

# UNDERGROUND **ENCLOSURES** CANADIAN BROCHURE





# Hubbell Underground Enclosures

Hubbell offers three distinct brands of underground enclosures. All three are built with the same attention to quality and performance that you know and expect from Hubbell. Each brand is made of a different base material. Our comprehensive product offering is tailored to ensure that your application requirements are met, no matter what. Based on your design style preference, Hubbell offers Quazite® monolithic polymer concrete, Quazite® FRP fiberglass-reinforced polymer and PenCell® HDPE enclosure products. All three brands offer superior performance and unique benefits.

## Quazite Enclosures

Polymer concrete is made from select-grade aggregates in combination with a polymer resin system. When combined through a process of mixing, molding and curing, an extremely powerful cross-linked bond is formed. Precast polymer concrete is reinforced with fiberglass to give it additional strength and rigidity.

## Quazite FRP Enclosures

Fiberglass-reinforced polymer, also called FRP, is a special combination of polymer concrete and fiber-reinforced polymer. This hybrid construction, formed from an FRP shell and a polymer concrete ring and cover, delivers a high strength, lightweight, abrasion-resistant product that is protected from ultraviolet rays.

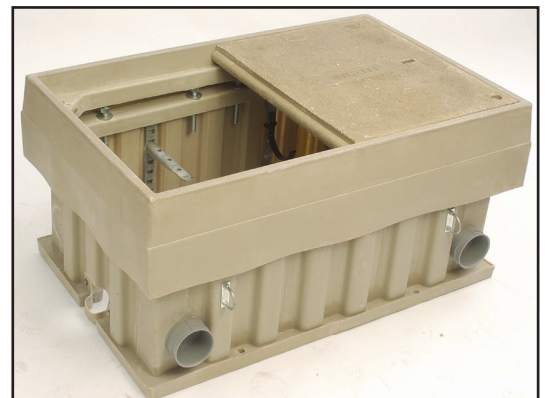
## PenCell Enclosures

Structural foam molded high density polyethylene, also called HDPE, is a light weight, high strength plastic molding process that provides outstanding structural integrity and durability. HDPE enclosures are mated with covers made from a variety of materials: HDPE, polymer concrete or steel. This combination creates a highly versatile choice for underground utility enclosures where low weight and high strength are necessary.

Polymer Concrete



Fiberglass Reinforced Polymer



High Density Polyethylene (HDPE)



## Quazite: Available Size Chart

Style	Size	Depths	Assembly Load Rating Options	UL
PC	6x8	6 3/4	Tier 15	Yes
	8x8	12, 18	Tier 15	Yes
	8x18	7, 8	Tier 8, Tier 15	Yes
	11x18	12, 18	Tier 8	Yes
	12x12	12	Tier 8, Tier 15	Yes
	13x24	12	Tier 5	Yes
	17x30	12	Tier 5	Yes
PD	11x18	12	Tier 8, Tier 15, Tier 22	No
	11x21	12	Tier 8, Tier 15, Tier 22	No
	13x24	12, 18, 26	Tier 8, Tier 15, Tier 22	No
	17x30	12, 18, 26	Tier 8, Tier 15, Tier 22	Yes
	24x36	18, 26, 48	Tier 8, Tier 15, Tier 22	Yes
	30x48	24, 48	Tier 8, Tier 15, Tier 22	Yes
PG	10x15	12	Tier 8, Tier 15, Tier 22	No
	11x18	12, 18	Tier 8, Tier 15, Tier 22	Yes
	11x20	12, 18	Tier 8, Tier 15, Tier 22	No
	13x24	12, 18, 24	Tier 8, Tier 15, Tier 22	Yes
	17x30	12, 18, 22, 24, 30	Tier 8, Tier 15, Tier 22	Yes
	24x24	24*	Tier 8, Tier 15, Tier 22	Yes
	24x36	18, 24, 30, 36, 42*	Tier 8, Tier 15, Tier 22	Yes
	30x48	18, 24, 36, 48*	Tier 8, Tier 15, Tier 22	Yes
	30x60	21, 30, 36	Tier 5, Tier 15, Tier 22	No
	36x36	36*	Tier 8, Tier 15, Tier 22	Yes
	36x60	19, 24, 31, 36*	Tier 5, Tier 15, Tier 22	No
	36x72	21, 36	Tier 5, Tier 15, Tier 22	No
	48x48	36, 48	Tier 5, Tier 15, Tier 22	No
	48x60	48	Tier 22	No
	48x72	36, 48*	Tier 5, Tier 15, Tier 22	No
	48x78	27, 36	Design 12,000 lbs / Test 24,000 lbs	No
48x96	48*	Tier 5, Tier 15, Tier 22	No	
PT	10x15	18	Tier 8, Tier 15	No
	13x24	18	Tier 8, Tier 15	Yes
	17x30	18	Tier 8, Tier 15	Yes
PX	12x12	24	Tier 8, Tier 15	Yes
Median	5x16		Tier 8, Tier 15	No
	10x12		Tier 8, Tier 15	No
Round	27	36, 48	Tier 8, Tier 15, Tier 22	Tier 8 ONLY
	39	18, 24, 36, 48, 72	Tier 8, Tier 15, Tier 22	Yes

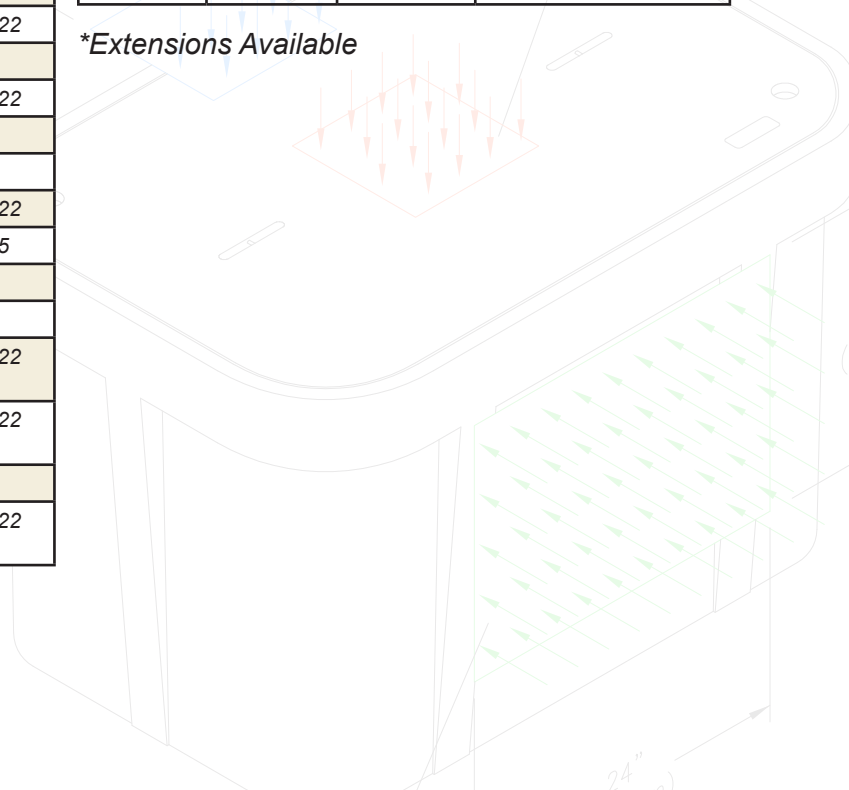
\*Extensions Available

# Quazite FRP: Available Size Chart

Style	Size	Depths	Load Rating Options
Straight Wall	6x8	6 3/4	Tier 8
	10x15	12	Tier 8, Tier 15
	11x18	12, 18	Tier 8, Tier 15, Tier 22
	11x21	12	Tier 5, Tier 8, Tier 15
	11x32	12	Tier 5, Tier 8, Tier 15
	12x12	12	Tier 8, Tier 15, Tier 22
	13x24	12, 18	Tier 8, Tier 15, Tier 22
	15x17	12	Tier 8, Tier 15
	15x27	12	Tier 5, Tier 8
	16x22	18	Tier 8, Tier 15
	17x30	12, 18, 22, 30	Tier 8, Tier 15, Tier 22
	24x24	12, 18, 24	Tier 8, Tier 15, Tier 22
	24x36	18, 24, 30	Tier 8, Tier 15, Tier 22
	30x48	18, 24, 36	Tier 8, Tier 15, Tier 22
	30x60	18, 30, 36, 48	Tier 8, Tier 15, Tier 22
	36x36	18, 24, 30, 36, 48	Tier 8, Tier 15, Tier 22
	36x60	18, 24, 30, 36, 48	Tier 8, Tier 15, Tier 22
36x72	36, 48	Tier 8, Tier 15, Tier 22	
Flared Wall	10x15	12, 18	Tier 8, Tier 15
	11x18	12, 18	Tier 8, Tier 15, Tier 22
	11x32	12	Tier 5, Tier 8
	12x12	12, 24	Tier 8, Tier 15
	13x24	12, 18, 24*	Tier 8, Tier 15, Tier 22
	15x17	12	Tier 5, Tier 8, Tier 15
	15x27	12	Tier 5, Tier 8
	16x22	30	Tier 8, Tier 15
	17x30	12, 18, 22, 24, 30, 34*	Tier 8, Tier 15, Tier 22
	24x36	18, 24, 30, 36, 42, 48*	Tier 8, Tier 15, Tier 22
	24x60	24	Tier 5
30x48	18, 24, 30, 36	Tier 8, Tier 15, Tier 22	

Style	Size	Depths	Load Rating Options
Corrugated Wall	30x48	18, 24, 30, 36, 48*	Tier 8, Tier 15, Tier 22
	30x60	18, 24, 30, 36, 48	Tier 5, Tier 8, Tier 15, Tier 22
	36x60	18, 24, 30, 36, 48	Tier 8, Tier 15, Tier 22
	36x72	18, 24, 30, 36, 48	Tier 8, Tier 15, Tier 22
	36x96	30, 36, 48	Tier 8, Tier 15, Tier 22
	48x48	18, 24, 30, 36, 48	Tier 8, Tier 15, Tier 22
	48x72	18, 24, 30, 36, 48	Tier 8, Tier 15, Tier 22
	48x78	18, 24, 30, 36, 48	Tier 8, Tier 15, Tier 22
	48x96	18, 24, 30, 36, 48	Tier 8, Tier 15, Tier 22
	78x96	36, 48	Tier 8, Tier 15, Tier 22
	Round	2,000	24, 48
2,700		36, 72	Tier 8, Tier 15
3,200		36	Tier 8, Tier 15, Tier 22
3,900		14, 30, 36	Tier 8, Tier 15, Tier 22

\*Extensions Available



# PenCell: Available Size Chart

Style	Size	Depths	Load Rating Options
DT	11x18	9, 11, 18, 20	5k, Tier 15
	12x12	14, 16, 20, 25	5K, Tier 15
	13x24	15, 17, 18, 23	5K, Tier 15
	17x30	15, 17, 18, 24, 26, 30, 32, 36, 38*	5k, Tier 15, Tier 22 (24" and 36" depth only)
	24x36	18, 24, 36	5K, Tier 15, Tier 22
	30x48	24, 36	5K, Tier 15, Tier 22
PE	6	9	5K
	9	10	5K
	10	18, 19	5K
	14	12, 17*	5K
	20	15, 17	5K, 10K
	30	12, 17, 19*	5K, 10K
	36	15	5K
	10x15	12	5K
	11x18	12	3K
	13x24	12	3K
	17x30	12	3K
PM	10x10	12	20K
	12x12	24	20K
	12x18	24	20K
	12x20	18	20K
	12x24	24	20K
	18x18	24	20K
	18x24	24	20K
	18x30	24	20K
	24x24	18, 24, 30, 36, 42, 48	5K, 20K
	24x36	18, 24, 30, 36, 42, 48	5K, 20K
	24x48	18, 24, 30, 36, 42, 48	5K, 20K
	24x60	18, 24, 30, 36, 42, 48	5K, 20K
	30x36	18, 24, 30, 36, 42, 48	5K, 20K
	30x48	18, 24, 30, 36, 42, 48	5K, 20K
	30x60	18, 24, 30, 36, 42, 48	5K, 20K
	36x36	18, 24, 30, 36, 42, 48	5K, 20K
	36x48	18, 24, 30, 36, 42, 48	5K, 20K
	36x60	18, 24, 30, 36, 42, 48	5K, 20K
Round	12x12	24	20K

\*Extensions Available

## Style Guide – Tailored Product Variety

We offer a wide variety of box styles in order to meet your most specialized enclosure needs. Each style offers specific strengths and assets for diverse functionality.



### • PG Style

Straight sides allow for easy adjustment of box should the grade level change. Used for a variety of purposes, such as a splice box, pull box, equipment enclosure or for any application requiring easy access to an underground service. PG boxes are stackable for increased depth.



### • PC Style

Straight sides allow for easy adjustment of box should the grade level change. All PC boxes are stackable and are available with gasketing.



### • PX Style

PX Styles are excellent for service box assemblies and offer flared design to prevent frost heave. PX boxes are nestable for compact storage.



### • PT Style

The flared design prevents frost heave and covers are interchangeable with many precast concrete parts. PT boxes are nestable for compact storage.

## • PD Style

These enclosures feature a one degree flare for maximum strength. Flared design optimizes internal volume and minimizes frost heave.



## • PR Style

This polymer concrete round enclosure can prevent a cover from falling into the box.



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