-07526	3/4 GUAT BODY WITH AL COVER	GRT75	PFZA-GUAT-07526	3/4 GUAT BODY WITH AL COVER	GRT75-A
PFZ-GUAT-10036	1 GUAT BODY WITH AL COVER	GRT100	PFZA-GUAT-10036	1 GUAT BODY WITH AL COVER	GRT100-A
PFZ-GUAT-12547	1-1/4 GUAT BODY WITH AL COVER	GRT125	PFZA-GUAT-12547	1-1/4 GUAT BODY WITH AL COVER	GRT125-A
PFZ-GUAT-15059	1-1/2 GUAT BODY WITH AL COVER	GRT150	PFZA-GUAT-15059	1-1/2 GUAT BODY WITH AL COVER	GRT150-A
PFZ-GUAT-20069	2 GUAT BODY WITH AL COVER	GRT200	PFZA-GUAT-20069	2 GUAT BODY WITH AL COVER	GRT200-A
PFZ-GUAX-05016	1/2 GUAX BODY WITH AL COVER	GRX50	PFZA-GUAX-05016	1/2 GUAX BODY WITH AL COVER	GRX50-A
PFZ-GUAX-07526	3/4 GUAX BODY WITH AL COVER	GRC75	PFZA-GUAX-07526	3/4 GUAX BODY WITH AL COVER	GRC75-A
PFZ-GUAX-10036	1 GUAX BODY WITH AL COVER	GRC100	PFZA-GUAX-10036	1 GUAX BODY WITH AL COVER	GRC100-A
PFZ-GUAX-12547	1-1/4 GUAX BODY WITH AL COVER	GRX125	PFZA-GUAX-12547	1-1/4 GUAX BODY WITH AL COVER	GRX125-A
PFZ-GUAX-15059	1-1/2 GUAX BODY WITH AL COVER	GRX150	PFZA-GUAX-15059	1-1/2 GUAX BODY WITH AL COVER	GRX150-A
PFZ-GUAX-20069	2 GUAX BODY WITH AL COVER	GRX200	PFZA-GUAX-20069	2 GUAX BODY WITH AL COVER	GRX200-A

GU Conduit Outlet Boxes

Explosionproof, Dust-Ignitionproof

UNILETS™ for use with Threaded Metal Conduit. Furnished with Internal Ground Screw.

NEC/CEC:

Class I, Division 1 and 2, Groups B♦, C, D
 Class II, Division 1 and 2, Groups E, F, G
 Class III
 NEMA 3,4

Applications

- Complies with 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 runs.
- Provide access for maintenance.

Features

- Ductile 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 and cover gasket.
- General purpose wiring.
- 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

- Bodies and covers: ductile iron

Standard Finishes

- Bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat

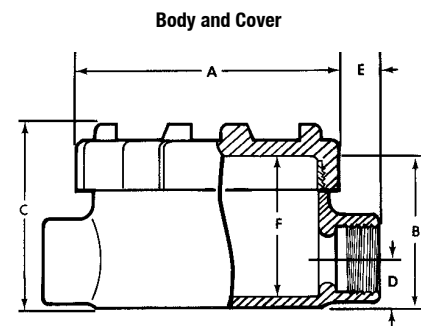
NEC/CEC Certifications and Compliances

- UL Standard: UL 886 (UL 1203)
- UL Listed: E85310, E10444
- CSA Standard: C22.2 No. 25, C22.2 No. 30
- CSA Certified: 025875

Hub Type	Conduit Size (Inches)	Cover Opening mm (in)	Capacity dm ³ (in ³)	Catalog Number ♦
	1/2	98.6 (3.38)	0.31 (19.0)	GUC50
	3/4	98.6 (3.38)	0.31 (19.0)	GUC75
	1	98.6 (3.38)	0.31 (19.0)	GUC100
	1/2	98.6 (3.38)	0.31 (19.0)	GUL50
	3/4	98.6 (3.38)	0.31 (19.0)	GUL75
	1	98.6 (3.38)	0.31 (19.0)	GUL100
	1/2	98.6 (3.38)	0.31 (19.0)	GULB50
	3/4	98.6 (3.38)	0.31 (19.0)	GULB75
	1	98.6 (3.38)	0.31 (19.0)	GULB100
	1/2	98.6 (3.38)	0.31 (19.0)	GUT50
	3/4	98.6 (3.38)	0.31 (19.0)	GUT75
	1	98.6 (3.38)	0.31 (19.0)	GUT100
	1/2	98.6 (3.38)	0.31 (19.0)	GUX50
	3/4	98.6 (3.38)	0.31 (19.0)	GUX75
	1	98.6 (3.38)	0.31 (19.0)	GUX100
Cover Gasket (all)				GUG1

Dimensions in Millimeters (Inches)

Hub Size (Inches)	Dimensions in Millimeters (Inches)					
	A	B	C	D	E	F
1/2	108.7 (4.28)	62.0 (2.44)	75.4 (2.97)	19.1 (0.75)	20.6 (0.81)	57.2 (2.25)
3/4	108.7 (4.28)	62.0 (2.44)	75.4 (2.97)	19.1 (0.75)	20.6 (0.81)	57.2 (2.25)
1	108.7 (4.28)	62.0 (2.44)	75.4 (2.97)	19.1 (0.75)	23.9 (0.94)	57.2 (2.25)



♦ In Class I, Division 1, Group B atmospheres, all conduit runs must have a sealing fitting (not supplied) field-installed within 2" to the enclosure.