Quazite®

Enclosure Selection Guide

To Select the Enclosure You Need for Your Application:

1 ..... Determine UL Requirements
2 ..... Determine Load Ratings
3 ..... Determine Handhole Opening Size
4 .... Select Cover Series & Style
5 ..... Select Box Style
6 ..... Determine Options & Hardware

4 Cover Series & Styles

CA/WA/CG Series Covers

CA covers are designed to bolt down. WA covers do not have provisions to bolt the covers in place. CG covers feature a grommet package to reduce incoming fluids into the enclosure. CG covers must be used with gasketed boxes.

- Design Load: 8,000 lbs. over a 10" square with a minimum test load of 12,000 lbs. (ANSI Tier 8)
  (For PG, PT, PR and smaller PC styles)
- Design Load: 5,000 lbs. over a 10" square with a minimum test load of 7,500 lbs. (ANSI Tier 5)
  (For PC 13" x 24" and PC 17" x 30" styles and all LG styles)

HA/HG Series Covers

Heavy duty covers (available for PG, PD, PC and PR box styles) are designed for driveways, parking lots and off-roadway applications where subject to occasional non-deliberate vehicular traffic. HG covers feature a grommet package to reduce incoming fluids into the enclosure. HG covers must be used with gasketed boxes.

- Design Load: 15,000 lbs. over a 10" square with a minimum test load of 22,500 lbs. (ANSI Tier 15)

HH Series Covers

Extra heavy duty HH covers are designed for driveways, parking lots and off-roadway applications where subject to occasional non-deliberate traffic by heavy vehicles. Contact your local QUAZITE® representative for availability of sizes.

- Loadings for HH covers comply with all test provisions of ANSI/SCTE 77 except that the vertical design load is 22,500 lbs. with a test load of 33,750 lbs. over a 10" x 20" plate.

Cover Load Rating

QUAZITE® Cover Performance Chart (Wheel Loads)*

Cover		Design (lbs.)	Test Load (lbs.)	Test Area	ANSI Tier
Style	Series				
LG	CA/WA	5,000	7,500	10" x 10"	5
PC1324 & PC1730	CA/WA	5,000	7,500	10" x 10"	5
PC all other sizes	CA/WA	8,000	12,000	10" x 10"	8
PG/PT	CA/WA	8,000	12,000	10" x 10"	8
PC	HA	15,000	22,500	10" x 10"	15
PG/PT	HA	15,000	22,500	10" x 10"	15
PG	HH	22,500	33,750	10" x 20"	22
PR	CA/WA	8,000	12,000	10" x 10"	8
PR	HA	15,000	22,500	10" x 10"	15

* Not all products are UL Listed. For specific UL Listed products, please refer to individual drawings.

Cover Numbering System

Cover Style	Cover Size	Cover Series	Cover Variation	Cover Logo #	Bolt Option
PC	**1730**	**CA**	**00**	**09**	**P**
PC PG PR PT LG	(width x length) example: 17" x 30"	CA-standard cover HA-heavy duty cover WA-standard/no bolts CG-standard cover w/gasket HG-heavy duty cover w/gasket CS-split cover HS-heavy duty split cover CT-torsion assist cover HH-extra heavy duty CC-overlapping cover HC-heavy duty overlapping cover	Standard Cover - No Variation Contact your local QUAZITE® representative for more information on cover variations.	09 - Blank (See chart on next page for a listing of commonly used cover logos)	Penta-head (Hex head bolts standard, no designation needed)

Highlighted areas indicate UL Listing

HUBBELL
LENOIR CITY, INC.

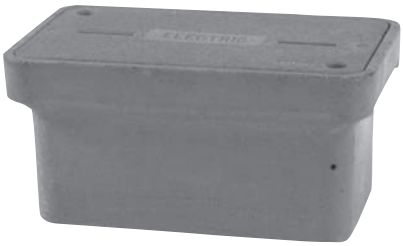
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5 Box Styles



PG/LG Style

For use as a splice box, pull box, equipment enclosure or for any application requiring easy access to an underground service. Stackable for increased depth. Straight sides for easy adjustment of box to grade.

- Available in sizes:

11" x 18"	24" x 24"	30" x 60"	36" x 72"	48" x 96"
13" x 24"	24" x 36"	36" x 36"	48" x 48"	
17" x 30"	30" x 48"	36" x 60"	48" x 72"	

- Loadings comply with ANSI/SCTE 77. These boxes, with a design load of 22,500 lbs. and a test load of 33,750 lbs., meet and exceed ANSI Tier 15 test provisions.
- 12" - 48" depths
- LG style is 32% lighter in weight as compared to the PG box.



PD/LD Style

Enclosures with 1° (degree) flare for maximum strength. Flared design optimizes internal volume and prevents frost heave.

- Available in sizes:
  17" x 30" x 18", 17" x 30" x 26", 24" x 36" x 18", 24" x 36" x 26", 24" x 36" x 48", 30" x 48" x 24", 30" x 48" x 48"
- Design load: 15,000 lbs. Test load: 22,500 lbs. (ANSI Tier 15)

Box Numbering System

QUAZITE® products are referred to by an identifying part number. An example of the numbering system is shown below to help you understand how to identify the product you need for your application. Contact your local QUAZITE® representative if you have any questions.

Box Style	Nominal Size	Box Variation	Box Depth
PC	**1730**	**BA**	**12**
PC PT PG LX PR LR PD	(width x length) example: 17" x 30"	BA-box w/open bottom BB-box w/mouse holes BC-divided box BG-gasketed box w/open bottom DA-box w/solid bottom DG- gasketed box w/solid bottom JA-footed box EA-extension RA-solid base extension	12" deep

Highlighted areas indicate UL Listing

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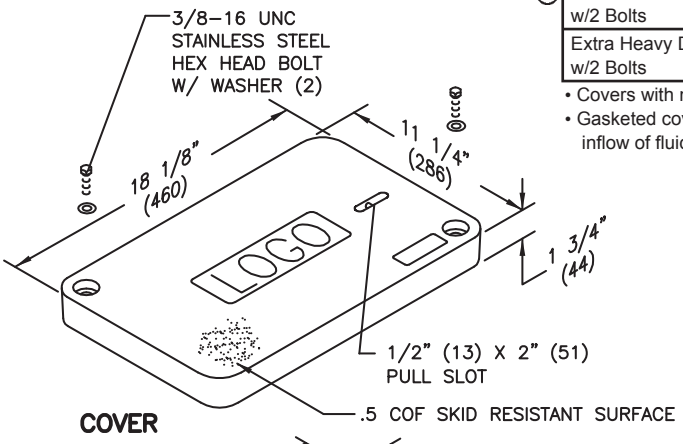
SPECIFICATIONS/DATA

11" x 18" PG Style (Stackable) Assembly

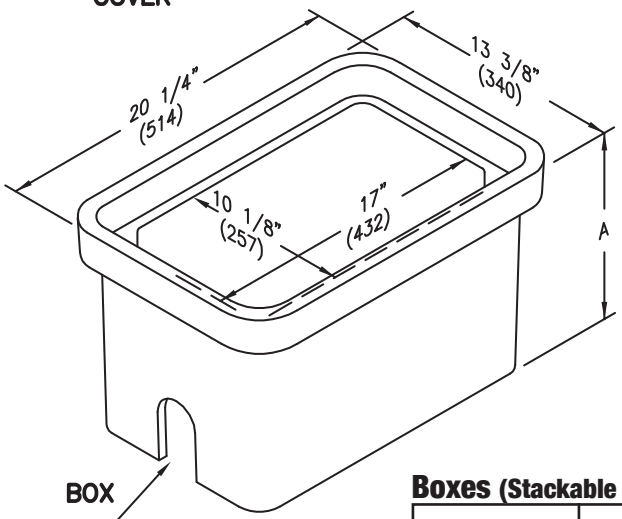
Covers (Blank unless logo is specified)

	DESCRIPTION	PART NO.	WEIGHT #	DESIGN/TEST LOAD #	ANSI TIER
UL	W/2 Bolts	PG1118CA00	27 (12.2 kg)	8,000 / 12,000	8
UL	Gasketed w/2 Bolts	PG1118CG00	27 (12.2 kg)	8,000 / 12,000	8
UL	No Bolts	PG1118WA00	27 (12.2 kg)	8,000 / 12,000	8
UL	Heavy Duty w/2 Bolts	PG1118HA00	27 (12.2 kg)	15,000 / 22,500	15
UL	Gasketed Heavy Duty w/2 Bolts	PG1118HG00	27 (12.2 kg)	15,000 / 22,500	15
	Extra Heavy Duty w/2 Bolts	PG1118HH00	27 (12.2 kg)	22,500 / 33,750	22

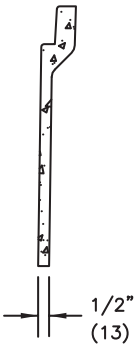
- Covers with meter lids available upon request.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



COVER



BOX



2X 2 1/2" (64) X 4" (102)
MOUSEHOLES (PG1118BB only)

Boxes (Stackable with self-aligning, replaceable EZ-Nut)

	DESCRIPTION	PART NO.	WEIGHT #	DIMENSION A	DESIGN/TEST LOAD #	ANSI TIER
UL	Open Bottom	PG1118BA12	40 (18 kg)	12" (305 mm)	22,500 / 33,750	22
		PG1118BA18	53 (24 kg)	18" (457 mm)	22,500 / 33,750	22
UL	Open Bottom w/ Gasket	PG1118BG12	40 (18 kg)	12" (305 mm)	22,500 / 33,750	22
		PG1118BG18	53 (24 kg)	18" (457 mm)	22,500 / 33,750	22
UL	Open Bottom w/ 2 Mouseholes	PG1118BB12	40 (18 kg)	12" (305 mm)	22,500 / 33,750	22
		PG1118BB18	53 (24 kg)	18" (457 mm)	22,500 / 33,750	22
UL	Solid Bottom	PG1118DA12	43 (19.5 kg)	12 1/2" (318 mm)	22,500 / 33,750	22
		PG1118DA18	60 (27 kg)	18 1/2" (470 mm)	22,500 / 33,750	22
UL	Solid Bottom w/ Gasket	PG1118DG12	43 (19.5 kg)	12 1/2" (318 mm)	22,500 / 33,750	22
		PG1118DG18	60 (27 kg)	18 1/2" (470 mm)	22,500 / 33,750	22
UL	Footed Box	PG1118JA12	41 (19 kg)	12 1/2" (318 mm)	22,500 / 33,750	22
		PG1118JA18	55 (25 kg)	18 1/2" (470 mm)	22,500 / 33,750	22

Dimensions & weights in parentheses are metric equivalent.