



## Dry Utilities Polymer and Plastic Products Catalog

2009

[www.oldcastleprecast.com/enclosuresolutions](http://www.oldcastleprecast.com/enclosuresolutions)

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### **“Christy Concrete Products provides reliable, cost-effective solutions for the in-ground construction of utilities and water systems.”**

In addition to the products shown in this catalog, Christy Concrete Products manufactures a broad line of vaults, utility boxes, grates, catch basins, pits, replacement lids and sprinkler blocks. Christy Concrete Products is continually developing new, innovative products to meet the needs of our customers. If there is a need for products not shown in this catalog, please contact our Customer Service Department.

#### **Christy Concrete Products *Delivering Strength, Durability, and Quality***

Christy Concrete Products provides reliable, cost-effective solutions for the in-ground construction of utilities and water systems. “Christy Boxes” have become the industry standard for strength and durability. They have received the highest certification from major public works and utility companies.

Above all, the management of Christy Concrete Products values the principle of trust. For nearly five decades, we have earned the trust of our customers, employees and suppliers because we all work towards the same goal – Total Customer Satisfaction. From R&D and product engineering to manufacturing and delivery, we invest the time and resources necessary to achieve product and service excellence.

At Christy Concrete Products, we believe that innovation is essential to our long-term success. Our R&D engineering effort is state-of-the-art, resulting in a continuous stream of new products and manufacturing processes. We want to improve the performance of our products and to deliver new products that meet our customers' needs.

A proven technology from Christy is Fibrelyte™ – a proprietary composite material. Its exclusive formulation – based upon polyester resin, fiberglass and calcium carbonate – yields lightweight, high strength products that are stronger, easier to handle and much lighter than concrete, saving both time and money during installation, service work and transportation.

Another proven technology from Christy is our Synertech enclosures. Synertech products have combined the exceptional strength and durability of high density polymer concrete with the tough and light weight qualities of a high strength composite box, to meet your most important requirements for underground enclosures.

With Christy’s complete line of underground enclosures and boxes, the answer to all your underground needs is just a phone call away.



### Design Loads

All polymer products manufactured Christy Concrete are designed to meet one of the following vertical conditions depending on the enclosure application:

- 10,400 lb vertical test load over a 10”x10” test area. This load is specified by Western Underground Committee (W.U.C.) Guide 3.6 and the rating is designed for enclosures placed in light commercial and residential sidewalks, roadway medians, and behind curbs where no deliberate vehicular traffic is planned. Enclosures utilizing the Fibrelyte polymer cover may be placed in locations that may see occasional non-deliberate light vehicles.
- 20,800 lb vertical test load over a 10”x20” test area. This load is consistent with AASHTO H20 and ASTM C857 “Minimum Structural Design Loading for Underground Precast Concrete Utility Structures” A-16 vehicle load designations, including a 30% impact factor. Enclosures utilizing Synertech polymer concrete cover may be placed in locations that may see occasional non-deliberate heavy vehicles.

\*\* No polymer concrete box or cover should be placed in a full traffic, H-20 application. \*\*

All enclosures are designed to meet the following lateral load condition:

- 600 lb per square foot (PSF) lateral test load as specified by Western Underground Committee (W.U.C.) Guide 3.6

### Impact

Impact testing is performed in accordance with ASTM D2444, consisting of a 70 foot-pound impact to the surfaces in accordance with W.U.C Guide 3.6.

### Coefficient of Friction

The coefficient of friction for polymer enclosure lids is determined in accordance with ASTM D4518. All lids have a coefficient of friction value greater than 0.50 recommended in W.U.C. Guide 3.6.

## Material Testing

Materials used to manufacture Fibrelyte enclosures are required to meet the following specifications:

Test Description	ASTM Standard
Accelerated Service Exposure	ASTM D756G, Procedure E
Simulated Sunlight	ASTM G53
Water Absorption	ASTM D570, Section 5 & 6.1
Flammability	ASTM D635
Flexural Strength	ASTMD790, Method 1
Chemical Resistance	ASTM D543, Procedure 1

Chemical	Concentration in Water Solution
Sodium Chloride	5%
Sulfuric Acid	0.1N
Sodium Carbonate	0.1N
Sodium Sulfate	0.1N
Hydrochloric Acid	0.2N
Sodium Hydroxide	0.1N
Acetic Acid	5%
Kerosene	Per ASTM D543
Transformer Oil	Per ASTM D543

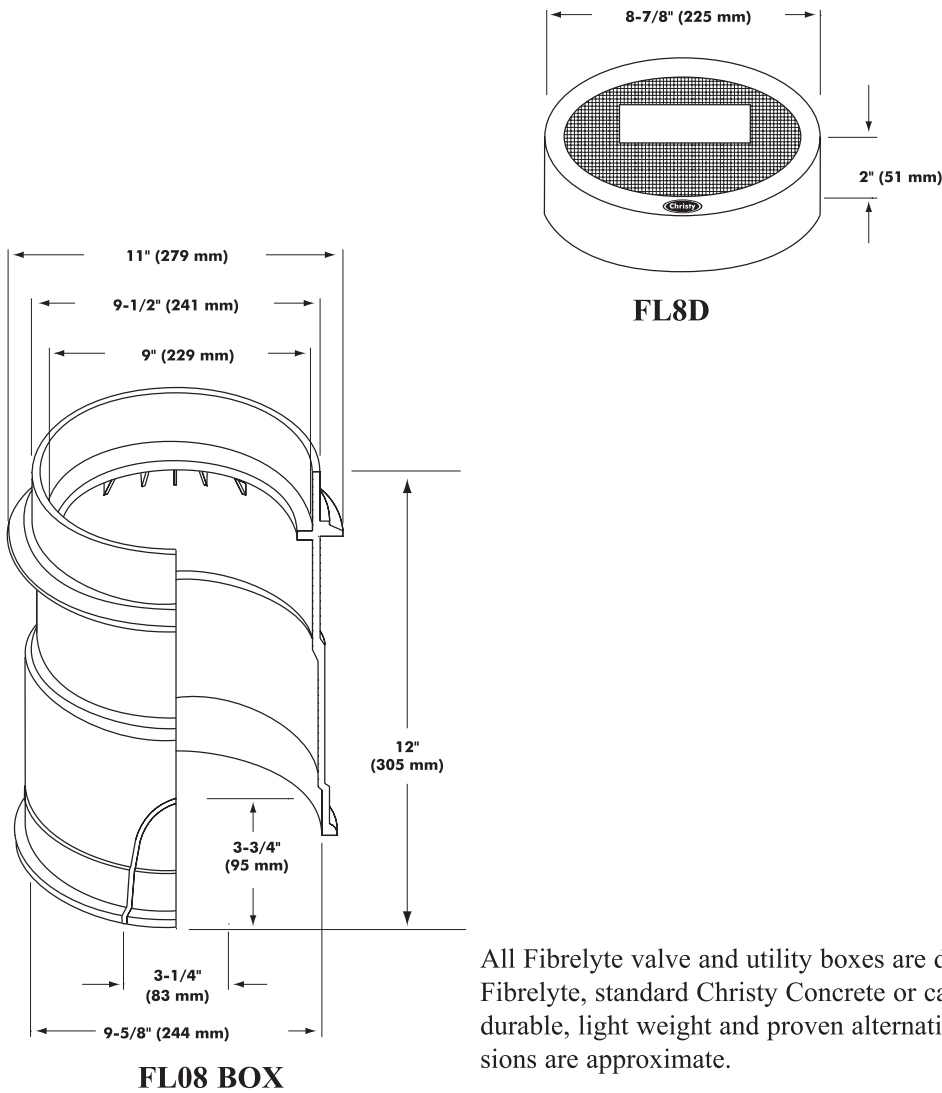


## Recommended Installation Procedure

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- 1. Excavation:** The dimensions of the excavation are determined by adding approximately 4" to 6" (101.6mm - 152.4mm) to the perimeter dimensions of the box. The depth of the excavation is dependent on local fill and base requirements. At a minimum, the depth should be 6" (152.4mm) deeper than the height of the box.
- 2. Preparation of Excavated Area:** Level and fill the bottom of the hole with at least 6" (152.4mm) of compactible material, such as sand or gravel. Due to its superior drainage characteristics, gravel is recommended. Level the compactible materials so that the top of the box is flush-to-grade.
- 3. Preparation of Box:** Place the box in the hole with the cover in place. If a vibratory tamping device is used for the backfill operation, internal shoring of the box is not necessary but may be required by certain agencies.
- 4. Conduit Installation:** Boxes are designed to accept conduit entry through the wall and/or under the box. Install the conduit in accordance with designed practices. Replace the cover on the box when installation of the conduit is completed.
- 5. Backfill Requirements:** Use natural or selected materials to backfill in non-traffic applications. Rocks larger than 1" (25.4mm) should not be used. Place select backfill into the excavation at 12" lifts and compact.  
  
For installation in concrete or pavement for driveways, parking lots and off-roadway applications where subject to occasional light traffic; complete final 8" of excavation with concrete (3000 psi min). This should be accomplished by providing a form around the enclosure that will produce an 8" wide x 8" deep collar.

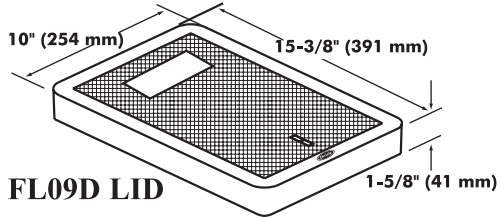




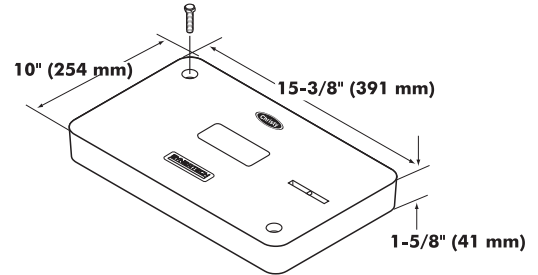
All Fibrelyte valve and utility boxes are designed to receive either Fibrelyte, standard Christy Concrete or cast iron lids. Fibrelyte is a durable, light weight and proven alternative to concrete. All dimensions are approximate.

Christy Ordering Code	Item	Approx. Shipping Weight	Description
FL08BOX	Box	6	FL08 Box (9" dia. I.D. x 12" high) - 64 per pallet
FL08TBOX	Box	6	FL08T Box for FL08 bolt down lid
FL08D	Lid	2	Fibrelyte lid
FL08T	Lid	2	Fibrelyte lid, bolt down (bolt included)
ADS	Extension		ADS plastic extension 6", 8", 12", 18" & 10' Standard lengths. Others on request. No adapter required.

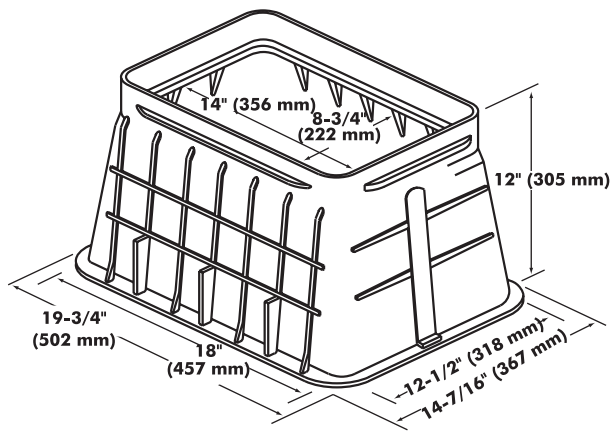
For bolt down lids specify either pentahead or standard hexhead bolts.



**FL09D LID**



**SYN09T LID**

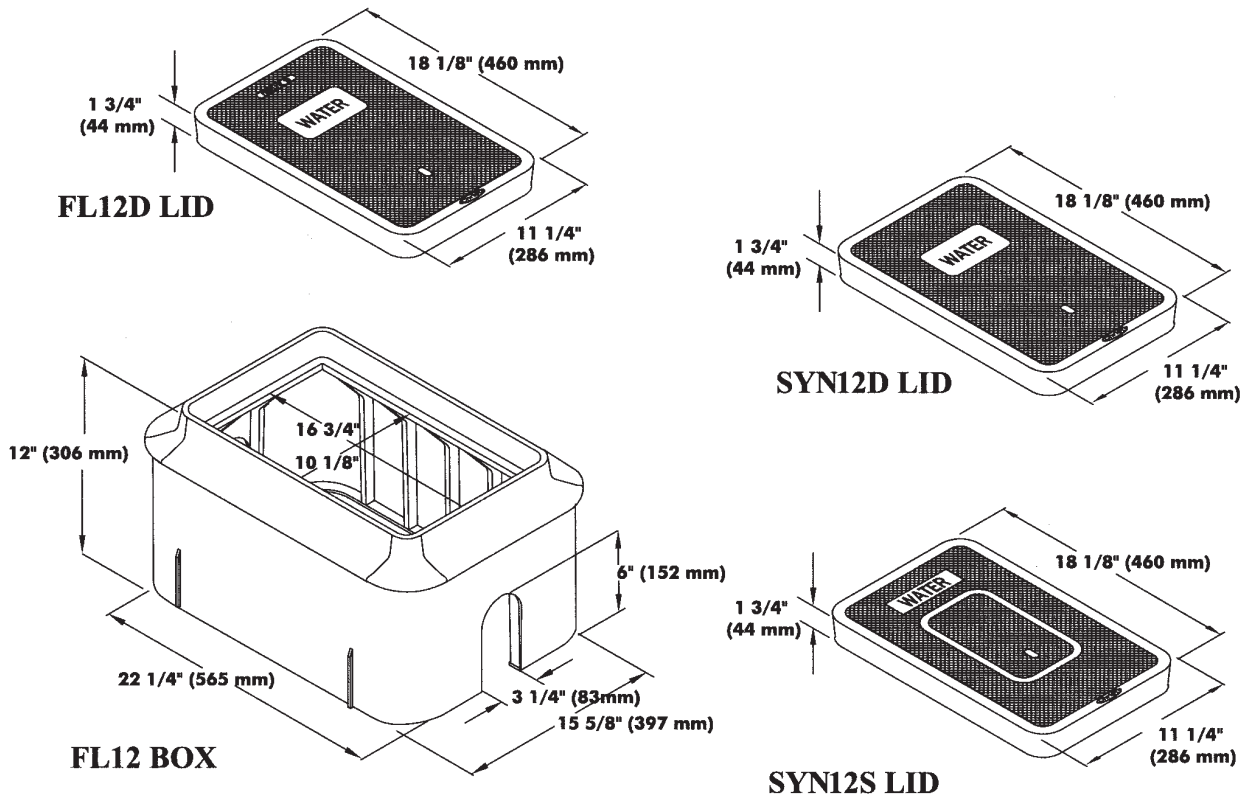


**FL09 BOX**

All Fibrelyte valve and utility boxes are designed to receive either Fibrelyte, Synertech, standard Christy Concrete or cast iron lids. Both Fibrelyte and Synertech are durable, light weight and a proven alternative to concrete. All dimensions are approximate.

Christy Ordering Code	Item	Approx. Shipping Weight	Description
FL09BOX	Box	16	FL09 Box (10" x 17" I.D. x 12" high) - 48 per pallet
FL09TBOX	Box	16	FL09T Box for FL09 bolt down lid
FL09D	Lid	5	Fibrelyte lid
FL09T	Lid	5	Fibrelyte lid, bolt down (order FL99 bolts separately)
B09C	Lid	20	Cast iron (bolt down available)
SYN09T	Lid	21	Synertech lid, bolt down (order FL99 bolts separately)

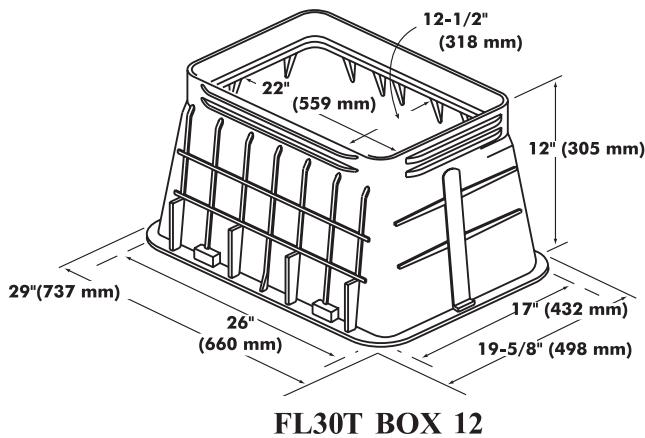
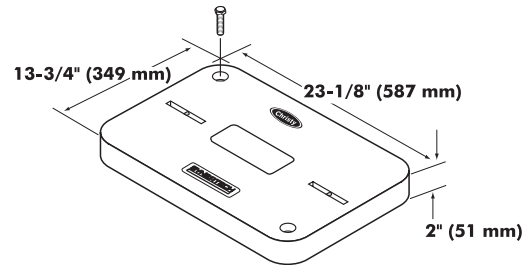
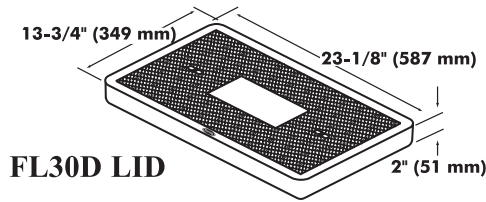
For bolt down lids specify either pentahead or standard hexhead bolts.



All Fibrelyte and Synertech valve and utility boxes are designed to receive either Fibrelyte, Synertech, standard Christy Concrete or cast iron lids. Both Fibrelyte and Synertech are durable, lightweight and a proven alternative to concrete. All dimensions are approximate.

Christy Ordering Code	Item	Approx. Shipping Weight	Description
FL12BOX	Box	21	FL12 Box (12"x20" I.D.x12" high) 20 per pallet
FL12TBOX	Box	21	FL12T Box for FL12 bolt down lid
FL12D	Lid	10	Fibrelyte lid
FL12T	Lid	10	Fibrelyte lid, bolt down (order FL99 bolts separately)
SYN12D	Lid	13	Synertech lid
SYN12S	Lid	13	Synertech lid w/ 5 1/2" x 9 1/8" reading lid

For bolt down lids specify either pentahead or standard hexhead bolts.



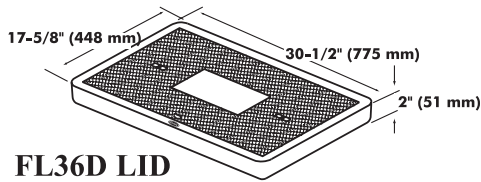
All Fibrelyte valve and utility boxes are designed to receive either Fibrelyte, Synertech, standard Christy Concrete or cast iron lids. Both Fibrelyte and Synertech are durable, light weight and a proven alternative to concrete. All dimensions are approximate.

Christy Ordering Code	Item	Approx. Shipping Weight	Description
FL30TBOX	Box	26	FL30 Box (13" x 24" x 12" high) - 30 per pallet
FL30TBOX18	Box	34	FL30 Box (13" x 24" x 18" high) - 18 per pallet
FL30TBOX20	Box	38	FL30 Box (13" x 24" x 20" high) - 15 per pallet
FL30D	Lid	20	Fibrelyte lid
FL30T	Lid	20	Fibrelyte lid, bolt down (order FL99 bolts separately)
FL30X6	Extension	8	6" high extension
FL30X8	Extension	12	8" high extension
SYN1324T	Lid	33	Synertech lid, bolt down (order FL99 bolts separately)
SYN1324TBOX12	Box	50	SYN1324 box (13" x 24" x 12" high) - 20 per pallet
SYN1324TBOX18	Box	57	SYN1324 box (13" x 24" x 18" high) - 16 per pallet
SYN1324TBOX24	Box	67	SYN1324 box (13" x 24" x 24" high) - 12 per pallet
SYN1324TBOX36	Box	92	SYN1324 box (13" x 24" x 36" high) - 8 per pallet

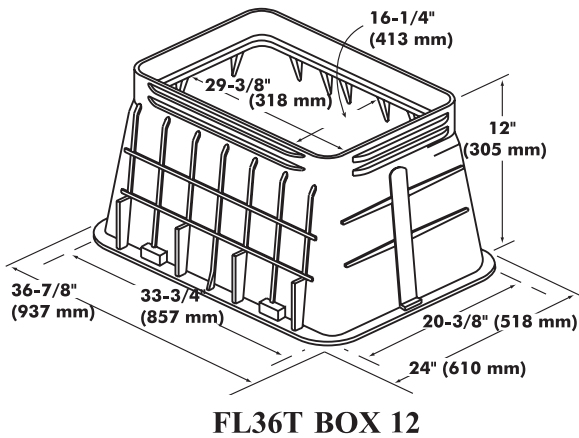
For bolt down lids specify either pentahead or standard hexhead bolts.



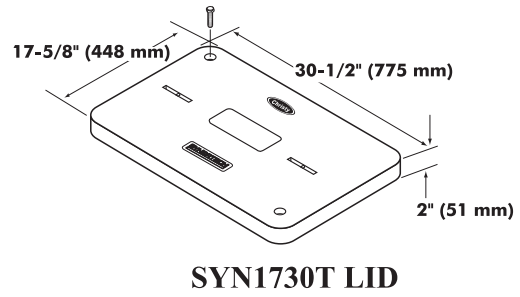
## Polymer Box 17 x 30



**FL36D LID**



**FL36T BOX 12**



**SYN1730T LID**

All Fibrelyte valve and utility boxes are designed to receive either Fibrelyte, Synertech, standard Christy Concrete or cast iron lids. Both Fibrelyte and Synertech are durable, light weight and a proven alternative to concrete. All dimensions are approximate.

Christy Ordering Code	Item	Approx. Shipping Weight	Description
FL36TBOX12	Box	39	FL36 Box (17" x 30" x 12" high) - 20 per pallet
FL36TBOX18	Box	51	FL36 Box (17" x 30" x 18" high) - 12 per pallet
FL36TBOX20	Box	58	FL36 Box (17" x 30" x 20" high) - 10 per pallet
FL36D	Lid	36	Fibrelyte lid
FL36T	Lid	36	Fibrelyte lid, bolt down (order FL99 bolts separately)
FL36X6	Extension	12	6" high extension
FL36X8	Extension	20	8" high extension
SYN1730T	Lid	62	Synertech lid, bolt down (order FL99 bolts separately)
SYN1730TBOX12	Box	70	SYN1730 box (17" x 30" x 12" high) - 22 per pallet
SYN1730TBOX18	Box	80	SYN1730 box (17" x 30" x 18" high) - 18 per pallet
SYN1730TBOX24	Box	85	SYN1730 box (17" x 30" x 24" high) - 12 per pallet
SYN1730TBOX36	Box	111	SYN1730 box (17" x 30" x 36" high) - 8 per pallet

For bolt down lids specify either pentahead or standard hexhead bolts.



**SPECIFIED AND PREFERRED WORLDWIDE**

**CARSON**

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### **Cable Troughs**

### **Cable Trough Options**

### **Duct**

### **Equipment Pads**

### **Pedestals**



Oldcastle Precast Enclosure Solutions is the world's largest manufacturer of grade level enclosures. With over 40 years of experience, we can provide the right product for your next outside plant project.

Our products range from small high density polyethylene handholes with 7-inch openings to large polymer concrete vaults with 72-inch openings. We also have cable troughs and equipment pads to fit various applications.

## High Density Polyethylene Plastic Products from Carson:

- Dependable
- Lightweight and easy to install
- Ultraviolet stabilized with anti-oxidants
- Nest for shipping
- Chemical resistant
- Impervious to moisture
- Low pressure molded, strong and virtually stress-free
- Provide large working areas

## Polymer Concrete Products from Carson:

- **Lightweight** — approximately 30% less than the weight of concrete, reducing freight and installation costs
- **Cost Effective** — outperforms conventional materials for longer life-cycles
- **Minimal Moisture Absorption** — closed-cell material is resistant to alkaline, acid, weathering and other forms of deterioration
- **Stronger** — compressive and flexural strengths higher than concrete and fiberglass
- **Resistant** — resists temperature extremes, warpage and freeze/thaw cycles
- **Durable** — proprietary material resists chipping and cracking

Please call Oldcastle Precast Enclosure Solutions with your next project. Our Customer Service, Sales and Engineering personnel are ready to provide you with the right product and technical support needed to bring your project to a successful completion.

1160 Nicole Court  
Glendora, CA 91740  
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# Light Duty Vaults/Enclosures

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- Greenbelt/landscape installation
- Pedestrian traffic load rating only
- Not suited for vehicular loading
- Thermoplastic bodies and covers

## Loading Designations

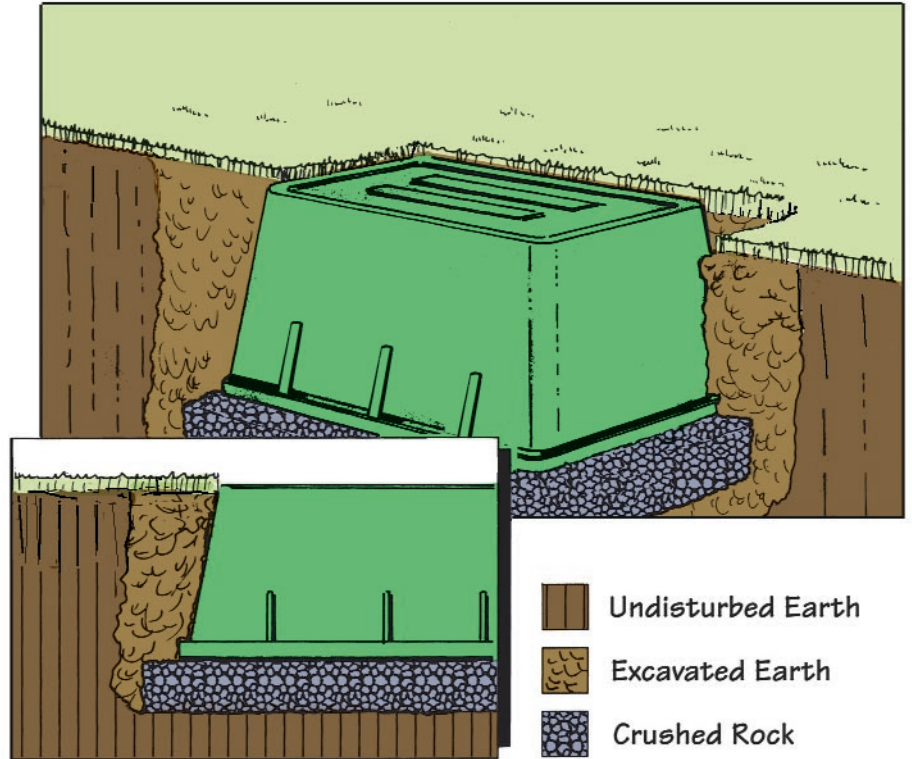
	Designation	Design Load	Test Load
<b>ASTM C857</b>	A-0.3	300 lbf/ft <sup>2</sup>	600 lbf/ft <sup>2</sup>
<b>SCTE</b>	Light Duty	(Pedestrian)	3,000 lbf
<b>GR902</b>	Greenway	850 <sup>1</sup> lbf *	1700 <sup>1</sup> lbf *
		1100 lbf/ft <sup>2</sup> **	2200 lbf/ft <sup>2</sup> **

\* Requirement

\*\* Objective Load



## **Recommended Installation Method:**



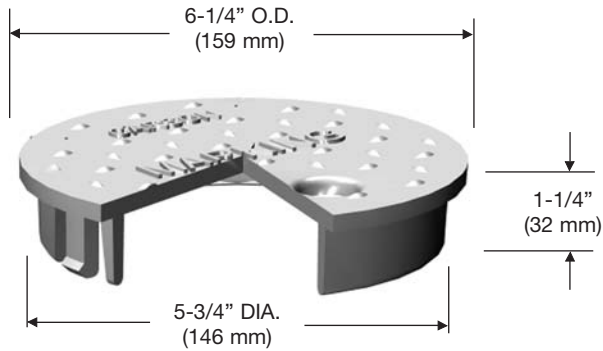
### **Light Duty Product**

Typical grass surround installation

Crushed rock backfill is shown as specified in the Company's Installation Procedure. The tamped crushed rock supports the vault preventing subsidence and provides for drainage. The excavated spoils have been used for backfill. Note the soil is free of rocks larger than three inches.

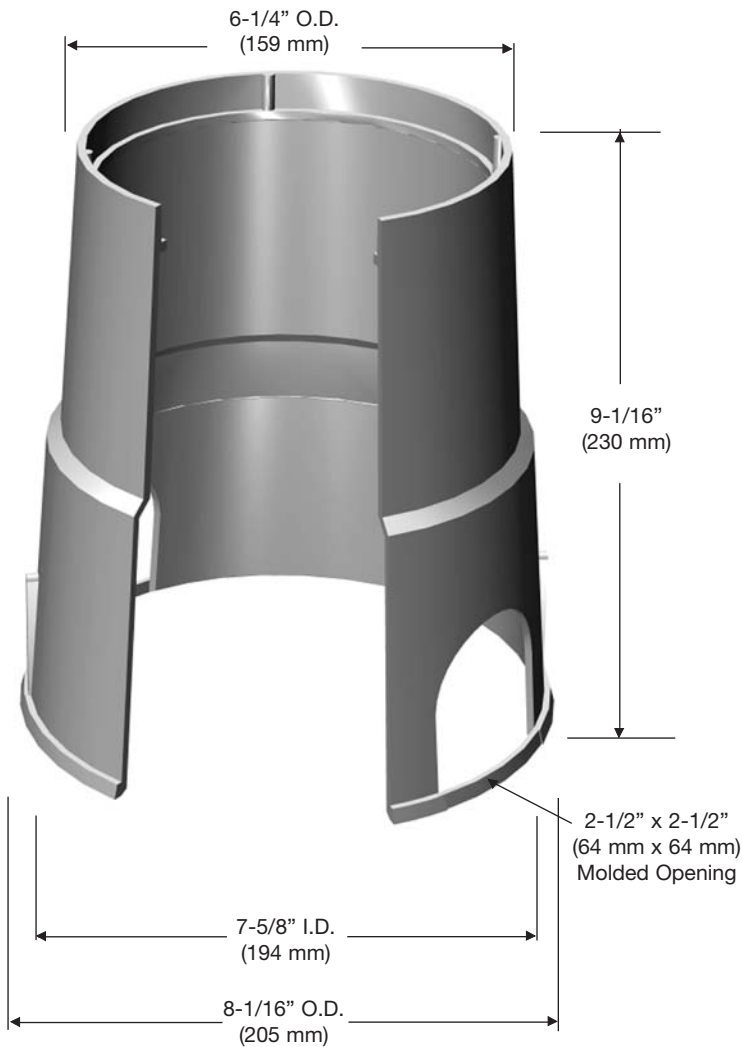
# L Series 708

## Light Duty



### T-Cover

Material: Polyolefin  
 Weight: .25 lbs.  
 Model: 708-4



### Body

Material: Polyolefin  
 Weight: 1.0 lbs.  
 Model: 708-9

### Colors Available

Black Body, Green Cover  
 Tan Body and Cover

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L Series 708



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

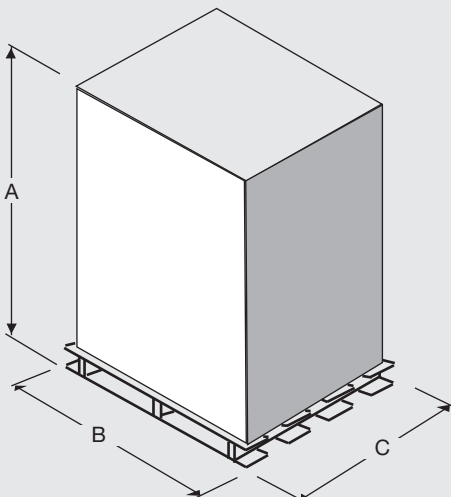
- 14 assemblies per stack
- 24 stacks per gaylord/unit
- Gaylord/unit, 336 assemblies, = 39.42 cu. ft., 435.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



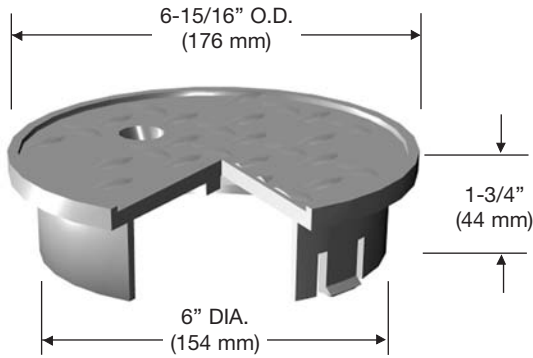
Dim.	Description	Value
A	Height	43"
B	Length	48"
C	Width	33"

**Units:** 336 per pallet  
**Weight:** 460 lbs. per pallet  
 (No Sleeves)

All information contained in this brochure was current at the time of printing. Because of Oldcastle Precast's policy of ongoing research and development, the Company reserves the right to discontinue or update product information without notice.

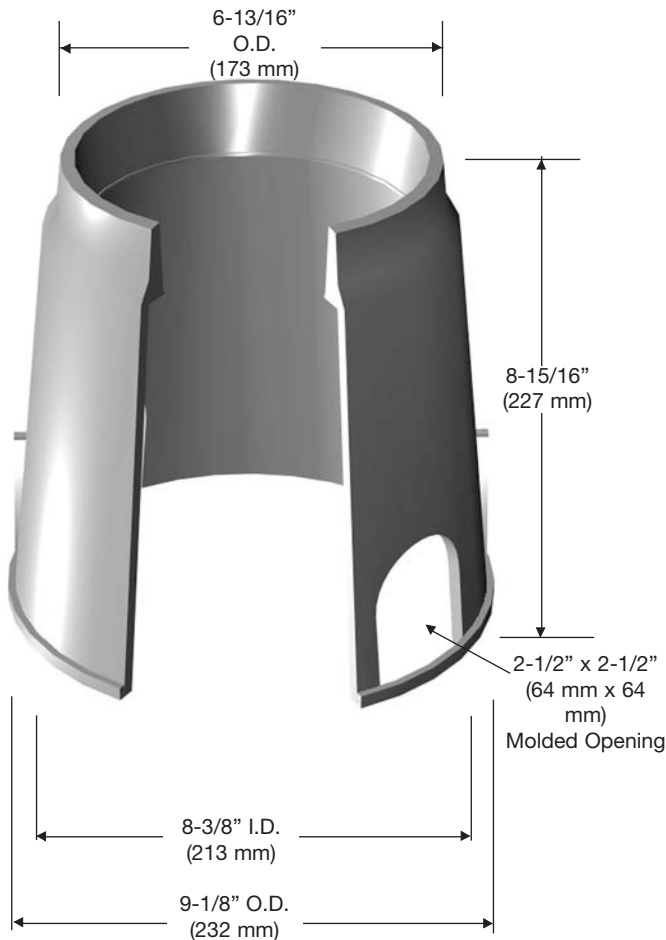
# L Series 809

## Light Duty



### T-Cover

Material: Polyolefin  
 Weight: 0.5 lbs.  
 Model: 809-4



### Body

Material: Polyolefin  
 Weight: 2.0 lbs.  
 Model: 809-9

### Colors Available

Green Body and Cover  
 Black Body and Cover

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L Series 809



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

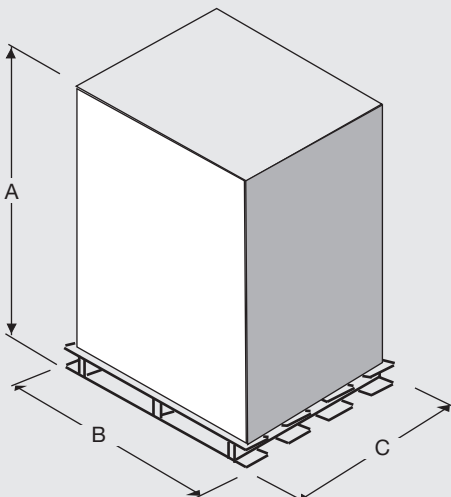
- Unit, 240 assemblies, = 49.5 cu. ft., 565.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information

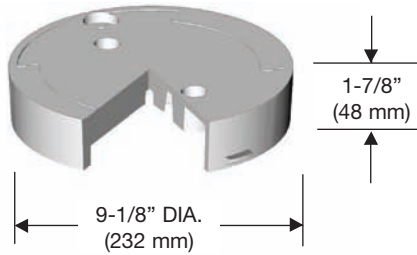


Dim.	Description	Value
A	Height	51"
B	Length	40"
C	Width	48"

**Units:** 240 per pallet  
**Weight:** 640 lbs. per pallet

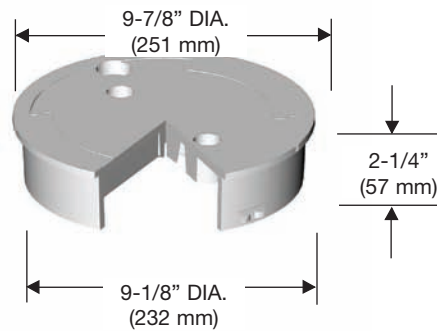
# L Series 910

## Light Duty



### Flush Cover

Material: HDPE  
 Weight: 1.5 lbs.  
 Model: 910-3 No Bolt  
 910-3B Bolt Down

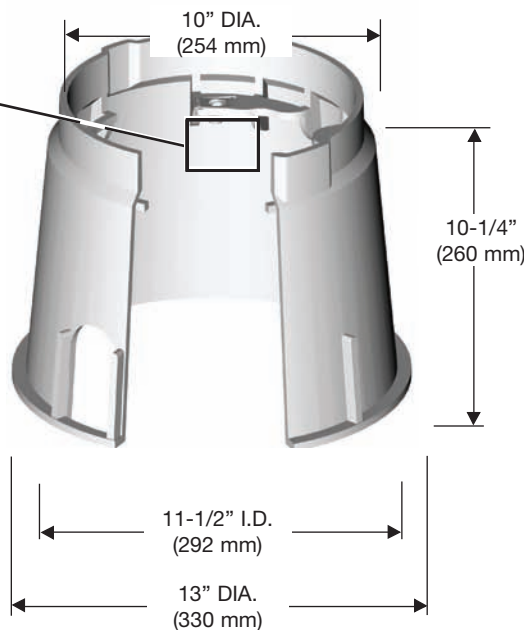


### T-Cover

Material: HDPE  
 Weight: 1.5 lbs.  
 Model: 910-4 No Bolt  
 910-4B Bolt Down



**Loc-Kit™**  
(Patent Pending)



### Body

Material: HDPE  
 Weight: 3.0 lbs.  
 Model: 910-10

### Colors Available

Green, Grey, Black, Tan or Violet

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.



# L Series 910



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

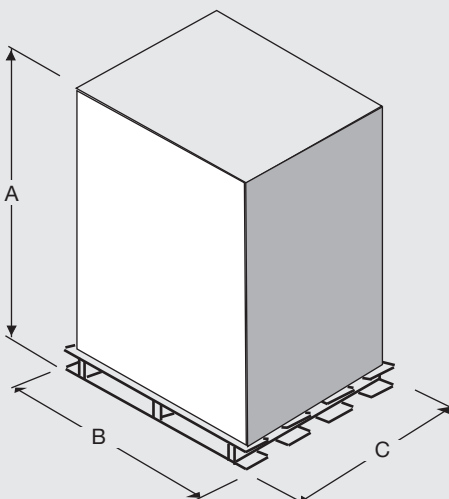
- Unit, 99 assemblies,  
= 42.25 cu. ft., 395.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information

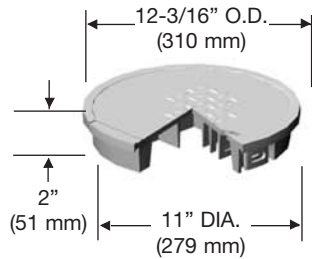


Dim.	Description	Value
A	Height	49"
B	Length	45"
C	Width	38"

**Units:** 99 per pallet  
**Weight:** 486 lbs. per pallet

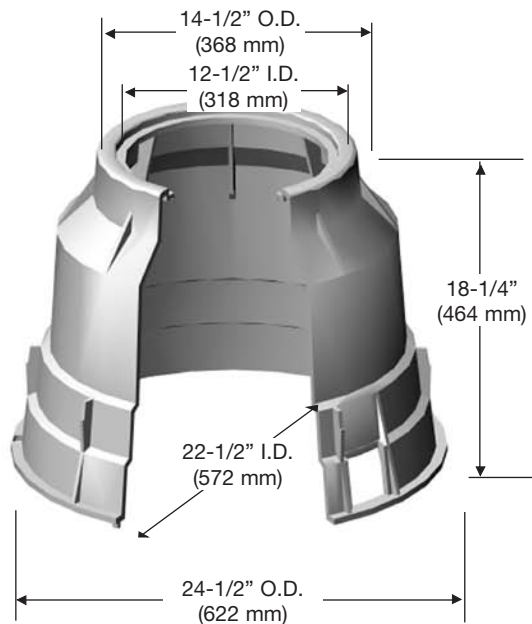
# L Series 2200-18

## Light Duty



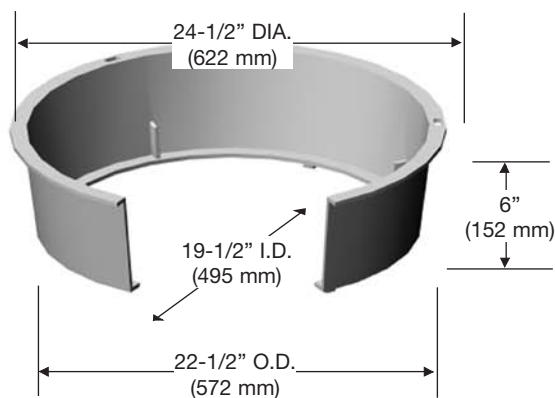
### Flush Cover

Material: HDPE  
 Weight: 4.2 lbs.  
 Model: 2200-3D  
 See **OPTIONS SECTION**:  
 – Key operated Dallas lock  
 – Cast Iron Cover



### Body

Material: HDPE  
 Weight: 13.4 lbs.  
 Model: 2200-18



### 6" Bottom Extension

Material: HDPE  
 Weight: 4.0 lbs.  
 Model: 2200-6X

### Colors Available

Black

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L Series 2200-18



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

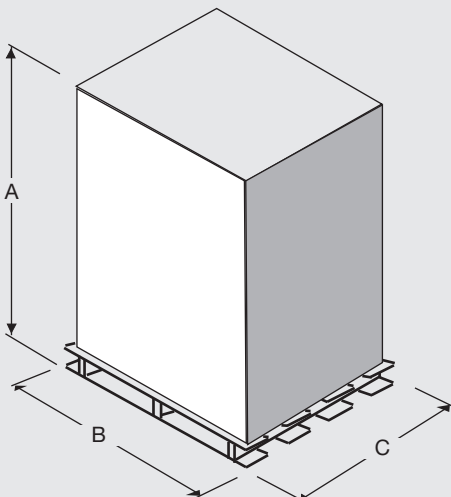
- Unit, 64 assemblies,  
= 138.66 cu. ft., 1,075.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



Dim.	Description	Value
A	Height	104"
B	Length	48"
C	Width	48"

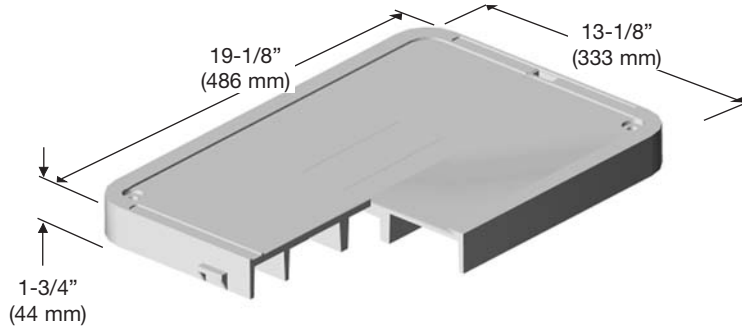
**Units:** 64 per pallet

**Weight:** 1,171 lbs. per pallet

All information contained in this brochure was current at the time of printing. Because of Oldcastle Precast's policy of ongoing research and development, the Company reserves the right to discontinue or update product information without notice.

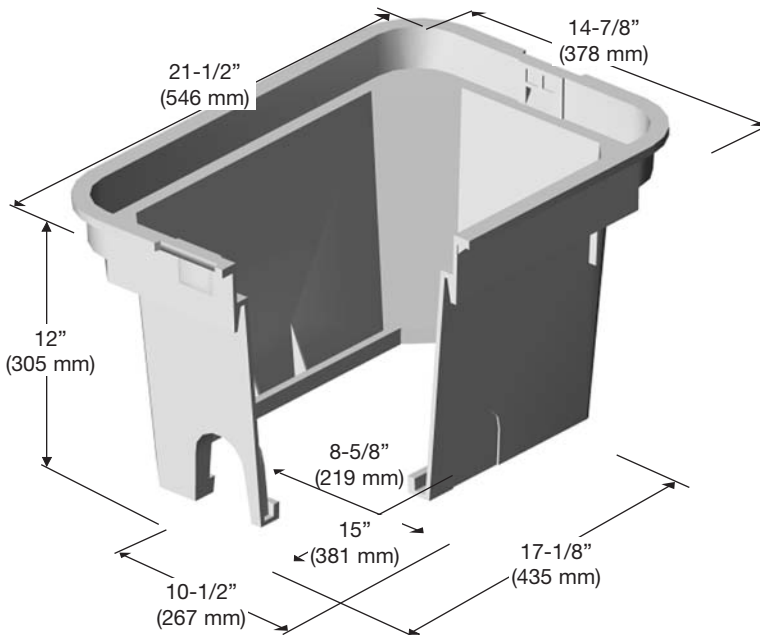
# L Series 1017-12

## Light Duty



### Flush Cover

Material: HDPE  
 Weight: 3.0 lbs.  
 Model: 1017-3  
 See *OPTIONS SECTION*:  
 – Meter reader cover



### Body

Material: HDPE  
 Weight: 6.4 lbs.  
 Model: 1017-12

### Colors Available

Gray or Green

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L Series 1017-12



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

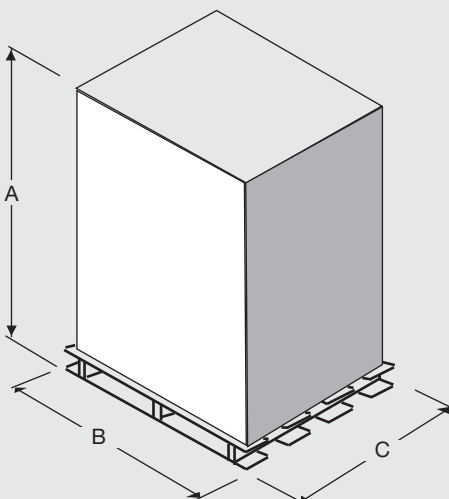
- Unit, 66 assemblies, = 56.0 cu. ft., 660 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



UNIT			COVER			BODY		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	50"	A	Height	60"	A	Height	50"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"

**Units:** 66 per pallet  
**Weight:** 660 lbs. per pallet

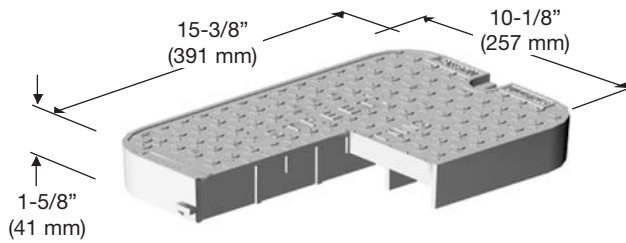
**Units:** 210 per pallet  
**Weight:** 670 lbs. per pallet

**Units:** 66 per pallet  
**Weight:** 463 lbs. per pallet

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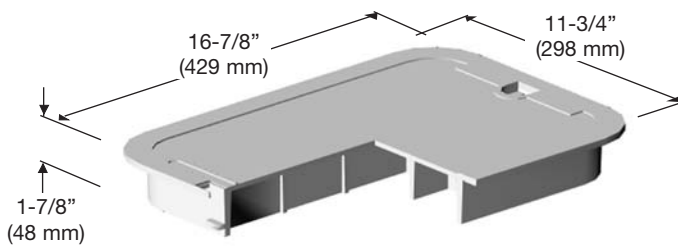
# L Series 1419-6

## Light Duty



### Flush Cover

Material: HDPE  
 Weight: 3.0 lbs.  
 Model: 1419-3 No Bolt  
 1419-3B Bolt Down

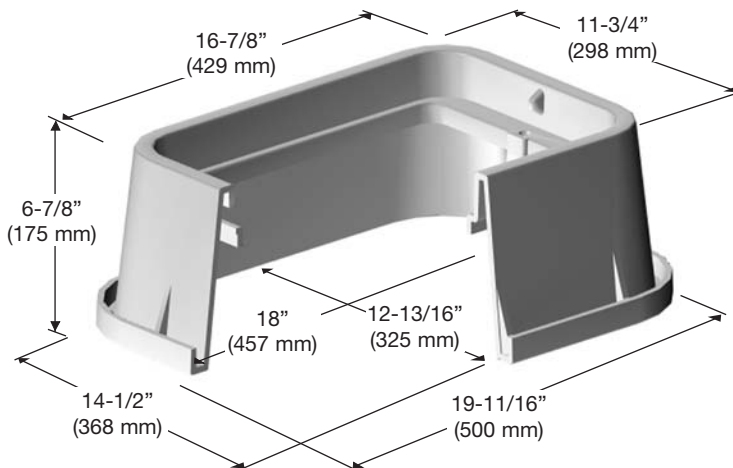


### T-Cover

Material: HDPE  
 Weight: 3.0 lbs.  
 Model: 1419-4 No Bolt  
 1419-4B Bolt Down

See **OPTIONS SECTION**:

- Meter reader cover
- Cast iron cover



### Body

Material: HDPE  
 Weight: 4.5 lbs.  
 Model: 1419-6

### Colors Available

Green, Gray, Black, Tan or Violet

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L Series 1419-6



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

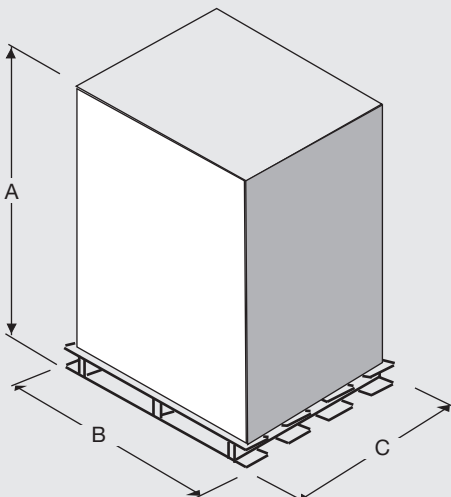
- Unit, 90 assemblies,  
= 55.75 cu. ft., 775.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



UNIT			FLUSH COVER			T-COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	51"	A	Height	50"	A	Height	56"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"

**Units:** 90 per pallet  
**Weight:** 715 lbs. per pallet

**Units:** 250 per pallet  
**Weight:** 790 lbs. per pallet

**Units:** 250 per pallet  
**Weight:** 790 lbs. per pallet

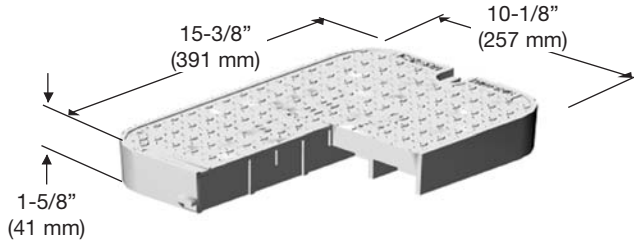
BODY		
Dim.	Description	Value
A	Height	51"
B	Length	40"
C	Width	48"

**Units:** 90 per pallet  
**Weight:** 445 lbs. per pallet

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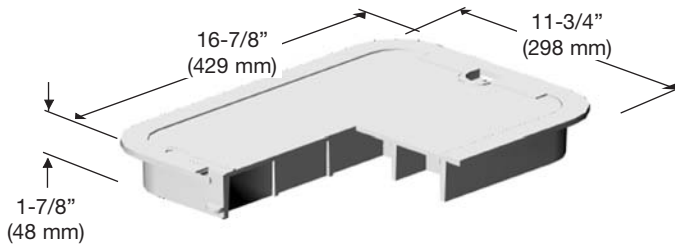
# L Series 1419-12

## Light Duty



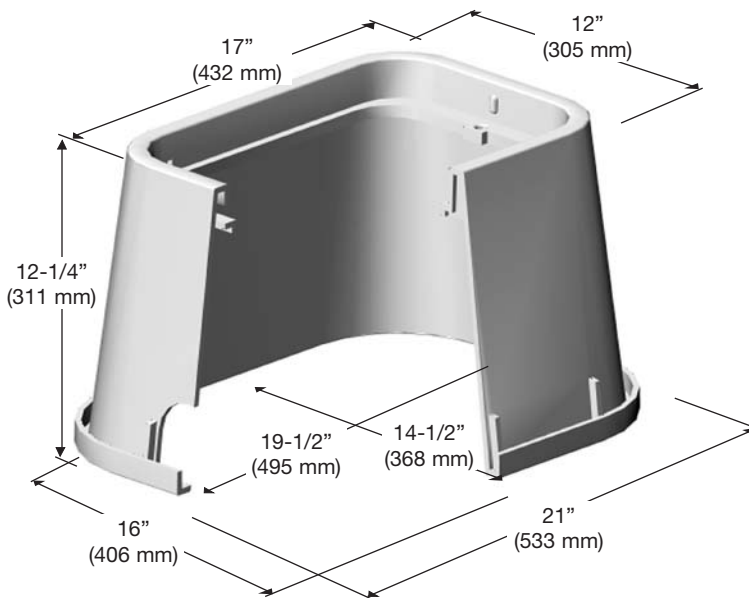
### Flush Cover

Material: HDPE  
 Weight: 3.0 lbs.  
 Model: 1419-3 No Bolt  
 1419-3B Bolt Down  
 See *OPTION SECTION*:  
 – Hinged Cover



### T-Cover

Material: HDPE  
 Weight: 3.0 lbs.  
 Model: 1419-4 No Bolt  
 1419-4B Bolt Down  
 See *OPTION SECTION*:  
 – Meter reader cover



### Body

Material: HDPE  
 Weight: 7.0 lbs.  
 Model: 1419-12  
 See *OPTION SECTION*:  
 – Slots

### Colors Available

Green, Gray, Black, Tan or Violet

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.



# L Series 1419-12



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>;  
Report Ultimate
- SCTE – Light Duty, Pedestrian;  
3,000 lbf

### Shipping Configuration

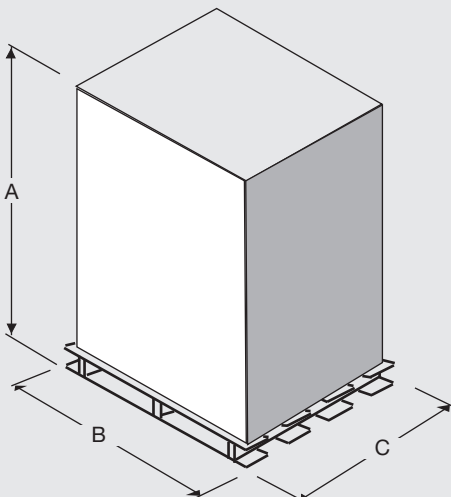
- Unit, 78 assemblies,  
= 58.5 cu. ft., 860.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test	
	Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



UNIT			FLUSH COVER			T-COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	53"	A	Height	50"	A	Height	56"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"

**Units:** 78 per pallet  
**Weight:** 820 lbs. per pallet

**Units:** 250 per pallet  
**Weight:** 790 lbs. per pallet

**Units:** 250 per pallet  
**Weight:** 790 lbs. per pallet

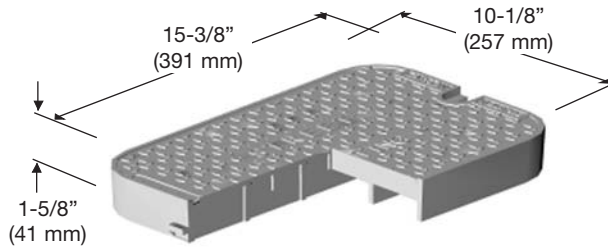
BODY		
Dim.	Description	Value
A	Height	53"
B	Length	40"
C	Width	48"

**Units:** 78 per pallet  
**Weight:** 586 lbs. per pallet

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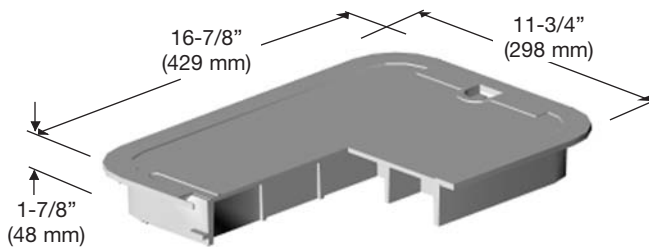
# L Series 1419-6X

## Light Duty



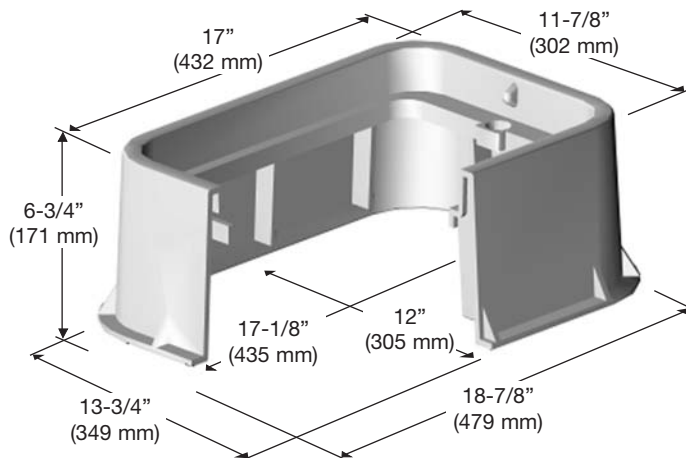
### Flush Cover

Material: HDPE  
 Weight: 3.0 lbs.  
 Model: 1419-3 No Bolt  
 1419-3B Bolt Down



### T-Cover

Material: HDPE  
 Weight: 3.0 lbs.  
 Model: 1419-4 No Bolt  
 1419-4B Bolt Down



### Body

Material: HDPE  
 Weight: 4.5 lbs.  
 Model: 1419-6X

### Colors Available

Green, Gray or Black

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L -Series 1419-6X



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>;  
Report Ultimate
- SCTE – Light Duty, Pedestrian;  
3,000 lbf

### Shipping Configuration

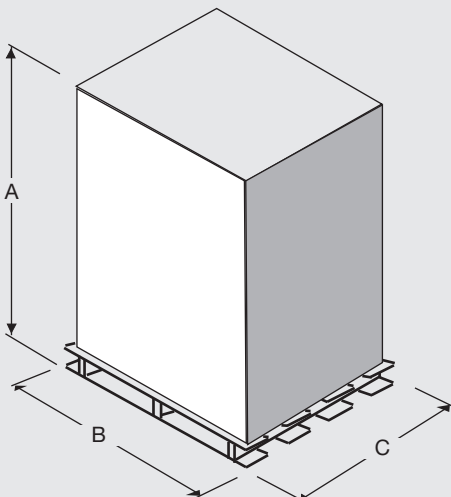
- Unit, 42 assemblies,  
= 43.0 cu. ft., 340.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Configuration



UNIT			FLUSH COVER			T-COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	50"	A	Height	50"	A	Height	56"
B	Length	36"	B	Length	40"	B	Length	40"
C	Width	42"	C	Width	48"	C	Width	48"

**Units:** 42 per pallet  
**Weight:** 355 lbs. per pallet

**Units:** 250 per pallet  
**Weight:** 790 lbs. per pallet

**Units:** 250 per pallet  
**Weight:** 790 lbs. per pallet

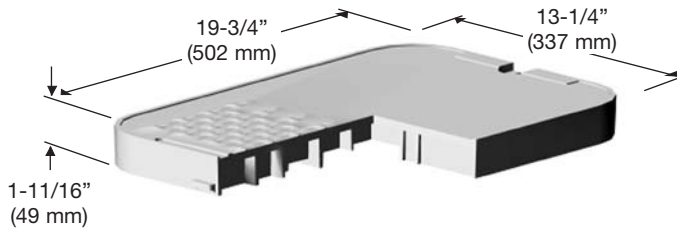
BODY		
Dim.	Description	Value
A	Height	50"
B	Length	36"
C	Width	42"

**Units:** 54 per pallet  
**Weight:** 283 lbs. per pallet

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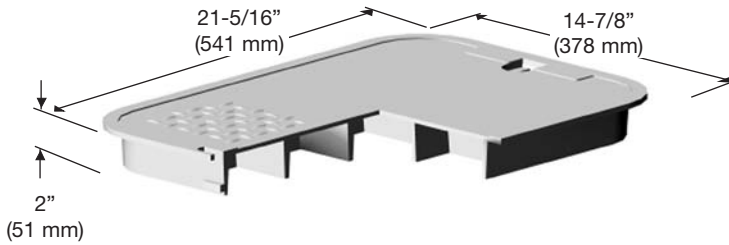
# L Series 1220-6

## Light Duty



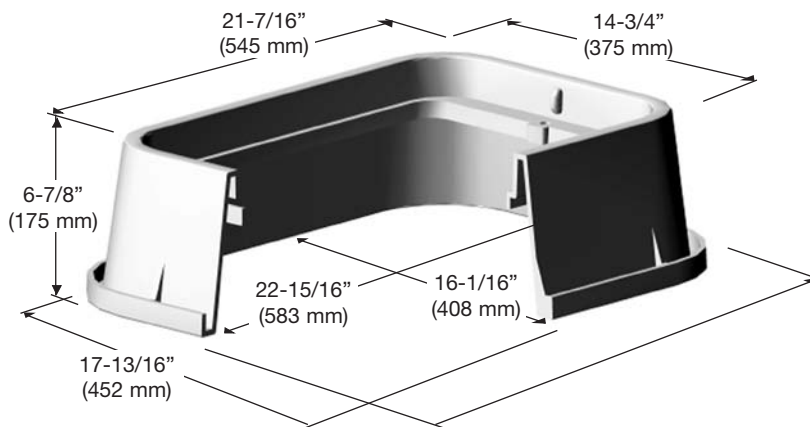
### Flush Cover

Material: HDPE  
 Weight: 4.0 lbs.  
 Model: 1220-3 No Bolt  
 1220-3B Bolt Down



### T-Cover

Material: HDPE  
 Weight: 4.0 lbs.  
 Model: 1220-4 No Bolt  
 1220-4B Bolt Down  
 See *OPTIONS SECTION*:  
 – Meter reader cover



### Body

Material: HDPE  
 Weight: 6.0 lbs.  
 Model: 1220-6

### Colors Available

Green, Gray, Black, Tan or Violet

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L Series 1220-6



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

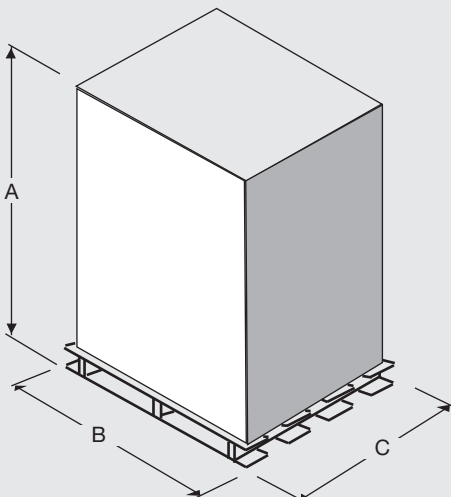
- Unit, 60 assemblies,  
= 53.5 cu. ft., 605.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



UNIT			FLUSH COVER			T-COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	50"	A	Height	47"	A	Height	53"
B	Length	42"	B	Length	40"	B	Length	40"
C	Width	44"	C	Width	48"	C	Width	48"

**Units:** 60 per pallet  
**Weight:** 640 lbs. per pallet

**Units:** 150 per pallet  
**Weight:** 640 lbs. per pallet

**Units:** 150 per pallet  
**Weight:** 640 lbs. per pallet

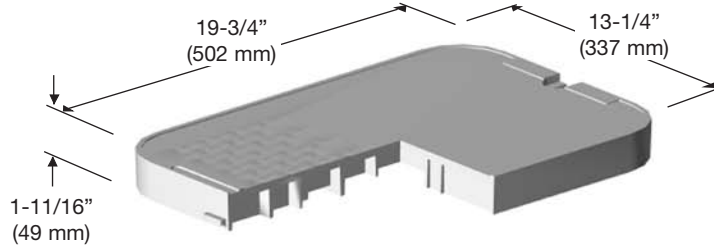
BODY		
Dim.	Description	Value
A	Height	50"
B	Length	42"
C	Width	44"

**Units:** 60 per pallet  
**Weight:** 400 lbs. per pallet

All information contained in this brochure was current at the time of printing. Because of Oldcastle Precast's policy of ongoing research and development, the Company reserves the right to discontinue or update product information without notice.

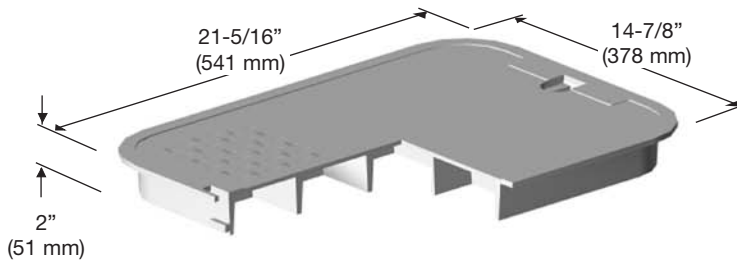
# L Series 1220-12

## Light Duty



### Flush Cover

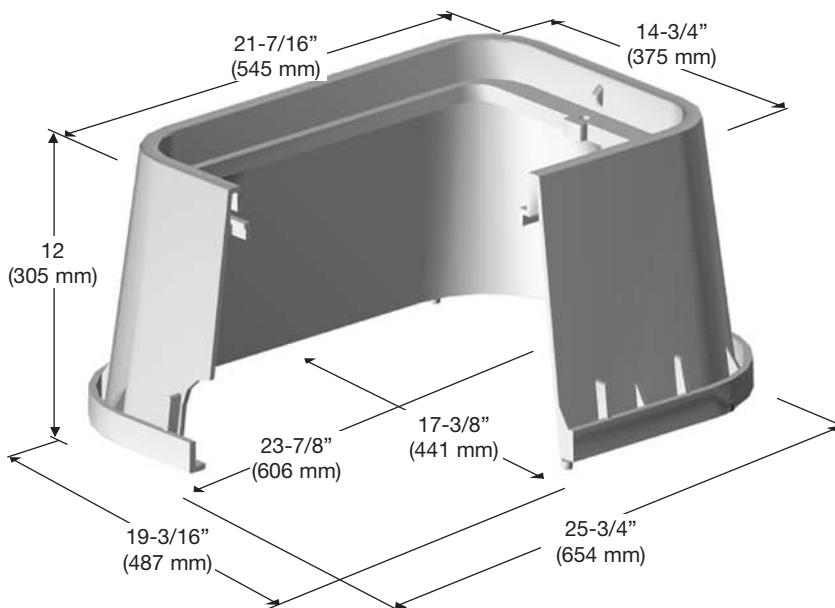
Material: HDPE  
 Weight: 4.0 lbs.  
 Model: 1220-3 No Bolt  
 1220-3B Bolt Down



### T-Cover

Material: HDPE  
 Weight: 4.0 lbs.  
 Model: 1220-4 No Bolt  
 1220-4B Bolt Down

See **OPTIONS SECTION**:  
 – Meter reader cover  
 – Cast Iron Cover



### Body

Material: HDPE  
 Weight: 9.4 lbs.  
 Model: 1220-12

### Colors Available

Green, Gray, Black, Tan or Violet

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L Series 1220-12



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

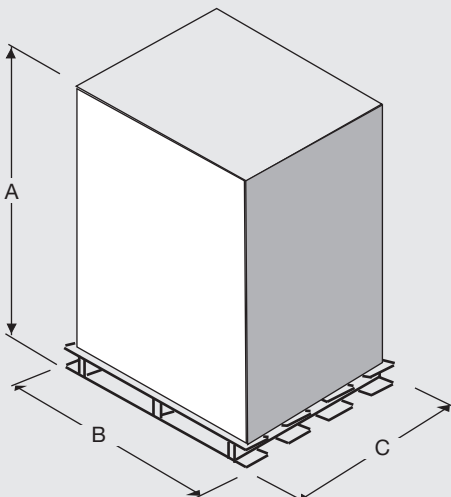
- Unit, 48 assemblies,  
= 56.14 cu. ft., 675.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



UNIT			FLUSH COVER			T-COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	50"	A	Height	47"	A	Height	53"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"

**Units:** 48 per pallet  
**Weight:** 683 lbs. per pallet

**Units:** 150 per pallet  
**Weight:** 640 lbs. per pallet

**Units:** 150 per pallet  
**Weight:** 640 lbs. per pallet

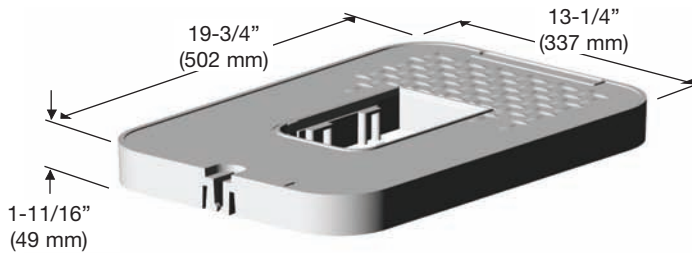
BODY		
Dim.	Description	Value
A	Height	50"
B	Length	40"
C	Width	48"

**Units:** 48 per pallet  
**Weight:** 492 lbs. per pallet

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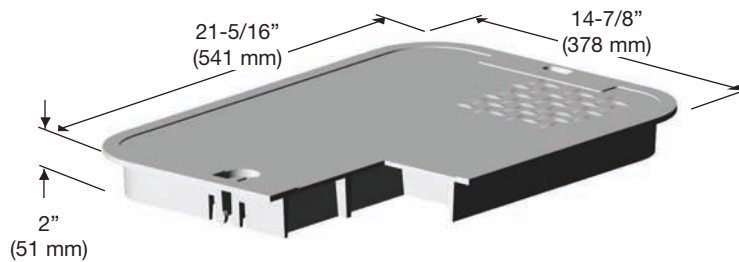
# L Series 1220-6X

## Light Duty



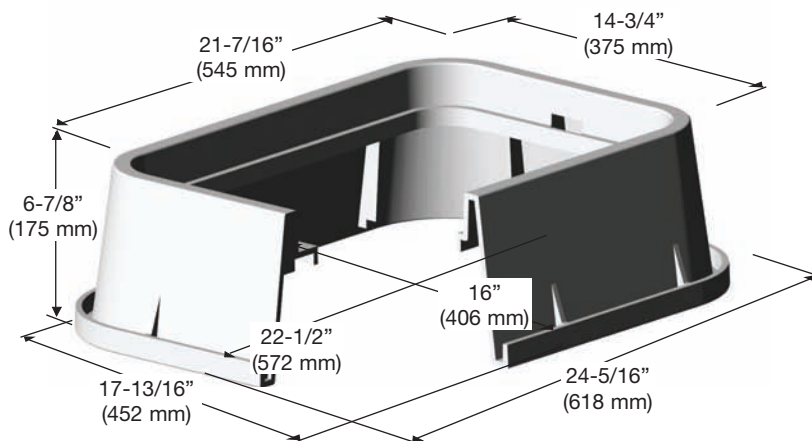
### Flush Cover

Material: HDPE  
 Weight: 4.0 lbs.  
 Model: 1220-3 No Bolt  
 1220-3B Bolt Down



### T-Cover

Material: HDPE  
 Weight: 4.0 lbs.  
 Model: 1220-4 No Bolt  
 1220-4B Bolt Down  
 See *OPTIONS SECTION*:  
 – Meter reader cover



### Extension Body

Material: HDPE  
 Weight: 6.0 lbs.  
 Model: 1220-6X

### Colors Available

Green, Gray, Black, Tan or Violet

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.



# L Series 1220-6X



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

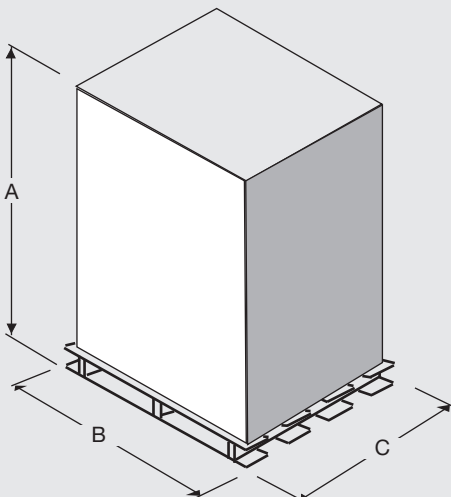
- Unit, 28 assemblies, = 51.33 cu. ft., 330.0 lbs.
- Unit, 32 extensions only, = 210.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test	
	Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



UNIT			FLUSH COVER			T-COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	50"	A	Height	47"	A	Height	53"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"

**Units:** 32 per pallet  
**Weight:** 360 lbs. per pallet

**Units:** 150 per pallet  
**Weight:** 640 lbs. per pallet

**Units:** 150 per pallet  
**Weight:** 640 lbs. per pallet

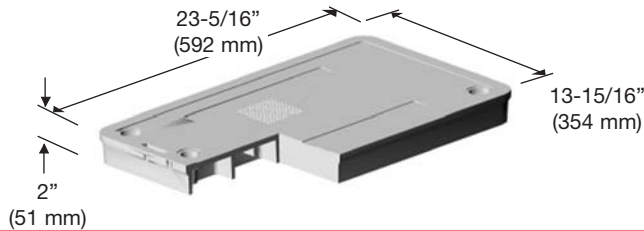
BODY		
Dim.	Description	Value
A	Height	48"
B	Length	40"
C	Width	48"

**Units:** 32 per pallet  
**Weight:** 230 lbs. per pallet

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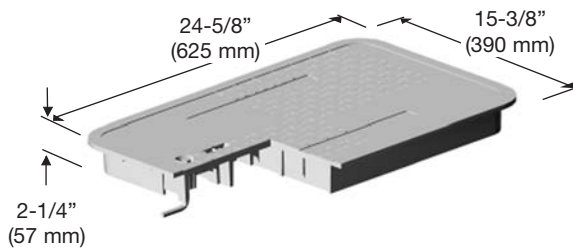
# L Series 1324

## Light Duty



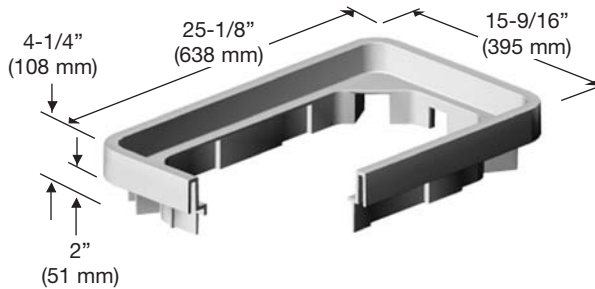
### Flush Cover

Material: HDPE  
 Weight: 6.0 lbs.  
 Model: 1324-3B Bolt Down  
 1324-3L Captive L-Bolt Lock



### T-Cover

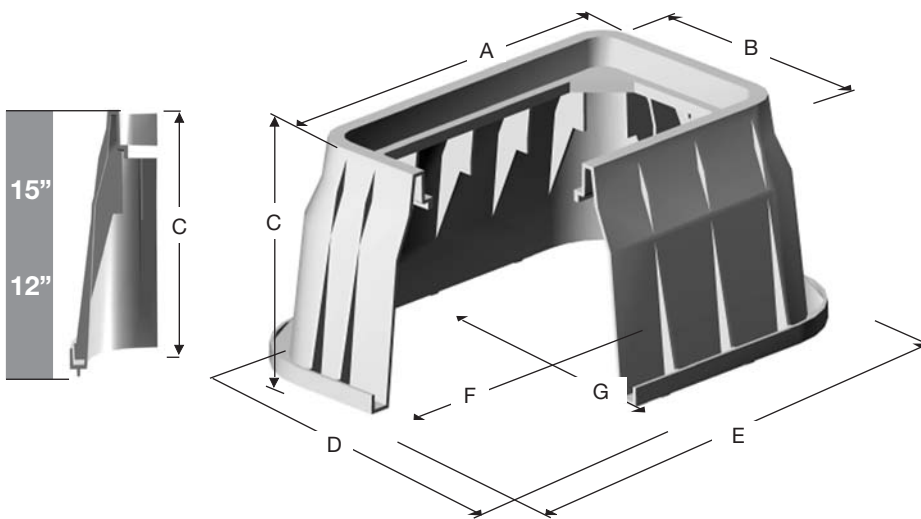
Material: HDPE  
 Weight: 6.0 lbs.  
 Model: 1324-4B Bolt Down  
 1324-4L Captive L-Bolt Lock



### Grade Ring

Material: HDPE  
 Weight: 4.0 lbs.  
 Model: 1324\*\*2RH

(Stackable)



### Bodies (1324-12, 1324-15)

Material: HDPE  
 Weight 12: 16.0 lbs.  
 Model. 12: 1324-12

Weight 15: 20.0 lbs.  
 Model. 15: 1324-15

### Colors Available

Green, Gray or Black

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Revision Date 4/2003

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	A	B	C	D	E	F	G
<b>1324-12</b>	25-3/8" (645 mm)	15-15/16" (405 mm)	12" (305 mm)	22-5/8" (575 mm)	32-1/16" (814 mm)	28-15/16" (735 mm)	19-1/2" (495 mm)
<b>1324-15</b>	25-1/4" (641 mm)	15-3/4" (400 mm)	15-1/4" (387 mm)	23-5/16" (592 mm)	32-3/4" (832 mm)	29-5/8" (752 mm)	20-3/16" (513 mm)

# L Series 1324



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

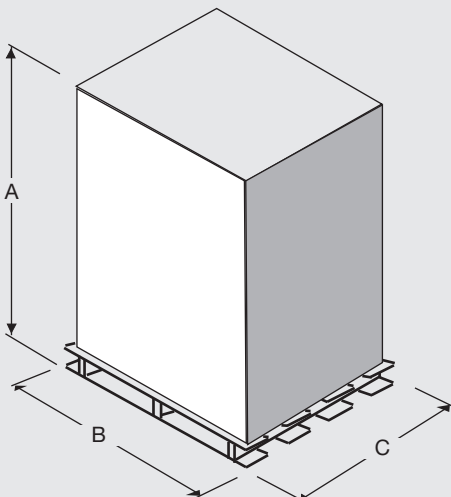
- **1324-12:** Unit, 16 assemblies, = 42.6 cu. ft., 413.0 lbs.
- **1324-15:** Unit, 16 assemblies, = 49.75 cu. ft., 430.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test	
	Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information

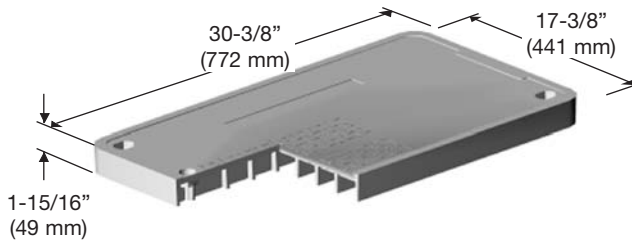


UNIT 1324-12			BODY 1324-12			FLUSH COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	60"	A	Height	60"	A	Height	66"
B	Length	45"	B	Length	45"	B	Length	40"
C	Width	38"	C	Width	38"	C	Width	48"
<b>Units:</b> 16 per pallet			<b>Units:</b> 16 per pallet			<b>Units:</b> 180 per pallet		
<b>Weight:</b> 392 lbs. per pallet			<b>Weight:</b> 296 lbs. per pallet			<b>Weight:</b> 1,120 lbs. per pallet		
UNIT 1324-15			BODY 1324-15			T-COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	64"	A	Height	64"	A	Height	73"
B	Length	45"	B	Length	45"	B	Length	40"
C	Width	38"	C	Width	38"	C	Width	48"
<b>Units:</b> 16 per pallet			<b>Units:</b> 16 per pallet			<b>Units:</b> 180 per pallet		
<b>Weight:</b> 456 lbs. per pallet			<b>Weight:</b> 360 lbs. per pallet			<b>Weight:</b> 1,120 lbs. per pallet		
GRADE RING			GRADE RING			GRADE RING		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	65"	A	Height	65"	A	Height	65"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"
<b>Units:</b> 100 per pallet			<b>Units:</b> 100 per pallet			<b>Units:</b> 100 per pallet		
<b>Weight:</b> 440 lbs. per pallet			<b>Weight:</b> 440 lbs. per pallet			<b>Weight:</b> 440 lbs. per pallet		

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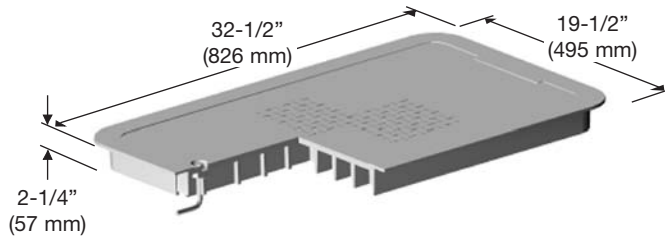
# L Series 1730

## Light Duty



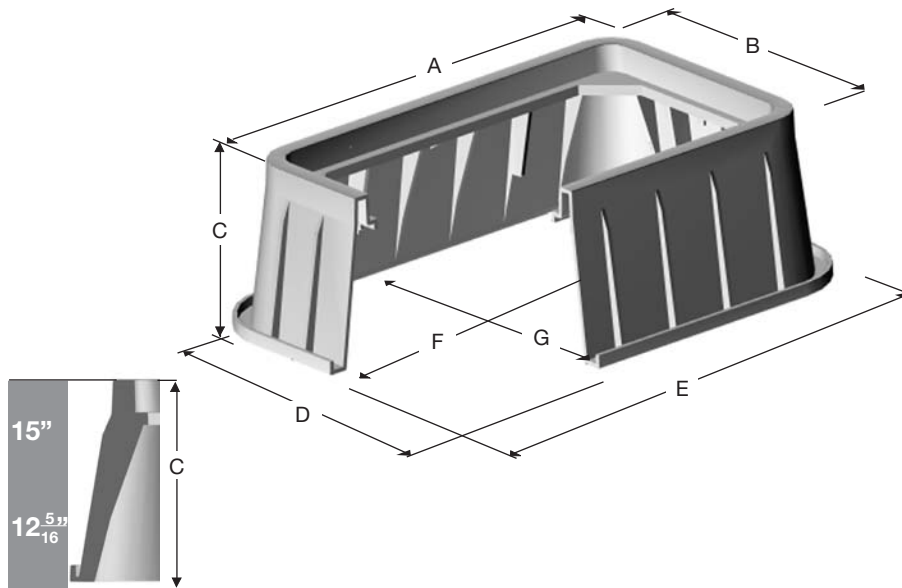
### Flush Cover

Material: HDPE  
 Weight: 10.0 lbs.  
 Model: 1730-3B Bolt Down



### T-Cover

Material: HDPE  
 Weight: 10.0 lbs.  
 Model: 1730-4B Bolt Down  
 1730-4L Captive L-Bolt Lock



### Bodies (1730-12, 1730-15)

Material: HDPE  
 Weight 12: 19.0 lbs.  
 Model 12: 1730-12  
  
 Weight 15: 24.0 lbs.  
 Model 15: 1730-15

### Colors Available

Green, Gray or Black

	A	B	C	D	E	F	G
<b>1730-12</b>	33-1/2" (851 mm)	20-5/8" (524 mm)	12" (305 mm)	25-3/8" (645 mm)	38-3/4" (984 mm)	35-7/8" (911 mm)	22-1/2" (572 mm)
<b>1730-15</b>	33-1/2" (851 mm)	20-5/8" (524 mm)	15" (381 mm)	27-3/8" (695 mm)	40-1/4" (1,022 mm)	36-11/16" (927 mm)	23-13/16" (597 mm)

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L Series 1730



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

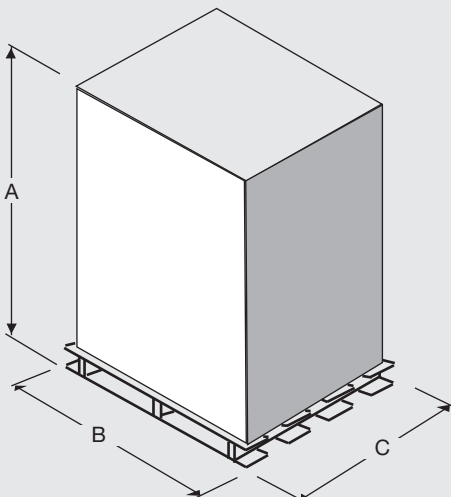
- **1730-12:** Unit, 16 assemblies, = 85.4 cu. ft., 553.0 lbs.
- **1730-15:** Unit, 16 assemblies, = 82.25 cu. ft., 606.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test	
	Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information

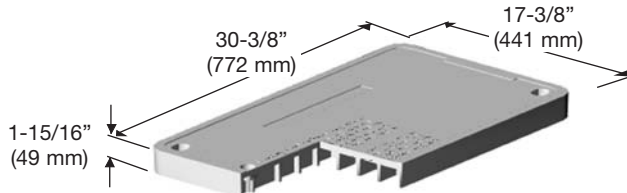


UNIT 1730-12			BODY 1730-12			FLUSH COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	72"	A	Height	72"	A	Height	66"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"
<b>Units:</b> 16 per pallet			<b>Units:</b> 16 per pallet			<b>Units:</b> 120 per pallet		
<b>Weight:</b> 504 lbs. per pallet			<b>Weight:</b> 344 lbs. per pallet			<b>Weight:</b> 1,240 lbs. per pallet		
UNIT 1730-15			BODY 1730-15			T-COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	78"	A	Height	78"	A	Height	73"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"
<b>Units:</b> 16 per pallet			<b>Units:</b> 16 per pallet			<b>Units:</b> 120 per pallet		
<b>Weight:</b> 584 lbs. per pallet			<b>Weight:</b> 424 lbs. per pallet			<b>Weight:</b> 1,240 lbs. per pallet		

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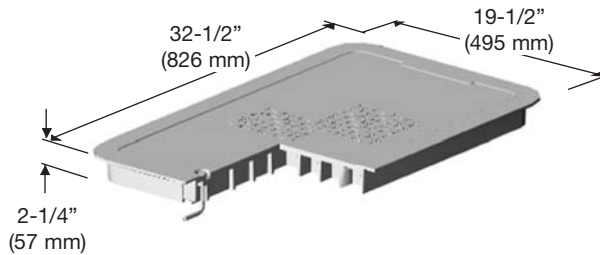
# L Series 1730-18

## Light Duty



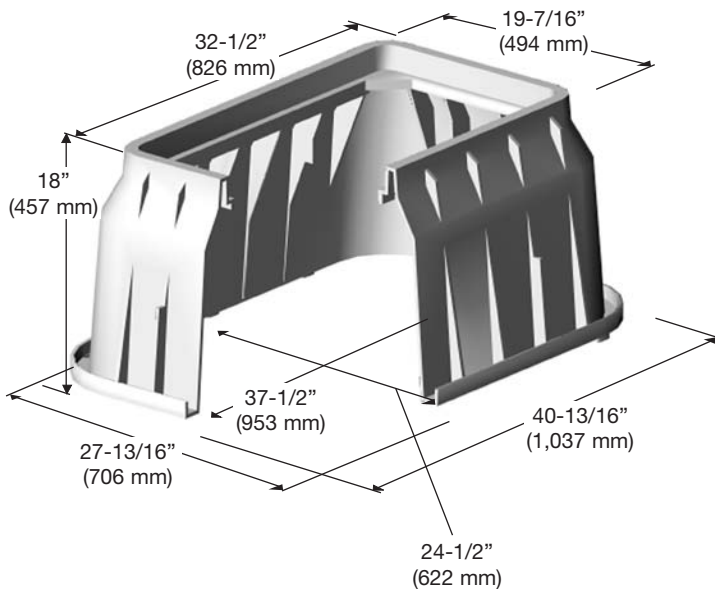
### Flush Cover

Material: HDPE  
 Weight: 10.0 lbs.  
 Model: 1730-3B  
 Option: ABS



### T-Cover

Material: HDPE  
 Weight: 10.0 lbs.  
 Model: 1730-4B Bolt Down  
 1730-4L Captive L-Bolt Lock



### Body

Material: HDPE  
 Weight: 26.0 lbs.  
 Model: 1730-18

### Colors Available

Green, Gray or Black

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

# L Series 1730-18



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

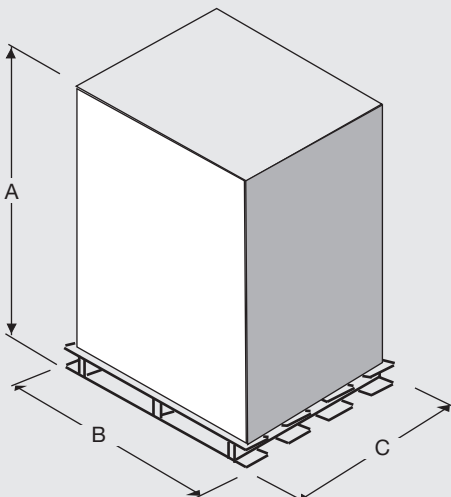
- Unit, 16 assemblies,  
= 92.5 cu. ft., 717.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



UNIT			FLUSH COVER			T-COVER		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	80"	A	Height	66"	A	Height	73"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"

**Units:** 16 per pallet  
**Weight:** 616 lbs. per pallet

**Units:** 120 per pallet  
**Weight:** 1,240 lbs. per pallet

**Units:** 120 per pallet  
**Weight:** 1,240 lbs. per pallet

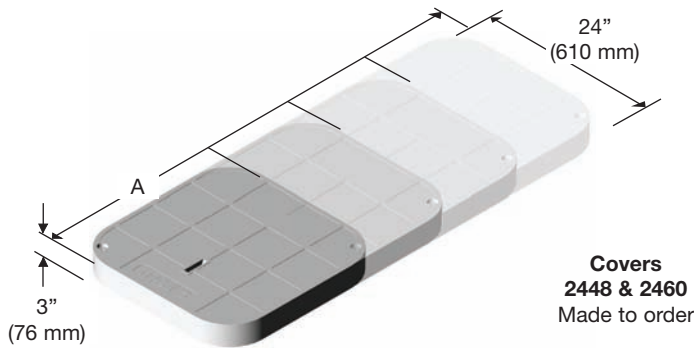
BODY		
Dim.	Description	Value
A	Height	80"
B	Length	40"
C	Width	48"

**Units:** 16 per pallet  
**Weight:** 456 lbs. per pallet

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# L Series 24-Vaults

## Light Duty



### Flush Cover

Material: HDPE

#### 2424 Cover

Weight: 10.25 lbs.

Model: 2424-3B  
 A. 23-13/16" (605 mm)

#### 2436 Cover

Weight: 15.5 lbs.

Model: 2436-3B  
 A. 35-3/4" (908 mm)

#### 2448 Cover

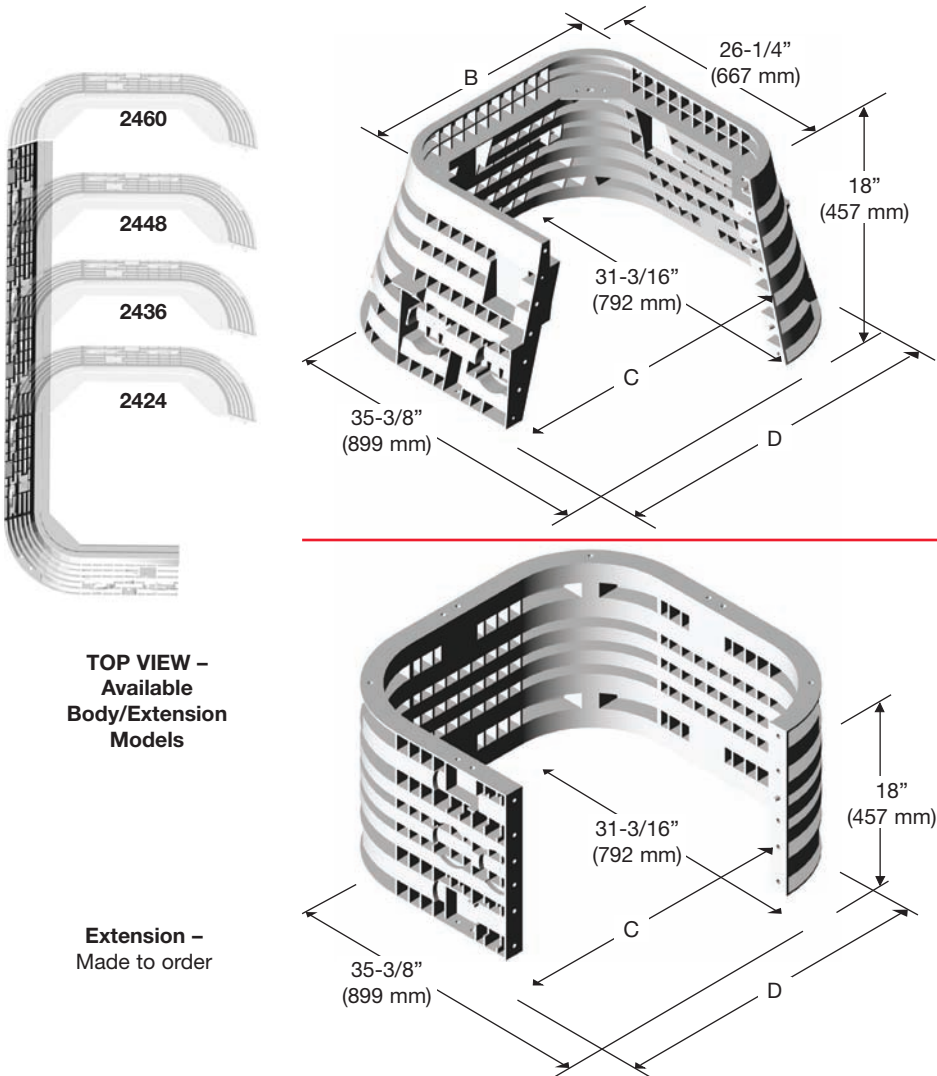
Weight: 20.75 lbs.

Model: 2448-3B  
 A. 48" (1,219 mm)

#### 2460 Cover

Weight: 26.0 lbs.

Model: 2460-3B  
 A. 60" (1,524 mm)



### Bodies (2424-18, 2436-18, 2448-18, 2460-18)

Material: HDPE

#### 2424-18

Weight: 32.0 lbs.  
 C. 31.4" (797 mm)

Model: 2424-18  
 B. 26.4" (668 mm)  
 D. 35.4" (899 mm)

#### 2436-18

Weight: 39.5 lbs.  
 C. 43" (1,092 mm)

Model: 2436-18  
 B. 38" (965 mm)  
 D. 47" (1,193 mm)

#### 2448-18

Weight: 47.5 lbs.  
 C. 55.25" (1,403 mm)

Model: 2448-18  
 B. 50.3" (1,278 mm)  
 D. 59.4" (1,509 mm)

#### 2460-18

Weight: 55.25 lbs.  
 C. 66.9" (1,699 mm)

Model: 2460-18  
 B. 61.9" (1,572 mm)  
 D. 71" (1,803 mm)

### Extension (height in 6", 12", and 18" increments)

Material: HDPE

Model: 2424-18X

Weight: 36.75 lbs.

### Options (see OPTION SECTION)

- Floors
- Drains
- Duct Terminations

### Colors Available

Gray

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.



# L Series 24-Vaults



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

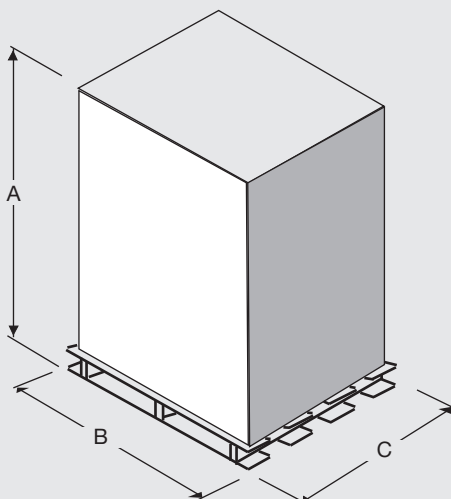
- **2424-18:** Unit, 4 assemblies, = 36.5 cu. ft., 169.0 lbs.
- **2436-18:** Unit, 4 assemblies, = 48.5 cu. ft., 220.0 lbs.
- **2448-18:** Unit, 4 assemblies, = 61.5 cu. ft., 272.0 lbs.
- **2460-18:** Unit, 4 assemblies, = 73.5 cu. ft., 322.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test	
	Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



UNIT 2424-18			UNIT 2436-18			UNIT 2448-18			UNIT 2460-18		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	85"	A	Height	85"	A	Height	85"	A	Height	85"
B	Length	40"	B	Length	40"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	60"	C	Width	70"
<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet		
<b>Weight:</b> 378 lbs. per pallet			<b>Weight:</b> 480 lbs. per pallet			<b>Weight:</b> 601 lbs. per pallet			<b>Weight:</b> 705 lbs. per pallet		
BODY 2424-18			BODY 2436-18			BODY 2448-18			BODY 2460-18		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	85"	A	Height	85"	A	Height	85"	A	Height	85"
B	Length	40"	B	Length	40"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	60"	C	Width	70"
<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet		
<b>Weight:</b> 296 lbs. per pallet			<b>Weight:</b> 356 lbs. per pallet			<b>Weight:</b> 435 lbs. per pallet			<b>Weight:</b> 497 lbs. per pallet		
COVER 2424			COVER 2436								
Dim.	Description	Value	Dim.	Description	Value						
A	Height	78"	A	Height	81"						
B	Length	48"	B	Length	40"						
C	Width	24"	C	Width	48"						
<b>Units:</b> 50 per pallet			<b>Units:</b> 50 per pallet								
<b>Weight:</b> 538 lbs. per pallet			<b>Weight:</b> 820 lbs. per pallet								

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# L Series 3636-18



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Light Duty

### Static Vertical Load Rating

(Design Load; Test Load)

3636-18:

- ASTM C857 – A-0.3, 300 lbf/ft<sup>2</sup>; Report Ultimate
- SCTE – Light Duty, Pedestrian; 3,000 lbf

### Shipping Configuration

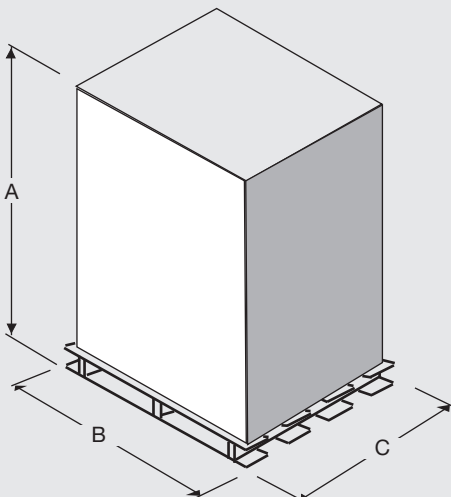
- **3636-18:** Unit, 4 assemblies, = 64.6 cu. ft., 283.0 lbs.

Note: For use in non-vehicular traffic situations only. We do not recommend installation in concrete or asphalt. Weights and dimensions may vary slightly.

Material Property	ASTM Test	
	Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.  
<sup>2</sup>Test reports available on request.

### Shipping Information



UNIT			COVER			BODY		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	85"	A	Height	96"	A	Height	85"
B	Length	48"	B	Length	42"	B	Length	48"
C	Width	70"	C	Width	46"	C	Width	70"

**Units:** 8 per pallet  
**Weight:** 621 lbs. per pallet

**Units:** 30 per pallet  
**Weight:** 745 lbs. per pallet

**Units:** 8 per pallet  
**Weight:** 433 lbs. per pallet

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# Medium Duty Vaults/Enclosures

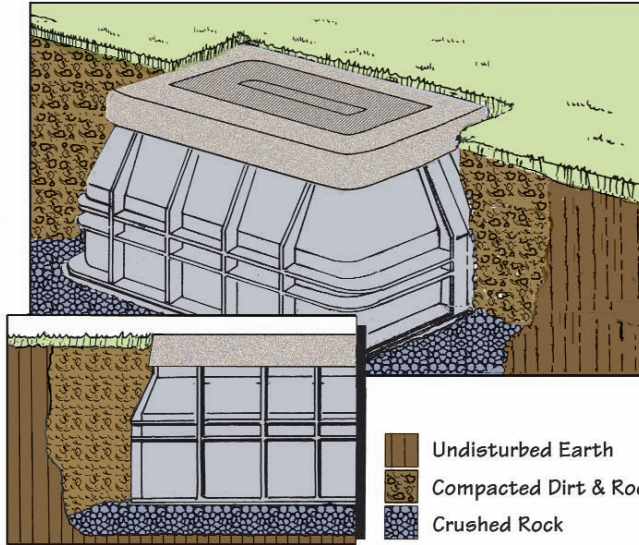
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- Installation behind raised curb
- Incidental/non-deliberate light traffic
- Thermoplastic bodies with polymer concrete covers

## Loading Designations

	Designation	Design Load	Test Load
<b>SCTE</b>	Tier 5	5,000 lbf	7,500 lbf
	WUC, Guide 3.6	10,400 lbf	Report Ultimate

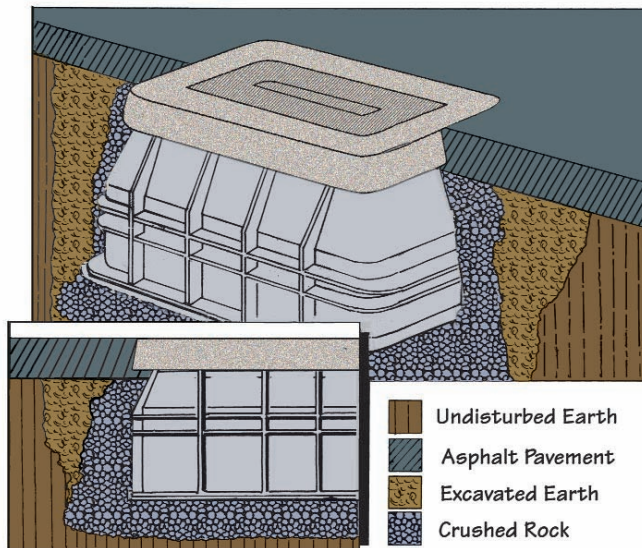
## Recommended Installation Methods:



### Medium Duty Product

Alternative for greenbelt location

Lateral Load resistance is enhanced in this range of products. The polymer concrete cover offers an increased coefficient of friction (over HDPE) for foot traffic. Note that backfill, although not crushed rock, is changed to specify compaction, thereby enhancing vault performance.



### Medium Duty Product

Concrete or Asphalt Surround (shown)

Note compacted crushed rock surround. Dry mix could be added to crushed rock under "ring" to improve vertical load bearing.

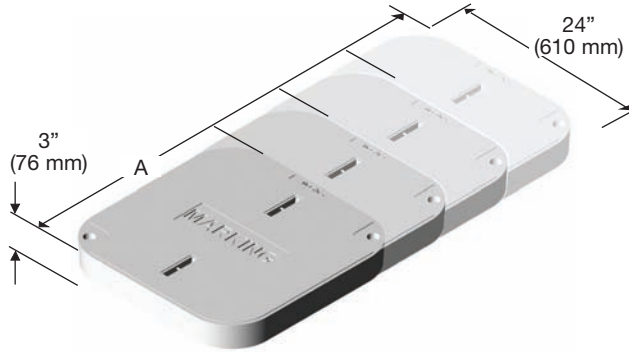
# M Series 24-Vaults

## Medium Duty

### Polymer Concrete Covers

See **OPTIONS SECTION**:

– Light Weight Cover



#### 2424 Cover

Model: 2424-PC Weight: 98.0 lbs.  
A. 23-5/8" (600 mm) B. 23-5/8" (600 mm)

#### 2436 Cover

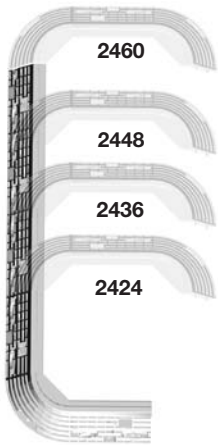
Model: 2436-PC Weight: 140.0 lbs.  
A. 35-3/8" (899 mm) B. 23-3/4" (603 mm)

#### 2448 Cover

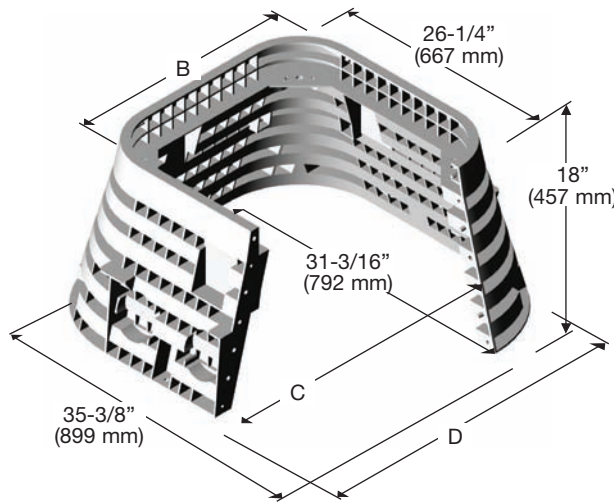
Model: 2448-PC Weight: 180.0 lbs.  
A. 47-5/8" (1,210 mm) B. 23-5/16" (592 mm)

#### 2460 Cover

Model: 2460-PC Weight: 201.0 lbs.  
A. 59-1/8" (1,502 mm) B. 23-3/4" (603 mm)



**TOP VIEW – Available Body/Extension Models**



### Bodies (2424-xx, 2436-xx, 2448-xx, 2460-xx)

Material: HDPE

#### 2424-18

Model: 2424-18 Weight: 32.0 lbs.  
C. 26.4" (668 mm) D. 31.4" (797 mm) E. 35.4" (899 mm)

#### 2436-18

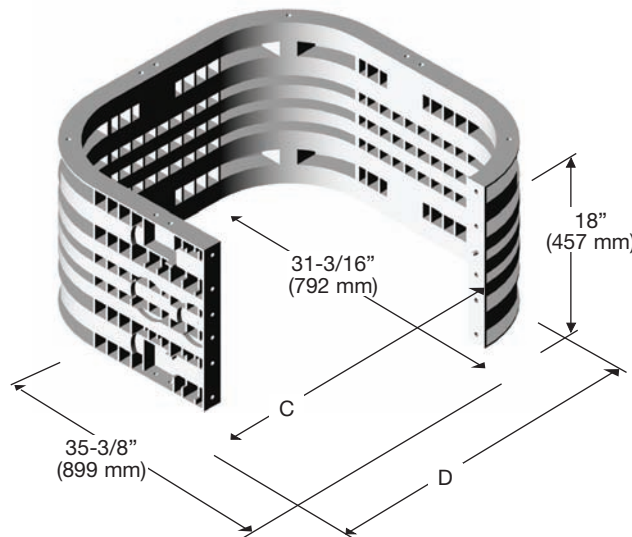
Model: 2436-18 Weight: 39.5 lbs.  
C. 38" (965 mm) D. 43" (1,092 mm) E. 47" (1,193 mm)

#### 2448-18

Model: 2448-18 Weight: 47.5 lbs.  
C. 50.3" (1,278 mm) D. 55.25" (1,403 mm) E. 59.4" (1,509 mm)

#### 2460-18

Model: 2460-18 Weight: 55.25 lbs.  
C. 61.9" (1,572 mm) D. 66.9" (1,699 mm) E. 71" (1,803 mm)



**Body Depth Extension Available as Factory Assembled Unit Only**

**Extension** (as part of a complete unit.)  
(height in 6", 12" and 18" increments)

Material: HDPE

Model: 2424-18X

Weight: 36.75 lbs.

### Options (see **OPTIONS SECTION**)

- Floors
- Duct Terminations
- Light Weight Covers
- Drains

### Colors Available

Body – Gray  
Cover and Ring – Gray or Green

# M Series 24-Vaults

## Medium Duty



Glendora, California

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

### Static Vertical Load Rating (Design Load; Test Load)

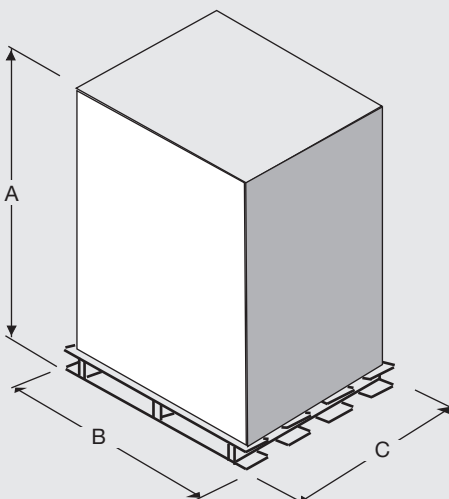
- Meets or exceeds 20,000 lbf Static Vertical Load
- Tier 5 – 5,200 lbf; 11, 282 lbf
- WUC, Guide 3.6 – 10,400 lbf; Report Ultimate

### Shipping Configuration

- **2424-18:** Unit, 4 assemblies, = 36.5 cu. ft., 520.0 lbs.
- **2436-18:** Unit, 4 assemblies, = 48.5 cu. ft., 718.0 lbs.
- **2448-18:** Unit, 4 assemblies, = 61.5 cu. ft., 909.0 lbs.
- **2460-18:** Unit, 4 assemblies, = 73.5 cu. ft., 1,022.0 lbs.

Note: For use in non-vehicular traffic situations only. Weights and dimensions may vary slightly.

### Shipping Information



Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150° min., not to exceed 200°
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600

### Properties of Polymer Concrete Material

Flexural Strength	C 580	7,500 psi
Compression Strength	C 579	11,000 psi

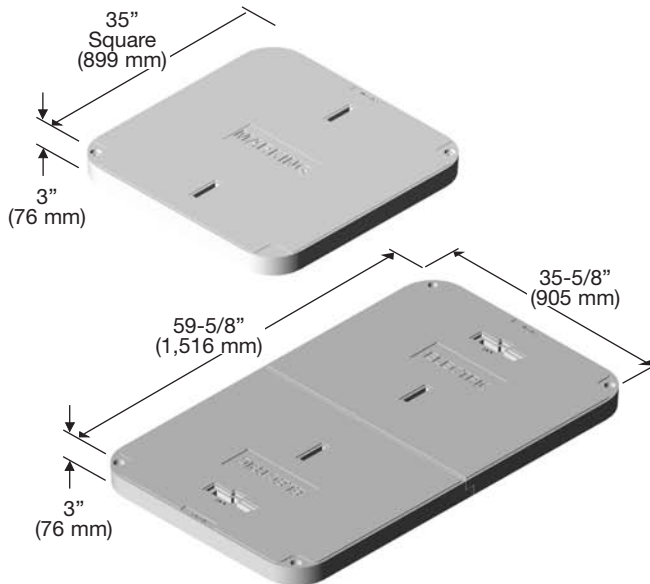
<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.

UNIT 2424-18			UNIT 2436-18			UNIT 2448-18			UNIT 2460-18		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	85"	A	Height	85"	A	Height	85"	A	Height	85"
B	Length	40"	B	Length	40"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	60"	C	Width	70"
<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet		
<b>Weight:</b> 1,080 lbs. per pallet			<b>Weight:</b> 1,476 lbs. per pallet			<b>Weight:</b> 1,875 lbs. per pallet			<b>Weight:</b> 2,105 lbs. per pallet		
BODY 2424-18			BODY 2436-18			BODY 2448-18			BODY 2460-18		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	85"	A	Height	85"	A	Height	85"	A	Height	85"
B	Length	40"	B	Length	40"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	60"	C	Width	70"
<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet			<b>Units:</b> 8 per pallet		
<b>Weight:</b> 296 lbs. per pallet			<b>Weight:</b> 356 lbs. per pallet			<b>Weight:</b> 435 lbs. per pallet			<b>Weight:</b> 497 lbs. per pallet		
COVER 2424			COVER 2436			COVER 2448			COVER 2460		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	22"	A	Height	22"	A	Height	38"	A	Height	38"
B	Length	42"	B	Length	42"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	48"	C	Width	60"
<b>Units:</b> 10 per pallet			<b>Units:</b> 10 per pallet			<b>Units:</b> 10 per pallet			<b>Units:</b> 10 per pallet		
<b>Weight:</b> 1,025 lbs. per pallet			<b>Weight:</b> 1,445 lbs. per pallet			<b>Weight:</b> 1,845 lbs. per pallet			<b>Weight:</b> 2,065 lbs. per pallet		

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# M Series 36-Vaults

## Medium Duty



### 3636 Cover

Material: Polymer Concrete  
 Model: 3636-PR Weight: 175.0 lbs.  
 See **OPTIONS SECTION**:  
 – Light Weight Cover

### 3660 Cover (2 piece)

Material: Polymer Concrete  
 Model: 3660-PR Weight: 330.0 lbs.  
 See **OPTIONS SECTION**:  
 – Light Weight Cover

### Bodies (3636-18, 3660-18)

Material: HDPE

**3636-18** Model: 3636-18  
 Weight: 47.25 lbs. A. 43" (1,092 mm)  
 B. 38" (965 mm) C. 47" (1,193 mm)

**3660-18** Model: 3660-18  
 Weight: 63.0 lbs. A. 66.9" (1,702 mm)  
 B. 61.9" (1,572 mm) C. 71" (1,803 mm)

### Extension (as part of a complete unit.) (height in 6", 12" and 18" increments)

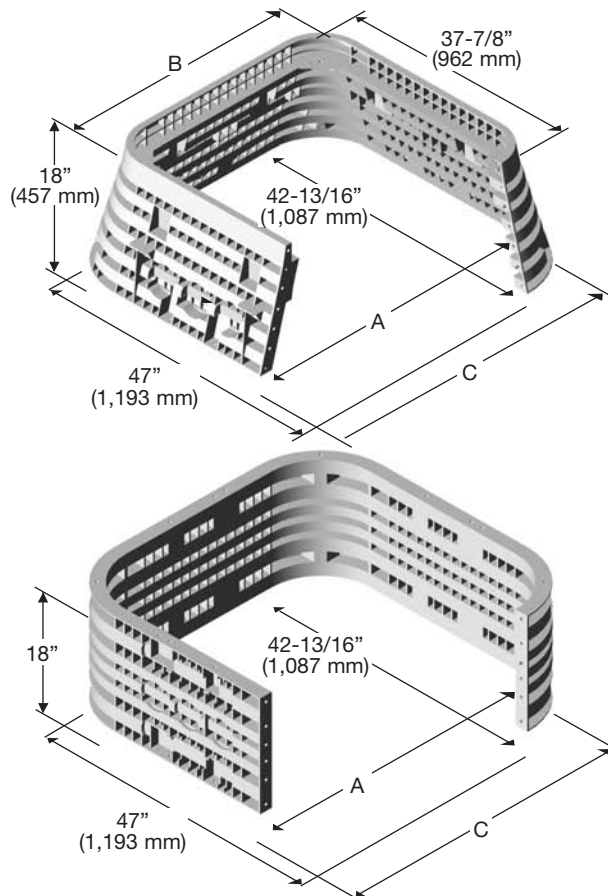
Material: HDPE  
 Model: 3636-18X Weight: 52.25 lbs.  
 3660-18X Weight: 73.25 lbs.

### Options (see OPTIONS SECTION)

- Floors
- Duct Terminations
- Light Weight Covers
- Drains

### Colors Available

Body – Gray  
 Cover and Ring – Gray or Green



**TOP VIEW – Available Body/Extension Models**

**Body Depth Extension**  
 Available as Factory Assembled Unit Only



# M Series 36-Vaults

## Medium Duty



Glendora, California

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

### Static Vertical Load Rating (Design Load; Test Load)

- Meets or exceeds 20,000 lbf Static Vertical Load
- Tier 5 – 5,200 lbf; 11, 282 lbf
- WUC, Guide 3.6 – 10,400 lbf; Report Ultimate

### Shipping Configuration

- **3636-18:** Unit, 5 assemblies, = 64.6 cu. ft., 889.0 lbs.
- **3660-18:** Unit, 4 assemblies, = 72.0 cu. ft., 789.5 lbs.

Note: For use in non-vehicular traffic situations only. Weights and dimensions may vary slightly.

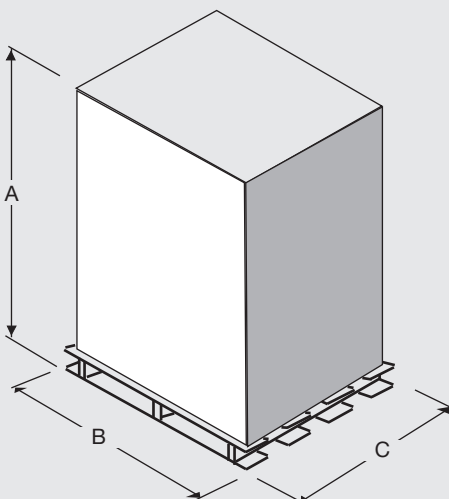
Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>o</sup> min., not to exceed 200 <sup>o</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600

### Properties of Polymer Concrete Material

Flexural Strength	C 580	7,500 psi
Compression Strength	C 579	11,000 psi

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.

### Shipping Information



UNIT 3636-18			COVER 3636			BODY 3636-18		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	52"	A	Height	36"	A	Height	85"
B	Length	48"	B	Length	42"	B	Length	48"
C	Width	70"	C	Width	48"	C	Width	70"
<b>Units:</b> 5 per pallet			<b>Units:</b> 10 per pallet			<b>Units:</b> 8 per pallet		
<b>Weight:</b> 1,168 lbs. per pallet			<b>Weight:</b> 1,795 lbs. per pallet			<b>Weight:</b> 433 lbs. per pallet		
UNIT 3660-18			COVER 3660 (2 piece)			BODY 3660-18		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	61"	A	Height	21"	A	Height	85"
B	Length	48"	B	Length	42"	B	Length	48"
C	Width	72"	C	Width	60"	C	Width	72"
<b>Units:</b> 4 per pallet			<b>Units:</b> 5 sets per pallet			<b>Units:</b> 8 per pallet		
<b>Weight:</b> 1,627 lbs. per pallet			<b>Weight:</b> 1,765 lbs. per pallet			<b>Weight:</b> 559 lbs. per pallet		

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# Heavy Duty Vaults/Enclosures

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- Polymer concrete bodies and covers
- Installation behind raised curbs
- Incidental/non-deliberate medium and heavy traffic

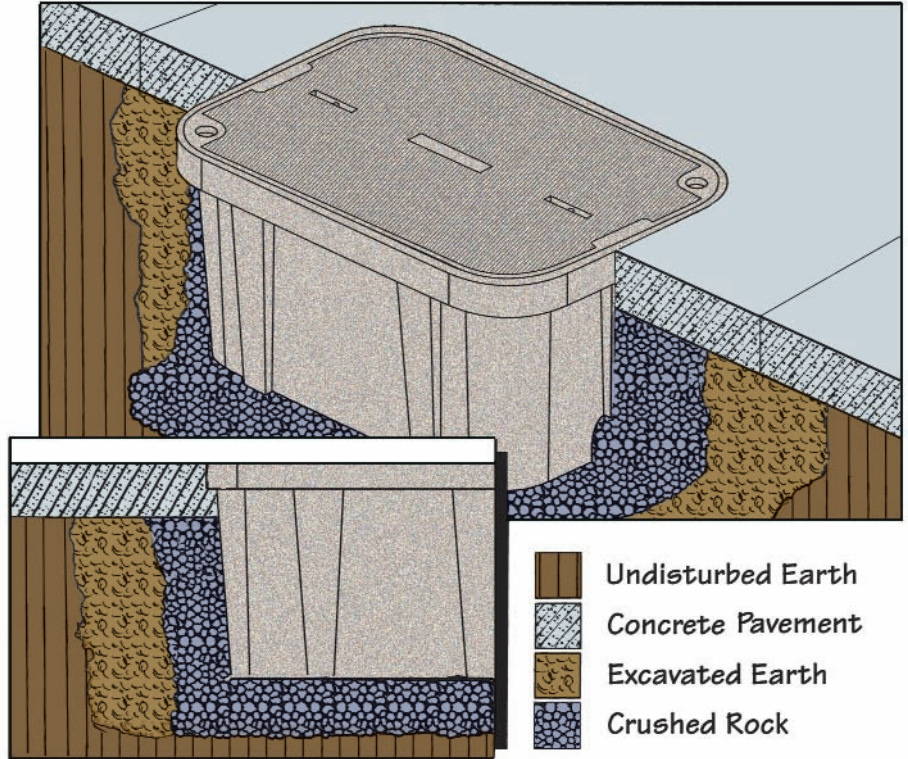
## Loading Designations

	<u>Designation</u>	<u>Design Load</u>	<u>Test Load</u>
<b>ASTM C857 (AASHTO)</b>	A-8 (H10-44)	8,000 lbf	22,880 lbf*
<b>SCTE</b>	Tier 15	15,000 lbf	22,500 lbf
<b>ASTM C857 (AASHTO)</b>	A-16 (HS20-44)	16,000 lbf	45,760 lbf*

\* These test loads are derived from the most stringent AASHTO safety factors.

While these products are designed and tested to vehicular loading they are not intended for installation in roadways.

## **Recommended Installation Methods:**



### **Heavy Duty Product**

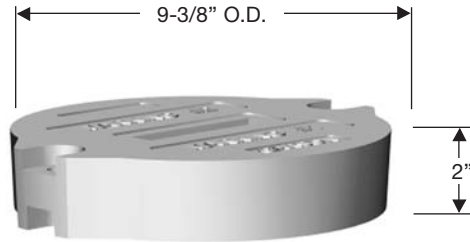
Concrete or Asphalt Surround (shown)

Note compacted crushed rock surround and concrete under vault collar. Not shown but also applicable is 'greenbelt' installation.

Many DOTs require four-inch concrete ring poured around vault collar.

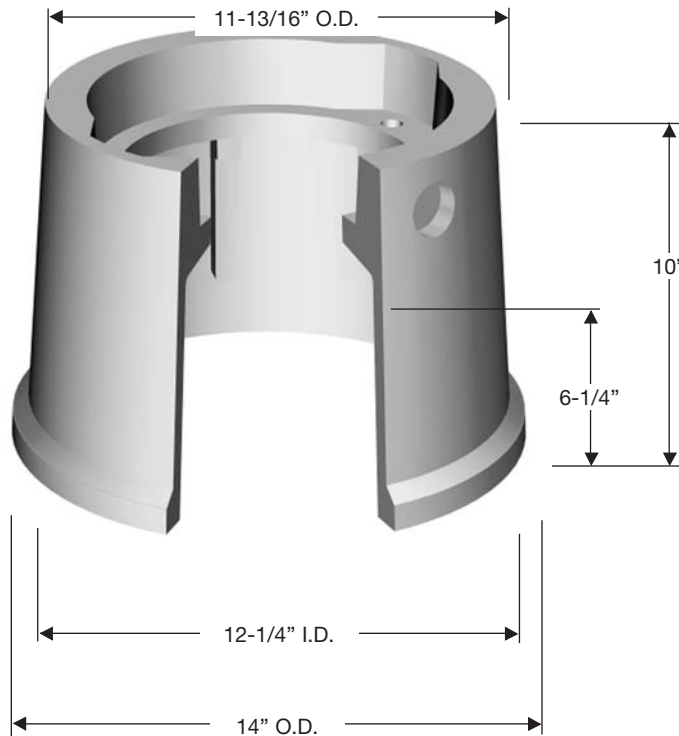
# H Series H910 (Round)

## Heavy Duty



### Cover

Material: Polymer Concrete  
 Weight: 10 lbs. (4.5 kg)  
 Model: H910-P1  
 Skid Resistant Surface<sup>2</sup>  
 Material Compliant with WUC,  
 (Guide 3.6<sup>3</sup>)



### Body

Material: Polymer Concrete  
 Weight: 22 lbs. (10 kg)  
 Model: H910-10

Note: For use in non-vehicular traffic situations only. Weights and dimensions may vary slightly.

Revision Date 4/2003

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# H Series H910 (Round)

## Heavy Duty



Glendora, California

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

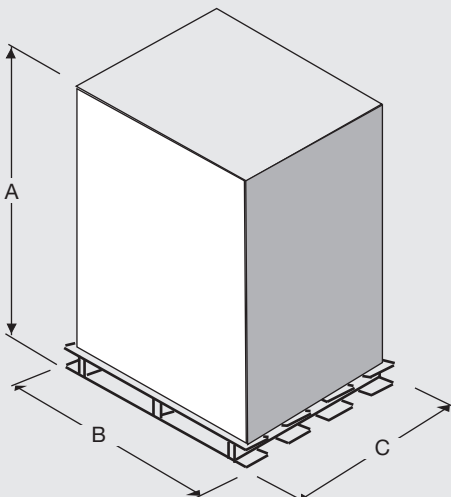
### Vertical and Lateral Load Rating

#### Heavy Duty Covers

- Compliant with AASHTO, Design Load of H-10; ASTM C 857-95, Design Load of A-8, 8,000 lbs. Capable of withstanding a Static Load of >22,880 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- Compliant with AASHTO, Design Load of H-20; ASTM C 857-95, Design Load of A-16, 16,000 lbs. Capable of withstanding a Static Load of >45,760 lbf transferred through a 10" x 20" steel plate centered on the cover and body.
- This product is designed to withstand H-10 and H-20 loading in incidental or non-deliberate traffic areas. Not intended to be installed in roadways.

Note: For use in non-vehicular traffic situations only. Weights and dimensions may vary slightly.

### Shipping Information



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Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.

AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf

<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5.

<sup>3</sup>Western Underground Committee, Guide 3.6

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

UNIT			COVER			BODY		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	40"	A	Height	27"	A	Height	40"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	48"

Units: 36 per pallet  
Weight: 1,192 lbs. per pallet

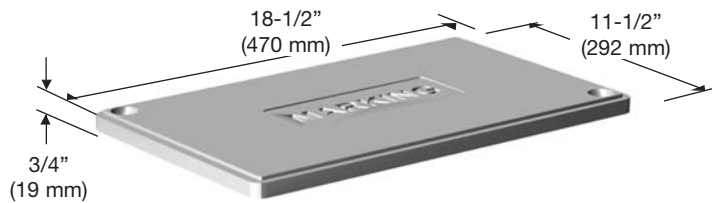
Units: 160 per pallet  
Weight: 10 lbs. per pallet

Units: 36 per pallet  
Weight: 22 lbs. per pallet

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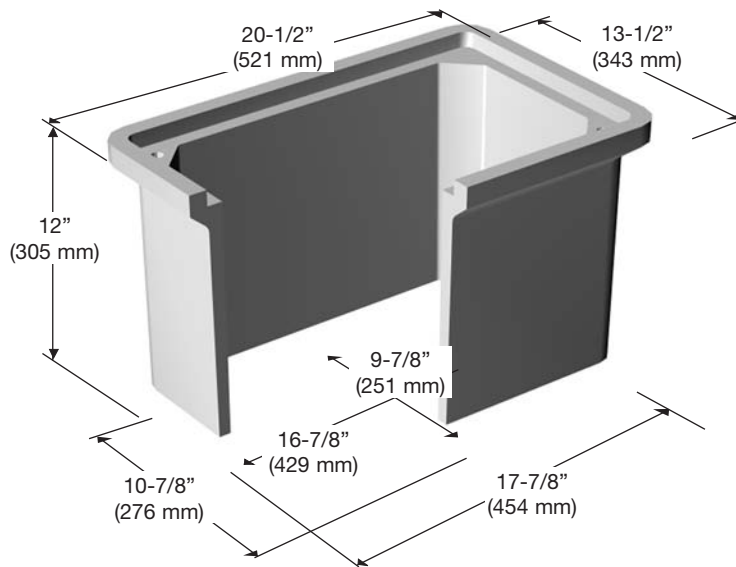
# H Series HLW1118-12

## Light Weight



### Cover<sup>1</sup>

Material: Polymer Concrete  
 Weight: 10.0 lbs. (4.5 kgs)  
 Model: HLW1118-P0  
 Skid Resistant Surface<sup>2</sup>  
 (Material compliant with WUC,  
 Guide 3.6<sup>3</sup>)



### Body

Material: Polymer Concrete  
 Weight: 33 lbs. (15.0 kgs)  
 Model: HLW1118-12

**Fasteners:** 2 each (optional 4 ea) 3/8-16 UNC, Stainless Steel, Hex Head with Washer; Options: size, quantity, type head  
**Cover Identification** is blank unless specified

### Steel Covers Optional

**Boxes are stackable.** Vertical load ratings are stated for single boxes. For units with MOLDED OPENINGS, subtract 2 lbs from Unit Weight. Weights may vary slightly. Dimensions in inches with metric equivalents.

# H Series HLW1118-12

## Light Weight



**Glendora, California**  
Toll-Free: 800.735.5566  
Phone: 909.592.6272  
Fax: 909.592.7971

### Vertical and Lateral Load Rating *(Design Load; Test Load)*

#### All "H Series" Bodies and Covers

- C857 A-8, AASHTO, HS10-44 – 8,000 lbf; 22, 880 lbf
- SCTE Tier 10 – 10,400 lbf; 22, 568 lbf

### Shipping Configuration

- **Single Bodies – 11.75":**  
Unit. 40 assemblies,  
= 54.25 cu. ft.; 1,032.0 lbs.

Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf. AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf

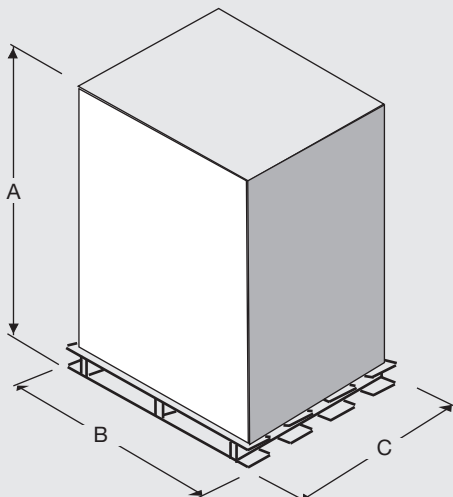
<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5.

<sup>3</sup>Western Underground Committee, Guide 3.6

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

### Shipping Information



UNIT			COVER			BODY		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	66"	A	Height	26"	A	Height	62"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	48"

**Units:** 40 per pallet  
**Weight:** 1,335 lbs. per pallet

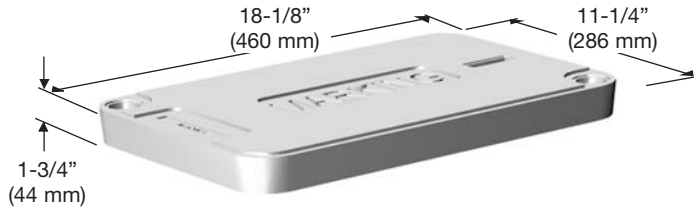
**Units:** 160 per pallet  
**Weight:** 1,645 lbs. per pallet

**Units:** 30 per pallet  
**Weight:** 1,035 lbs. per pallet

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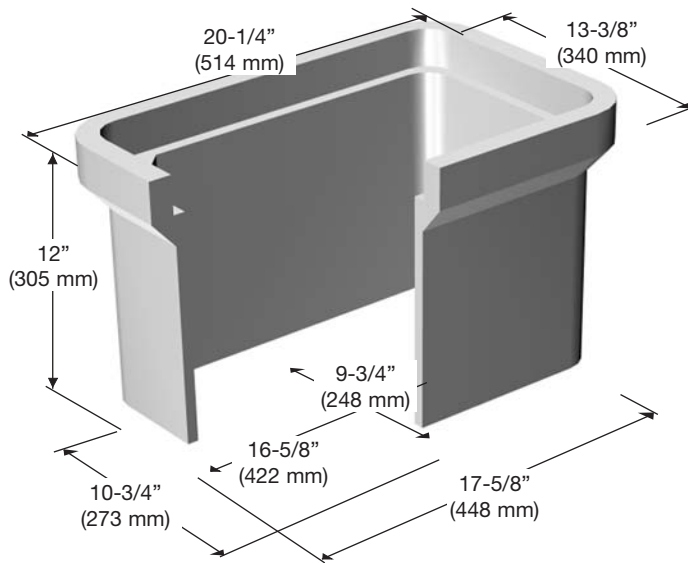
# H Series H1118-12

## Heavy Duty



### Cover<sup>1</sup>

Material: Polymer Concrete  
 Weight: 22.0 lbs. (10.0 kgs)  
 Model: 1118-P1  
 Skid Resistant Surface<sup>2</sup>  
 (Material and cover dimensions compliant with WUC, Guide 3.6<sup>3</sup>)



### Body

Material: Polymer Concrete  
 Weight: 38.0 lbs. (17.2 kgs)  
 Model: 1118-12

**Fasteners:** 2 each (optional 4 ea) 3/8-16 UNC, Stainless Steel, Hex Head with Washer; Options: size, quantity, type head  
**Cover Identification** is blank unless specified  
**Pull Slot** 1/2" x 4" (13 mm x 102 mm)  
**Steel Covers Optional**

**Boxes are stackable.** Vertical load ratings are stated for single boxes. For units with MOLDED OPENINGS, subtract 2 lbs from Unit Weight. Weights may vary slightly. Dimensions in inches with metric equivalents.



# H Series H1118-12

## Heavy Duty



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

### Vertical and Lateral Load Rating

#### Heavy Duty Covers

- Compliant with AASHTO, Design Load of H-10; ASTM C 857-95, Design Load of A-8, 8,000 lbs. Capable of withstanding a Static Load of >22,880 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- Compliant with AASHTO, Design Load of H-20; ASTM C 857-95, Design Load of A-16, 16,000 lbs. Capable of withstanding a Static Load of >45,760 lbf transferred through a 10" x 20" steel plate centered on the cover and body.
- This product is designed to withstand H-10 and H-20 loading in incidental or non-deliberate traffic areas. Not intended to be installed in roadways.

### Shipping Configuration

- **Single Bodies – 11.75"**:  
Unit. 40 assemblies,  
= 54.25 cu. ft.; 1,440.0 lbs.

Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.

AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf

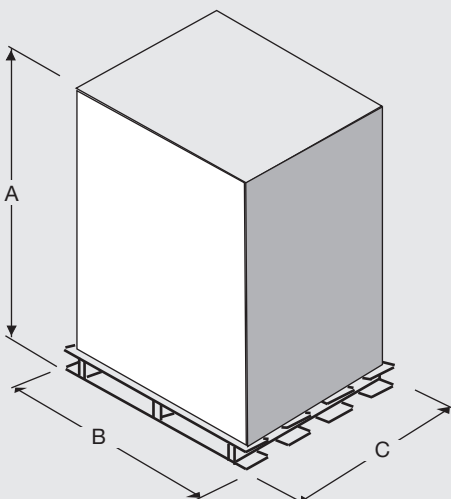
<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5.

<sup>3</sup>Western Underground Committee, Guide 3.6

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

### Shipping Information



UNIT			COVER			BODY		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	66"	A	Height	23"	A	Height	58"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	48"

**Units:** 40 per pallet  
**Weight:** 1,845 lbs. per pallet

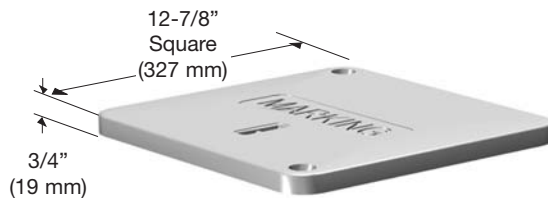
**Units:** 80 per pallet  
**Weight:** 1,805 lbs. per pallet

**Units:** 30 per pallet  
**Weight:** 1,185 lbs. per pallet

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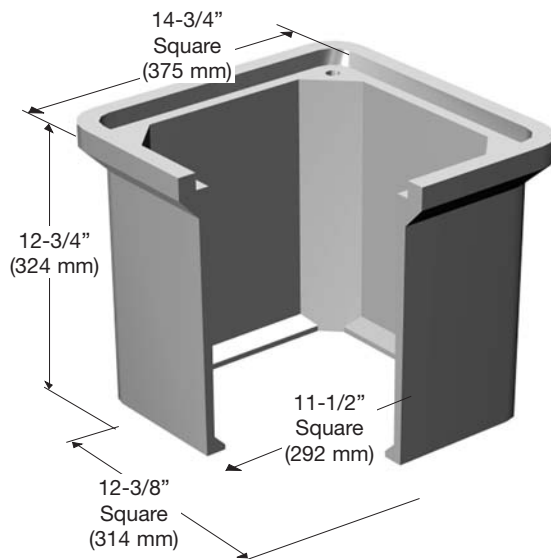
# H Series HLW1212

## Light Weight



### Cover<sup>1</sup>

Material: Polymer Concrete  
 Weight: 10.0 lbs. (4.5 kgs)  
 Model: HLW1212-P0  
 Skid Resistant Surface<sup>2</sup>  
 (Material compliant with WUC,  
 Guide 3.6<sup>3</sup>)



### Body

Material: Polymer Concrete  
 Weight: 32.0 lbs. (14.5 kgs)  
 Model: HLW1212-12

### Tolerances

Cover  $\pm 1/8$ " (3 mm);  
 Body  $\pm 1/8$ " (3 mm)  
 Foot  $\pm 1/16$ " (2 mm);  
 Height  $\pm 1/4$ " (6 mm)

**Fasteners:** 2 each (optional 4 ea) 3/8-16 UNC, Stainless Steel, Hex Head with Washer; Options: size, quantity, type head  
**Cover Identification** is blank unless specified  
**Steel Covers Optional**

**Boxes are stackable.** Vertical load ratings are stated for single boxes. For units with MOLDED OPENINGS, subtract 2 lbs from Unit Weight. Weights may vary slightly. Dimensions in inches with metric equivalents.

# H Series HLW1212



**Glendora, California**  
Toll-Free: 800.735.5566  
Phone: 909.592.6272  
Fax: 909.592.7971

## Light Weight

### Vertical and Lateral Load Rating *(Design Load; Test Load)*

#### All "H Series" Bodies and Covers

- C857 A-8, AASHTO, HS10-44 – 8,000 lbf; 22, 880 lbf
- SCTE Tier 10 – 10,400 lbf; 22, 568 lbf

### Shipping Configuration

- **Single Bodies – 12.75":**  
Unit. 45 assemblies,  
= 62.0 cu. ft.; 1,512.0 lbs.

Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf. AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf

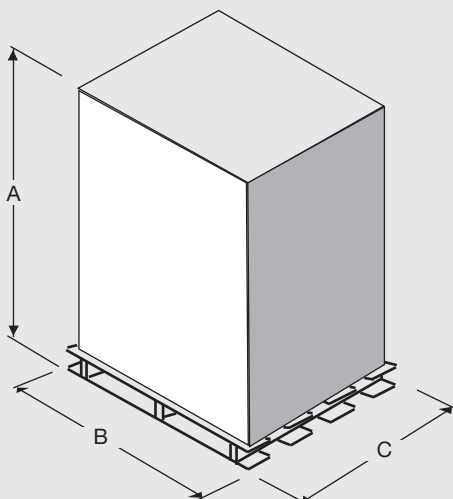
<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5.

<sup>3</sup>Western Underground Committee, Guide 3.6

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

### Shipping Information



UNIT			COVER			BODY		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	70"	A	Height	24"	A	Height	65"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	48"

**Units:** 45 per pallet  
**Weight:** 1,485 lbs. per pallet

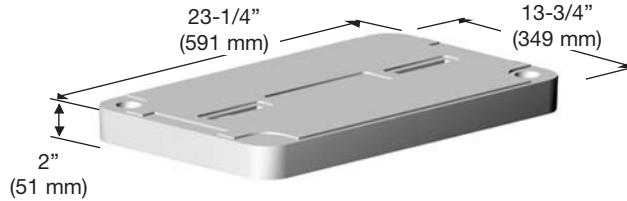
**Units:** 180 per pallet  
**Weight:** 1,845 lbs. per pallet

**Units:** 45 per pallet  
**Weight:** 1,485 lbs. per pallet

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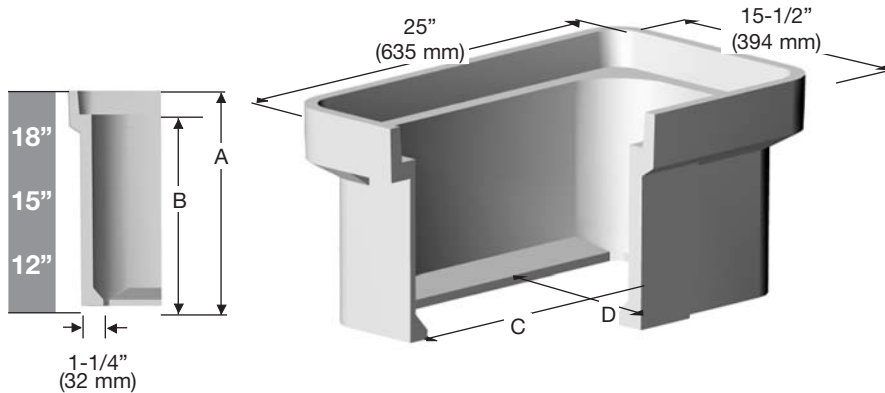
# H Series H1324

## Heavy Duty



### Cover<sup>1</sup>

Material: Polymer Concrete  
 Weight: 47.0 lbs. (21.3 kgs)  
 Model: H1324-P1  
 Skid Resistant Surface<sup>2</sup>  
 (Material and cover dimensions compliant with WUC, Guide 3.6<sup>3</sup>)



### Bodies (12", 15", 18")

Material: Polymer Concrete

Model: H1324-12 (52.0 lbs./23.5 kgs)

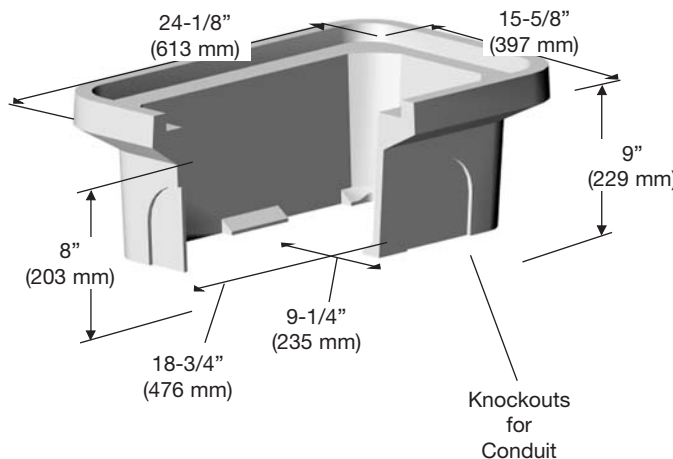
A. 12" (305 mm)      B. 10" (254 mm)  
 C. 21-1/16" (536 mm)      D. 11 9/16" (295 mm)

Model: H1324-15 (60.0 lbs./27.2 kgs)

A. 15" (381 mm)      B. 13" (330 mm)  
 C. 21" (534 mm)      D. 11 1/2" (293 mm)

Model: H1324-18 (69.0 lbs./31.0 kgs)

A. 18" (457 mm)      B. 16" (406 mm)  
 C. 20-15/16" (533 mm)      D. 11 7/16" (291 mm)



### Bottom Extension

Material: Polymer Concrete

Model: H1324-9X (33.0 lbs./15 kgs)

### Tolerances

Cover  $\pm 1/8"$  (3 mm); Body  $\pm 1/8"$  (3 mm)  
 Foot  $\pm 1/16"$  (2 mm); Height  $\pm 1/4"$  (6 mm)

**Fasteners:** 2 each (optional 4 ea) 3/8-16 UNC, Stainless Steel, Hex Head with Washer;  
 Options: Captive bolt and floating nut, size, quantity, type head are available.

**Cover Identification** is blank unless specified  
**Pull Slot** 1/2" x 4" (13 mm x 102 mm)

### Steel Covers Optional

**Boxes are stackable.** 18" deep shall be used as the lower box only. Vertical load ratings are stated for single boxes. For units with MOUSEHOLES, subtract 2 lbs from Unit Weight. Weights may vary slightly. Dimensions in inches with metric equivalents.

# H Series H1324

## Heavy Duty



Glendora, California

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

### Vertical and Lateral Load Rating

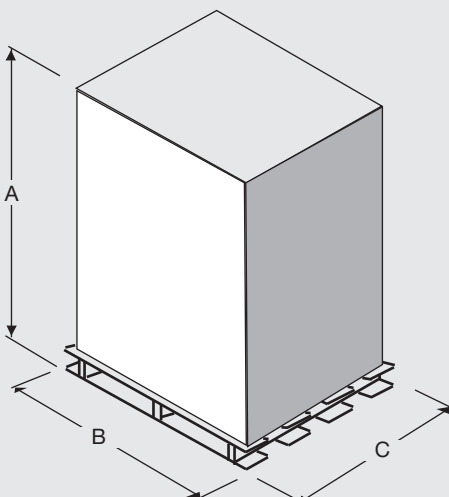
#### Heavy Duty Covers

- Compliant with AASHTO, Design Load of H-10; ASTM C 857-95, Design Load of A-8, 8,000 lbs. Capable of withstanding a Static Load of >22,880 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- Compliant with AASHTO, Design Load of H-20; ASTM C 857-95, Design Load of A-16, 16,000 lbs. Capable of withstanding a Static Load of >45,760 lbf transferred through a 10" x 20" steel plate centered on the cover and body.
- This product is designed to withstand H-10 and H-20 loading in incidental or non-deliberate traffic areas. Not intended to be installed in roadways.

### Shipping Configuration

- Single Bodies – 12":**  
Unit, 20 assemblies, = 61.83 cu. ft.;  
1,980.0 lbs.
- Single Bodies – 15":**  
Unit, 20 assemblies, = 75.83 cu. ft.;  
2,140.0 lbs.
- Single Bodies – 18":**  
Unit, 15 assemblies, = 68.83 cu. ft.;  
1,800.0 lbs.

### Shipping Information



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Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.

AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf

<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5.

<sup>3</sup>Western Underground Committee, Guide 3.6

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

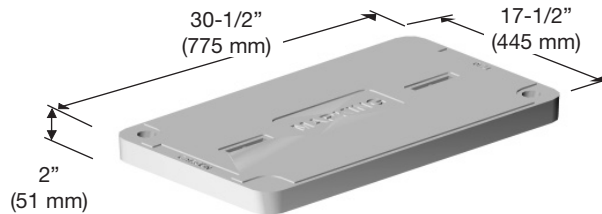
<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

UNIT 1324-12			UNIT 1324-15			UNIT 1324-18		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	66"	A	Height	81"	A	Height	96"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	48"
Units: 20 per pallet Weight: 2,025 lbs. per pallet			Units: 20 per pallet Weight: 2,185 lbs. per pallet			Units: 15 per pallet Weight: 1,785 lbs. per pallet		
BODY 1324-12			BODY 1324-15			BODY 1324-18		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	58"	A	Height	73"	A	Height	88"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	48"
Units: 20 per pallet Weight: 1,085 lbs. per pallet			Units: 20 per pallet Weight: 1,245 lbs. per pallet			Units: 15 per pallet Weight: 1,080 lbs. per pallet		
COVER			BOTTOM EXTENSION					
Dim.	Description	Value	Dim.	Description	Value			
A	Height	46"	A	Height	47"			
B	Length	42"	B	Length	42"			
C	Width	48"	C	Width	48"			
Units: 100 per pallet Weight: 4,745 lbs. per pallet			Units: 25 per pallet Weight: 870 lbs. per pallet					

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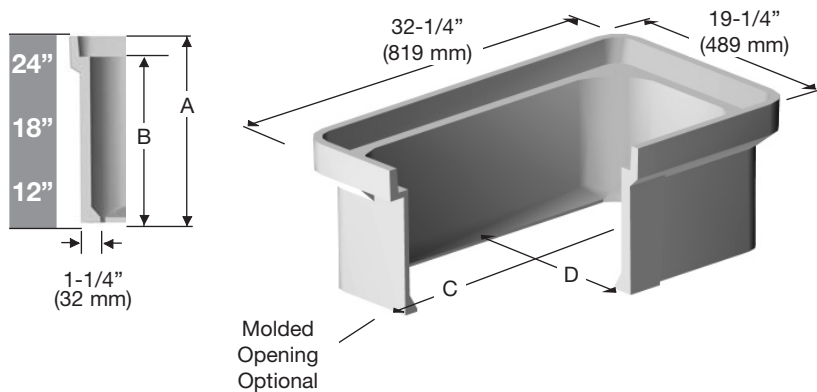
# H Series H1730

## Heavy Duty



### Cover<sup>1</sup>

Material: Polymer Concrete  
 Weight: 75.0 lbs. (34 kgs)  
 Model: H1730-P1  
 Skid Resistant Surface<sup>2</sup>  
 (Material and cover dimensions compliant with WUC, Guide 3.6<sup>3</sup>)



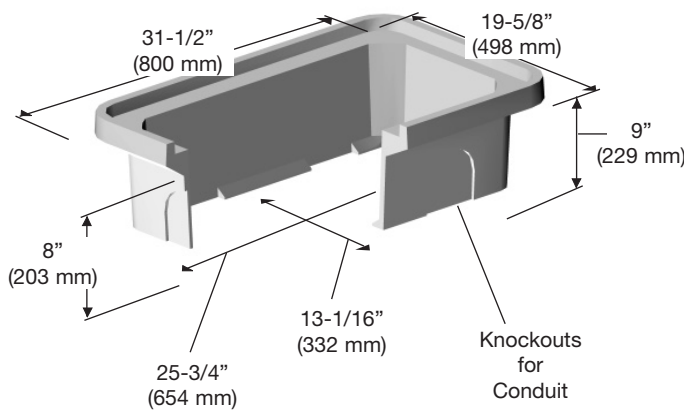
### Bodies (12", 18", 24")

Material: Polymer Concrete

Model: H1730-12 (65 lbs./29.4 kgs)  
 A 12" (305 mm)      B 10" (254 mm)  
 C 28 5/16" (720 mm)      D 15 5/16" (390 mm)

Model: H1730-18 (92 lbs./41.7 kgs)  
 A 18" (457 mm)      B 16" (406 mm)  
 C 28 3/16" (716 mm)      D 15 3/16" (386 mm)

Model: H1730-24 (117 lbs./53.0 kgs)  
 A 24" (610 mm)      B 22" (559 mm)  
 C 28 1/16" (712 mm)      D 15 1/16" (382 mm)



### Bottom Extension

Material: Polymer Concrete  
 Model: H1730-9X (45 lbs./20 kgs)

### Tolerances

Cover  $\pm 1/8"$  (3 mm); Body  $\pm 1/8"$  (3 mm)  
 Foot  $\pm 1/16"$  (2 mm); Height  $\pm 1/4"$  (6 mm)

**Fasteners:** 2 each (optional 4 ea) 3/8-16 UNC, Stainless Steel, Hex Head with Washer; Options: Captive bolt and floating nut, size, quantity, type head are available.

**Cover Identification** is blank unless specified

**Pull Slot** 1/2" x 4" (13 mm x 102 mm)  
**Steel Covers Optional**

**Boxes are stackable.** 24" deep shall be used as the lower box only. Vertical load ratings are stated for single boxes. For units with MOLDED OPENINGS, subtract 2 lbs from Unit Weight. Weights may vary slightly. Dimensions in inches with metric equivalents.

# H Series H1730

## Heavy Duty



**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

### Vertical and Lateral Load Rating

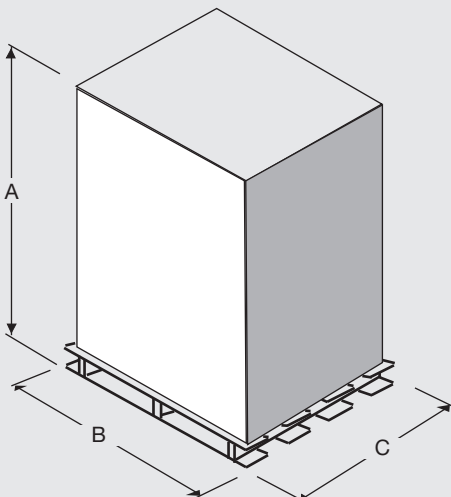
#### Heavy Duty Covers

- Compliant with AASHTO, Design Load of H-10; ASTM C 857-95, Design Load of A-8, 8,000 lbs. Capable of withstanding a Static Load of >22,880 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- Compliant with AASHTO, Design Load of H-20; ASTM C 857-95, Design Load of A-16, 16,000 lbs. Capable of withstanding a Static Load of >45,760 lbf transferred through a 10" x 20" steel plate centered on the cover and body.
- This product is designed to withstand H-10 and H-20 loading in incidental or non-deliberate traffic areas. Not intended to be installed in roadways.

### Shipping Configuration

- Single Bodies – 12":**  
Unit, 12 assemblies, = 69.5 cu. ft.;  
1,680.0 lbs.
- Single Bodies – 18":**  
Unit, 6 assemblies, = 53.8 cu. ft.;  
1,002.0 lbs.
- Single Bodies – 24":**  
Unit, 6 assemblies, = 69.5 cu. ft.;  
1,152.0 lbs.

### Shipping Information



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Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.

AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf

<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5.

<sup>3</sup>Western Underground Committee, Guide 3.6

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

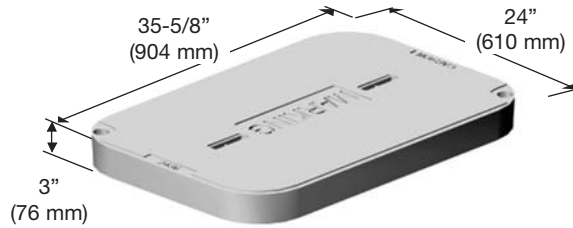
<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

UNIT 1730-15			UNIT 1730-18			UNIT 1730-24		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	54"	A	Height	42"	A	Height	54"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	54"	C	Width	54"	C	Width	54"
<b>Units:</b> 12 per pallet			<b>Units:</b> 9 per pallet			<b>Units:</b> 6 per pallet		
<b>Weight:</b> 1,725 lbs. per pallet			<b>Weight:</b> 1,047 lbs. per pallet			<b>Weight:</b> 1,197 lbs. per pallet		
BODY 1730-15			BODY 1730-18			BODY 1730-24		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	58"	A	Height	56"	A	Height	52"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	54"	C	Width	54"	C	Width	54"
<b>Units:</b> 15 per pallet			<b>Units:</b> 9 per pallet			<b>Units:</b> 6 per pallet		
<b>Weight:</b> 1,020 lbs. per pallet			<b>Weight:</b> 873 lbs. per pallet			<b>Weight:</b> 747 lbs. per pallet		
COVER			BOTTOM EXTENSION					
Dim.	Description	Value	Dim.	Description	Value			
A	Height	36"	A	Height	47"			
B	Length	42"	B	Length	42"			
C	Width	48"	C	Width	48"			
<b>Units:</b> 145 per pallet			<b>Units:</b> 15 per pallet					
<b>Weight:</b> 3,420 lbs. per pallet			<b>Weight:</b> 720 lbs. per pallet					

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# H Series H2436

## Heavy Duty



### Cover<sup>1</sup>

Material: Polymer Concrete  
 Weight: 185.0 lbs. (83.9 kgs)  
 Model: H2436-P1  
 Skid Resistant Surface<sup>2</sup>  
 (Material and cover dimensions compliant with WUC, Guide 3.6<sup>3</sup>)

### Bodies (18", 24")

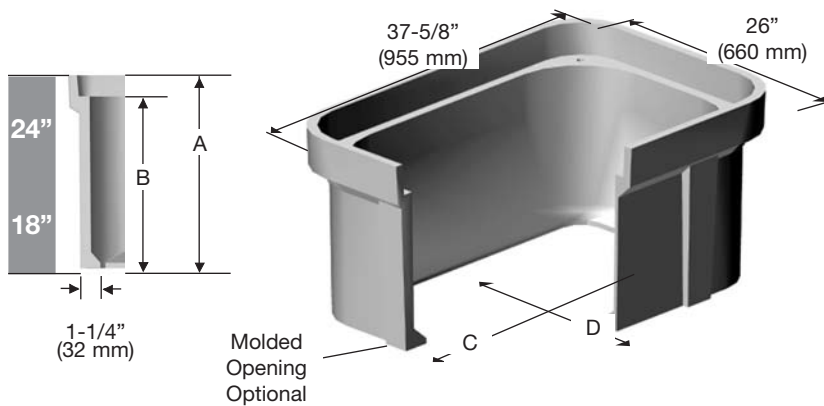
Material: Polymer Concrete

Model: H2436-18 (128 lbs./58 kgs)

A. 18" (457 mm)      B. 15" (381 mm)  
 C. 33 1/8" (841 mm)      D. 21 1/2" (546 mm)

Model: H2436-24 (147 lbs./66.7 kgs)

A. 24" (610 mm)      B. 21" (533 mm)  
 C. 32 7/8" (836 mm)      D. 21 1/4" (540 mm)



### Bottom Extension

Material: Polymer Concrete

Model: H2436-9X (60.0 lbs./27 kgs)

### Tolerances

Cover  $\pm 1/8"$  (3 mm); Body  $\pm 1/8"$  (3 mm)  
 Foot  $\pm 1/16"$  (2 mm); Height  $\pm 1/4"$  (6 mm)

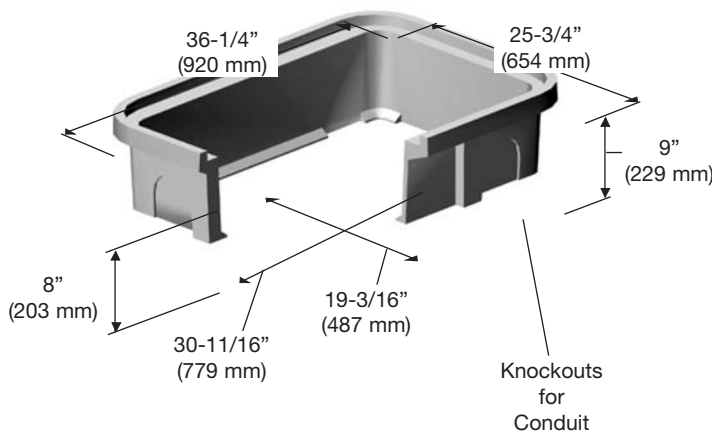
**Fasteners:** 2 each (optional 4 ea) 1/2-13 UNC, Stainless Steel, Hex Head with Washer; Options: Captive bolt and floating nut, size, quantity, type head are available.

**Cover Identification** is blank unless specified

**Pull Slot** 1/2" x 4" (13 mm x 102 mm)

**Steel Covers Optional**

**Boxes are stackable.** 24" deep shall be used as the lower box only. Vertical load ratings are stated for single boxes. For units with MOLDED OPENINGS, subtract 2 lbs from Unit Weight. Weights may vary slightly. Dimensions in inches with metric equivalents.





# H Series H2436

## Heavy Duty



**Glendora, California**  
Toll-Free: 800.735.5566  
Phone: 909.592.6272  
Fax: 909.592.7971

### Vertical and Lateral Load Rating

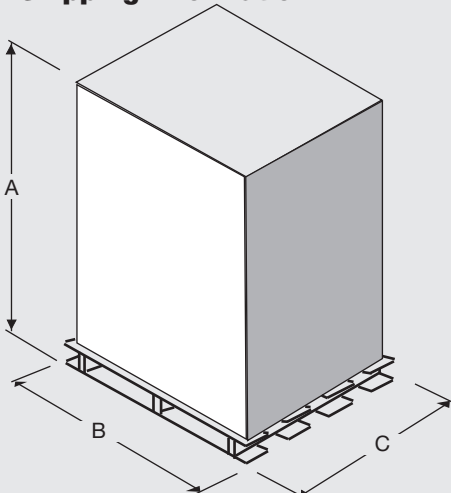
#### Heavy Duty Covers

- Compliant with AASHTO, Design Load of H-10; ASTM C 857-95, Design Load of A-8, 8,000 lbs. Capable of withstanding a Static Load of >22,880 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- Compliant with AASHTO, Design Load of H-20; ASTM C 857-95, Design Load of A-16, 16,000 lbs. Capable of withstanding a Static Load of >45,760 lbf transferred through a 10" x 20" steel plate centered on the cover and body.
- This product is designed to withstand H-10 and H-20 loading in incidental or non-deliberate traffic areas. Not intended to be installed in roadways.

### Shipping Configuration

- Single Bodies – 18":**  
Unit, 4 assemblies, = 53.8 cu. ft.;  
1,252.0
- Single Bodies – 24":**  
Unit, 4 assemblies, = 69.6 cu. ft.;  
1,328.0

### Shipping Information



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Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

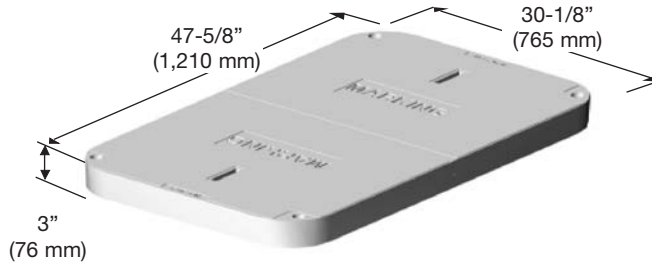
<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.  
AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf  
<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5.  
<sup>3</sup>Western Underground Committee, Guide 3.6  
<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.  
<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

UNIT 2436-18			UNIT 2436-24		
Dim.	Description	Value	Dim.	Description	Value
A	Height	42"	A	Height	81"
B	Length	42"	B	Length	42"
C	Width	54"	C	Width	48"
<b>Units:</b> 4 per pallet <b>Weight:</b> 1,297 lbs. per pallet			<b>Units:</b> 20 per pallet <b>Weight:</b> 2,185 lbs. per pallet		
BODY 2436-18			BODY 2436-24		
Dim.	Description	Value	Dim.	Description	Value
A	Height	40"	A	Height	51"
B	Length	42"	B	Length	42"
C	Width	54"	C	Width	54"
<b>Units:</b> 4 per pallet <b>Weight:</b> 557 lbs. per pallet			<b>Units:</b> 4 per pallet <b>Weight:</b> 633 lbs. per pallet		
COVER			BOTTOM EXTENSION		
Dim.	Description	Value	Dim.	Description	Value
A	Height	21"	A	Height	47"
B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"
<b>Units:</b> 10 per pallet <b>Weight:</b> 1,895 lbs. per pallet			<b>Units:</b> 5 per pallet <b>Weight:</b> 345 lbs. per pallet		

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# H Series H3048

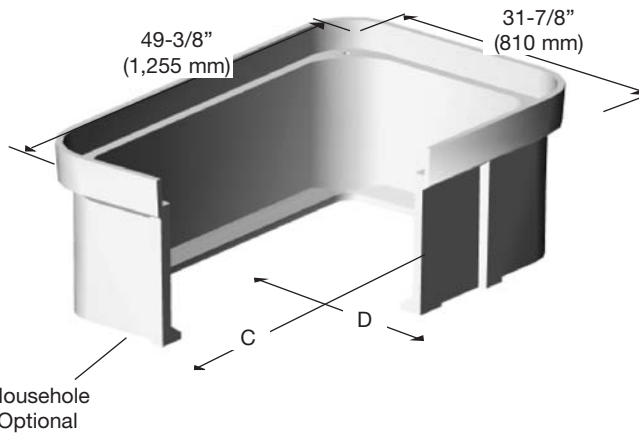
## Heavy Duty



### Cover<sup>1</sup> (2 piece)

Material: Polymer Concrete  
 Weight: 144.0 lbs. (65.3 kgs) per half cover

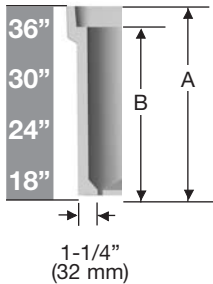
Model: H3048-P1  
 Skid Resistant Surface<sup>2</sup>  
 (Material and cover dimensions compliant with WUC, Guide 3.6<sup>3</sup>)



### Bodies (18", 24", 30", 36")

Material: Polymer Concrete

- 18" Weight: 165 lbs. (75 kg)  
Model: H3048-18
- 24" Weight: 220 lbs. (100 kg)  
Model: H3048-24
- 30" Weight: 271 lbs. (122 kg)  
Model: H3048-30
- 36" Weight: 314 lbs. (141 kg)  
Model: H3048-36



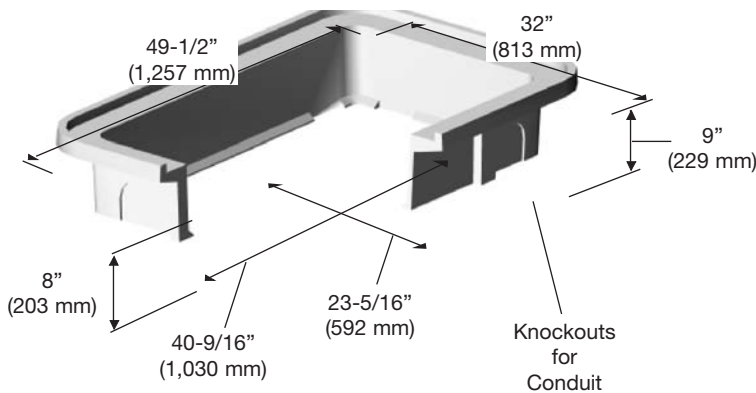
	A	B	C	D
<b>H3048-18</b>	18" (457 mm)	15" (381 mm)	41-3/8" (1051 mm)	23-7/8" (606 mm)
<b>H3048-24</b>	24" (610 mm)	21" (533 mm)	41-5/16" (1049 mm)	23-13/16" (605 mm)
<b>H3048-30</b>	30" (762 mm)	27" (686 mm)	41-3/16" (1045 mm)	23-11/16" (601 mm)
<b>H3048-36</b>	36" (914 mm)	33" (838 mm)	41" (1041 mm)	23-1/2" (597 mm)

### Bottom Extension

Material: Polymer Concrete  
 Model: H3048-9X (99.0 lbs. /45 kgs)

### Tolerances

Cover  $\pm 1/8"$  (3 mm); Body  $\pm 1/8"$  (3 mm)  
 Foot  $\pm 1/16"$  (2 mm); Height  $\pm 1/4"$  (6 mm)



**Fasteners:** 2 each (optional 4 ea) 1/2-13 UNC, Stainless Steel, Hex Head with Washer;  
 Options: Captive bolt and floating nut, size, quantity, type head are available.

**Cover Identification** is blank unless specified

**Pull Slot** 1/2" x 4" (13 mm x 102 mm)

**Steel Covers Optional**

**Boxes are stackable.** 24" deep shall be used as the lower box only. Vertical load ratings are stated for single boxes. For units with MOLDED OPENINGS, subtract 2 lbs from Unit Weight. Weights may vary slightly. Dimensions in inches with metric equivalents.

# H Series H3048

## Heavy Duty



Glendora, California

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

### Vertical and Lateral Load Rating

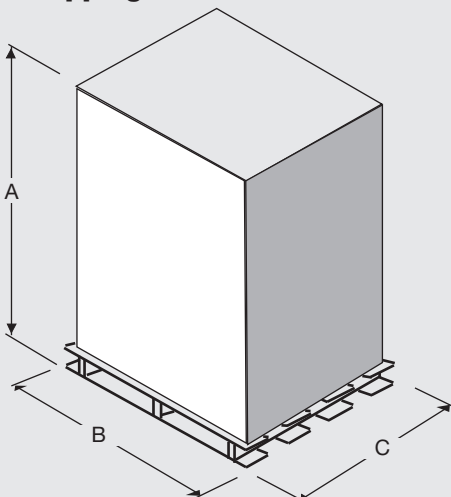
#### Heavy Duty Covers

- Compliant with AASHTO, Design Load of H-10; ASTM C 857-95, Design Load of A-8, 8,000 lbs. Capable of withstanding a Static Load of >22,880 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- Compliant with AASHTO, Design Load of H-20; ASTM C 857-95, Design Load of A-16, 16,000 lbs. Capable of withstanding a Static Load of >45,760 lbf transferred through a 10" x 20" steel plate centered on the cover and body.
- This product is designed to withstand H-10 and H-20 loading in incidental or non-deliberate traffic areas. Not intended to be installed in roadways.

### Shipping Configuration

- **Single Bodies – 18”:**  
Unit, 2 assemblies, = 47.8 cu. ft.;  
906.0 lbs.
- **Single Bodies – 24”:**  
Unit, 2 assemblies, = 61.8 cu. ft.;  
1,016.0 lbs.

### Shipping Information



Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf. AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf

<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5.

<sup>3</sup>Western Underground Committee, Guide 3.6

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

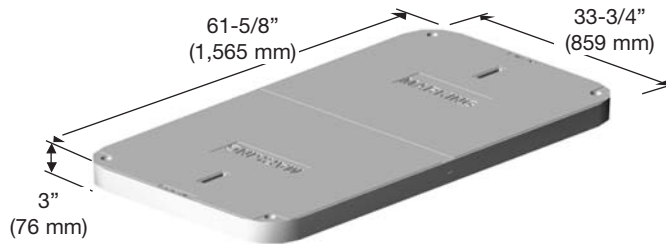
<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

UNIT 3048-18			UNIT 3048-24			UNIT 3048-30			UNIT 3048-36		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	42"	A	Height	54"	A	Height	36"	A	Height	42"
B	Length	42"	B	Length	42"	B	Length	42"	B	Length	42"
C	Width	54"	C	Width	54"	C	Width	54"	C	Width	54"
<b>Units:</b> 2 per pallet			<b>Units:</b> 2 per pallet			<b>Units:</b> 2 per pallet			<b>Units:</b> 2 per pallet		
<b>Weight:</b> 961 lbs. per pallet			<b>Weight:</b> 1,071 lbs. per pallet			<b>Weight:</b> 1,173 lbs. per pallet			<b>Weight:</b> 1,259 lbs. per pallet		
BODY 3048-18			BODY 3048-24			BODY 3048-30			BODY 3048-36		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	42"	A	Height	54"	A	Height	36"	A	Height	42"
B	Length	42"	B	Length	42"	B	Length	42"	B	Length	42"
C	Width	54"	C	Width	54"	C	Width	54"	C	Width	54"
<b>Units:</b> 4 per pallet			<b>Units:</b> 4 per pallet			<b>Units:</b> 2 per pallet			<b>Units:</b> 2 per pallet		
<b>Weight:</b> 715 lbs. per pallet			<b>Weight:</b> 935 lbs. per pallet			<b>Weight:</b> 597 lbs. per pallet			<b>Weight:</b> 683 lbs. per pallet		
COVER			BOTTOM EXTENSION								
Dim.	Description	Value	Dim.	Description	Value						
A	Height	21"	A	Height	47"						
B	Length	42"	B	Length	42"						
C	Width	48"	C	Width	48"						
<b>Units:</b> 15 sets per pallet			<b>Units:</b> 5 per pallet								
<b>Weight:</b> 1,485 lbs. per pallet			<b>Weight:</b> 540 lbs. per pallet								

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# H Series H3060

## Heavy Duty



### Cover<sup>1</sup> (2 piece)

Material: Polymer Concrete  
 Weight: 204.0 lbs. (92.5 kgs) per half cover  
 Model: H3060-P1  
 Skid Resistant Surface<sup>2</sup>  
 Material compliant with WUC, Guide 3.6<sup>3</sup>

### Bodies (24", 30", 36")

Material: Polymer Concrete

Model: H3060-24 (253 lbs./115 kgs)  
 A. 24" (610 mm) B. 21" (533 mm)  
 C. 58 7/16" (1,483 mm) D. 30 9/16" (777 mm)

Model: H3060-30 (304 lbs./138 kgs)  
 A. 30" (762 mm) B. 27" (686 mm)  
 C. 58 5/16" (1,481 mm) D. 30 7/16" (772 mm)

Model: H3060-36 (355 lbs./161 kgs)  
 A. 36" (914 mm) B. 33" (838 mm)  
 C. 58 3/16" (1,478 mm) D. 30 5/16" (770 mm)

### Tolerances

Cover  $\pm 1/8"$  (3 mm); Body  $\pm 1/8"$  (3 mm)  
 Foot  $\pm 1/16"$  (2 mm); Height  $\pm 1/4"$  (6 mm)

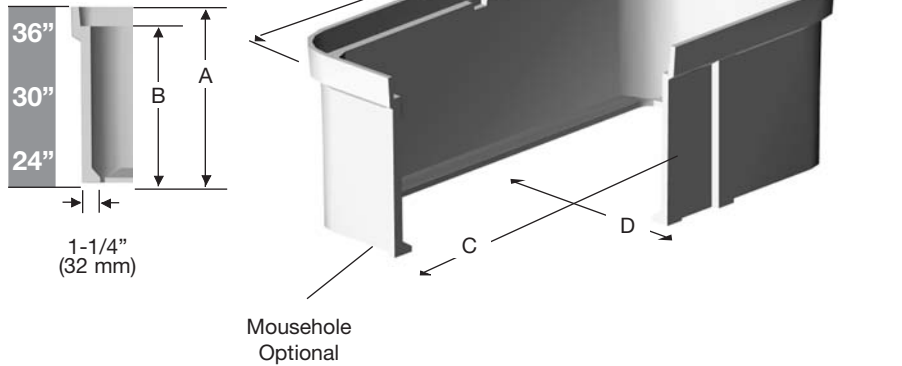
**Fasteners:** 2 each (optional 4 ea) 1/2-13 UNC, Stainless Steel, Hex Head with Washer;  
 Options: Captive bolt and floating nut, size, quantity, type head are available.

**Cover Identification** is blank unless specified

**Pull Slot** 1/2" x 4" (13 mm x 102 mm)

**Steel Covers Optional**

**Boxes are stackable.** Vertical load ratings are stated for single boxes. For units with MOLDED OPENINGS, subtract 2 lbs from Unit Weight. Weights may vary slightly. Dimensions in inches with metric equivalents.



# H Series H3060

## Heavy Duty



Glendora, California

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

### Vertical and Lateral Load Rating

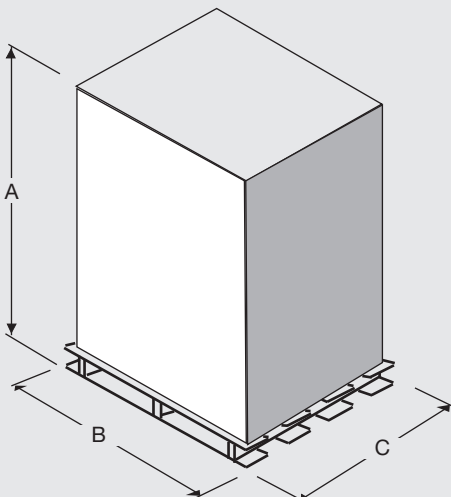
#### Heavy Duty Covers

- Compliant with AASHTO, Design Load of H-10; ASTM C 857-95, Design Load of A-8, 8,000 lbs. Capable of withstanding a Static Load of >22,880 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- Compliant with AASHTO, Design Load of H-20; ASTM C 857-95, Design Load of A-16, 16,000 lbs. Capable of withstanding a Static Load of >45,760 lbf transferred through a 10" x 20" steel plate centered on the cover and body.
- This product is designed to withstand H-10 and H-20 loading in incidental or non-deliberate traffic areas. Not intended to be installed in roadways.

### Shipping Configuration

- Single Bodies – 24":**  
Unit, 2 assemblies, = 92.8 cu. ft.; 1,310.0 lbs.
- Single Bodies – 30":**  
Unit, 1 assembly, = 61.25 cu. ft.; 705.0 lbs.
- Single Bodies – 36":**  
Unit, 1 assembly, = 71.75 cu. ft.; 755.0 lbs.

### Shipping Information



Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength Modulus of Elasticity	C 580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>1</sup>AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.

AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf

<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5.

<sup>3</sup>Western Underground Committee, Guide 3.6

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

UNIT 3060-24			UNIT 3060-30			UNIT 3060-36		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	30"	A	Height	36"	A	Height	42"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	70"	C	Width	70"	C	Width	70"
<b>Units:</b> 1 per pallet			<b>Units:</b> 1 per pallet			<b>Units:</b> 1 per pallet		
<b>Weight:</b> 517 lbs. per pallet			<b>Weight:</b> 568 lbs. per pallet			<b>Weight:</b> 619 lbs. per pallet		
BODY 3060-24			BODY 3060-30			BODY 3060-36		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	50"	A	Height	62"	A	Height	74"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	70"	C	Width	70"	C	Width	70"
<b>Units:</b> 2 per pallet			<b>Units:</b> 2 per pallet			<b>Units:</b> 2 per pallet		
<b>Weight:</b> 566 lbs. per pallet			<b>Weight:</b> 668 lbs. per pallet			<b>Weight:</b> 770 lbs. per pallet		
COVER								
Dim.	Description	Value						
A	Height	21"						
B	Length	42"						
C	Width	70"						
<b>Units:</b> 10 parts per pallet								
<b>Weight:</b> 2,100 lbs. per pallet								

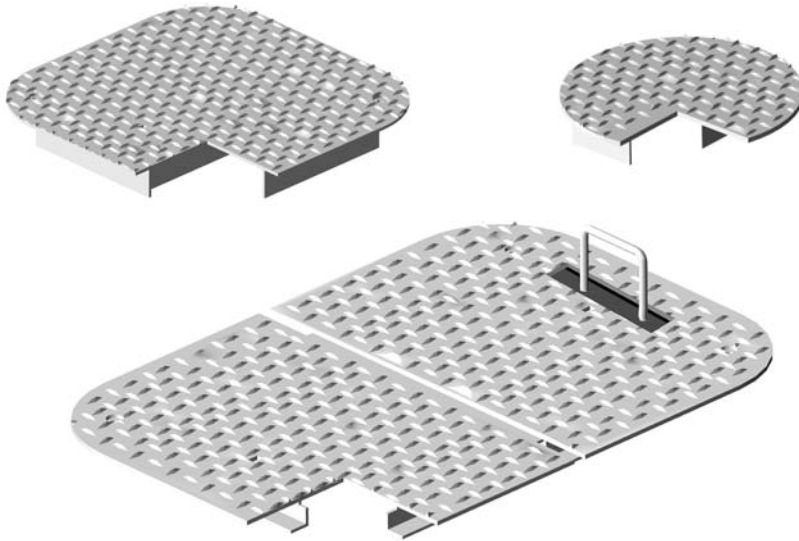
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# Vaults/Enclosures Options

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- Optional Covers
  - Metal Covers
  - Flipper Door
  - Electronic Marker
  - Meter Reader
  - Hinged Cover
  - Light Weight Covers
- Duct termination
  - Molded Opening
  - Knockout
  - Duct Adaptor
  - Terminator Fitting
  - Electrofusion Coupling
- Hardware
  - Fasteners
  - Penta-Head Socket
  - Cover Hook
  - Multipurpose Bracket
- Accessories
  - Racking
  - Cable Racks/Cable Arms
  - Nylon Saddle Rack
  - Unistrut
  - Pulling Eye
  - Lifting Eye

## Covers



Sizes		
■ 910	■ 1730	■ 2460
■ 1017	■ 2200	■ 3048
■ 1220	■ 2424	■ 3636
■ 1324	■ 2436	■ 3060
■ 1419	■ 2448	■ 3660



# Options

## Enclosure Options

### Steel Covers

Features:

- Grounding Terminal
- Galvanized or Painted
- SS Hex Head Fastener
- Penta Head Available
- SS Drop Handle Available

### TORSION ASSIST COVERS AVAILABLE

### Light Weight Covers

Call **Customer Service** with questions on all options pages.

Note: Load capacity compatible to bodies.

# Options

## Enclosure Options

### Hinged Cover - 1419

Material: HDPE  
Weight: 3.0 lbs.  
Part No: 1419-2 No Bolt  
14192B Bolt Down

### Electronic Marker

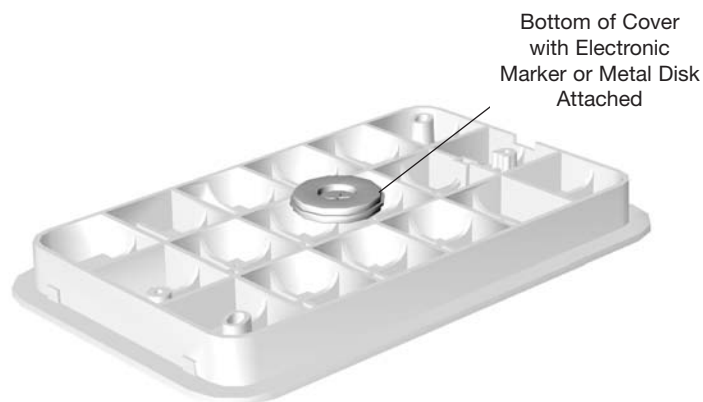
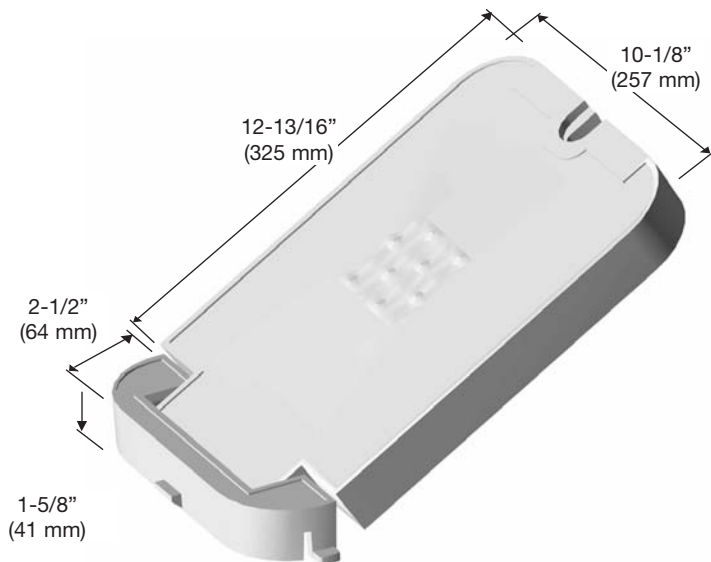
### Flipper Door (Cast Iron, Plastic)

Call **Customer Service** with questions on all options pages.

## Covers



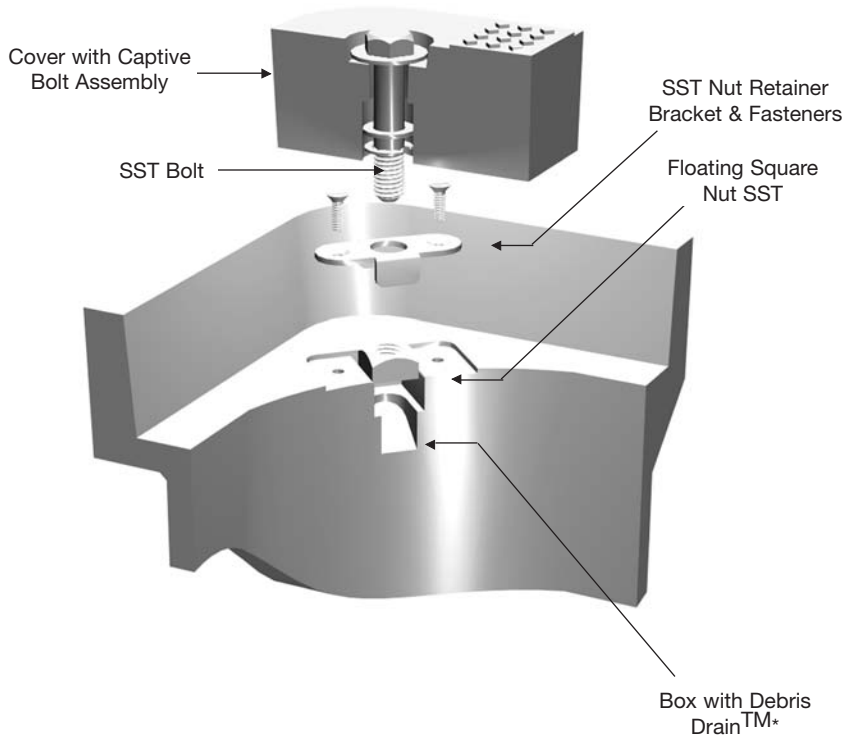
**Glendora, California**  
Toll-Free: 800.735.5566  
Phone: 909.592.6272  
Fax: 909.592.7971



Bottom of Cover with Electronic Marker or Metal Disk Attached



## Hardware



SST Bolt	SST Nut
3/8-16 UNC	3/8-16 UNC Square
1/2-13 UNC Hex Head	1/2-13 UNC Square
1/2-13 UNC Penta Head	1/2-6 Coil Thread, Square
1/2-6 Coil Thread Penta Head	

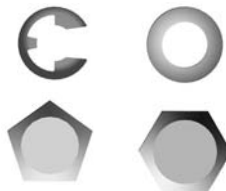
\*Patent Pending

# Options

## Enclosure Options

### Box Assembly with Captive Bolt and Floating Nut

Meets WUC, Guide 3.6 requirement of 70 ft. lb. torque)



### Captive Bolts

Tamper Resistant  
 Standard Penta-Head Bolt (SS)

Standard Hex-Head Bolt (SS)

# Options

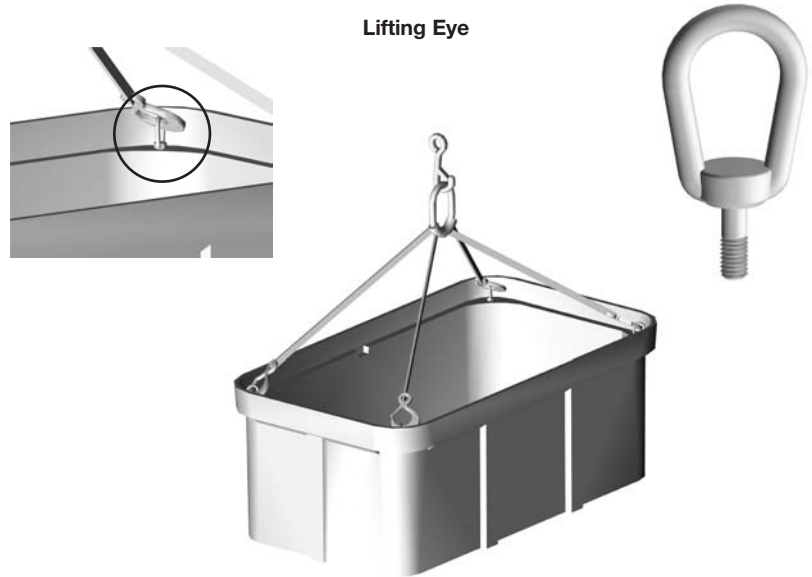
## Enclosure Options



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 Toll-Free: 800.735.5566  
 Phone: 909.592.6272  
 Fax: 909.592.7971

## Hardware

### Lifting Eye

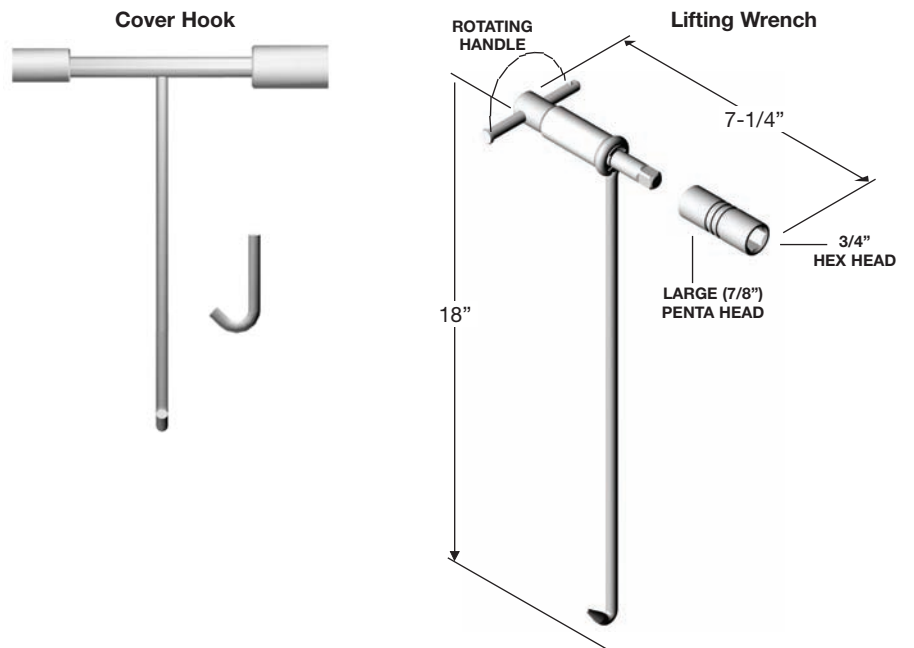


### Cover Hook

- A. Small Penta & Large Penta
- B. Small Hex & Large Hex

### Lifting Wrench

(Combination Lifting Hook/Cover Bolt Wrench)

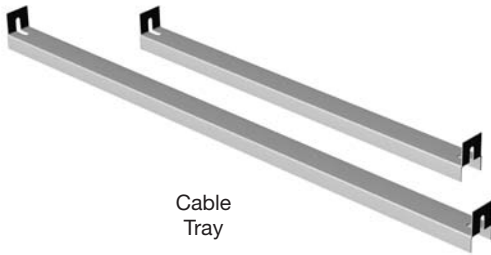


Model	Sockets	Fits
MS02195	Small Penta & Large Penta	3/8" Bolt & 1/2" Bolt
MS02190	Small 9/16" Hex & Large 3/4" Hex	

Call **Customer Service** with questions on all options pages.

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## Accessories



Cable Tray



Saddle Rack



Pulling Eye



Cable Racks/  
Cable Arms



Unistrut

# Options

## Enclosure Options

**Cable Tray (24" width bodies,  
36" width bodies)**

**Cable Racks/Cable Arms**

**Saddle Rack  
(1, 2, or 3 Saddles)**

**Unistrut**

**Pulling Eye**  
Design may vary by vault model

*Call **Customer Service** with questions on all options pages.*

Please specify vault size when ordering. Cable racking is available for 24" and deeper bodies.

# Options

## Enclosure Options

### Multipurpose Bracket

*(Additional bracketry available.  
Call Customer Service.)*

### Belljar Brackets

*Call Customer Service with  
questions on all options pages.*



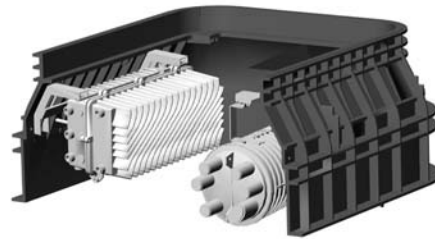
**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Accessories



Tap or Splitter  
Mounting

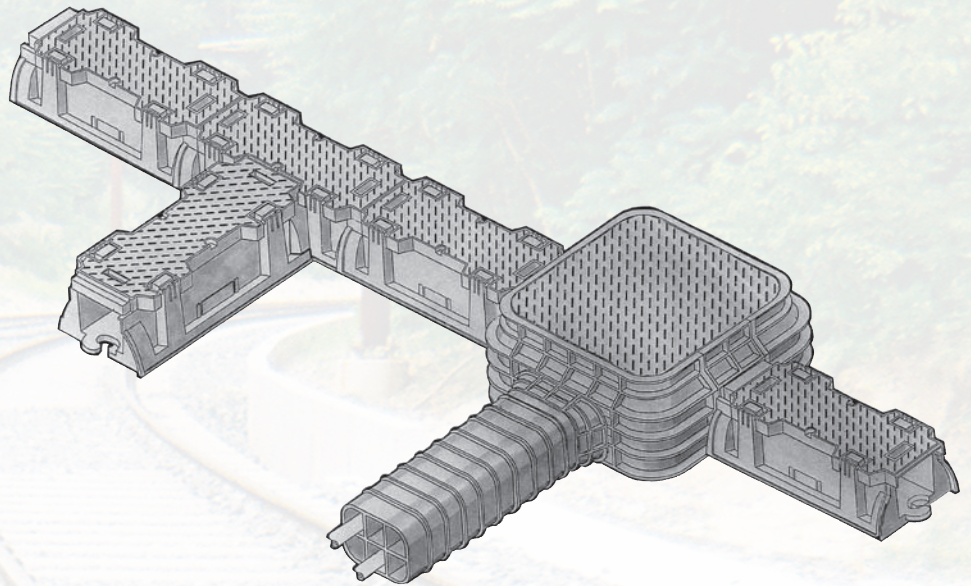
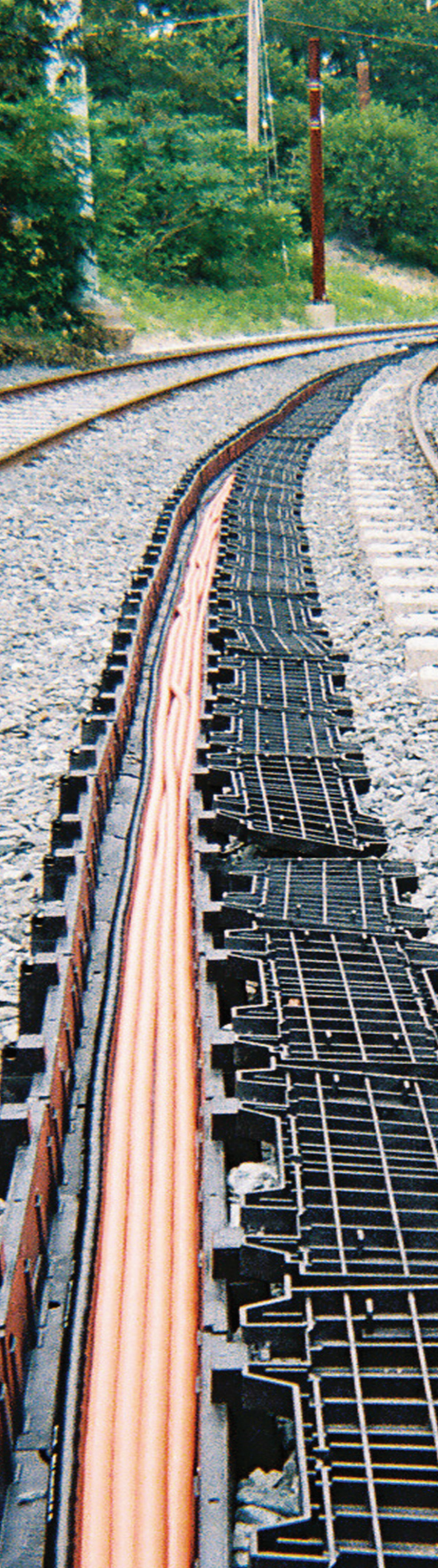


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# Cable Troughs

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- NFPA 70 Compliant
- Signaling/communications/power
- Lightweight, manageable lengths
- Interlocking design



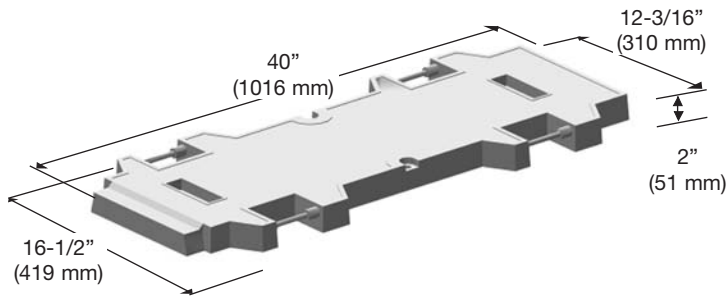
- **More integrated trackside cable routing than anyone**
- **More savings on installation**
- **More rapid installation with our lightweight, durable Railduct™, Multiduct and enclosure systems**
- **More flexibility with our complete engineering solutions**
- **More experience: over 30 years**

Want more information or a quote? Contact Customer Service at (800) 735-5566 or [oldcastleprecast.com/enclosuresolutions](http://oldcastleprecast.com/enclosuresolutions)  
Oldcastle Precast Enclosure Solutions has your solution.



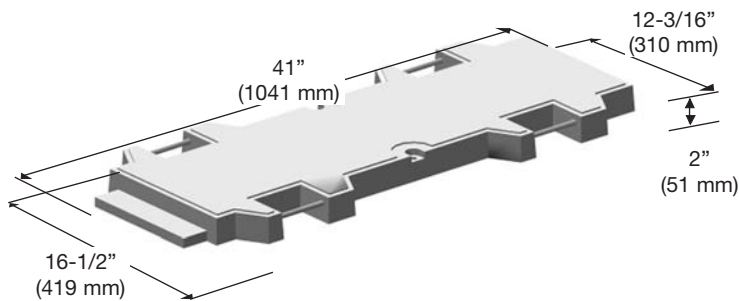
# Cable Troughs

## Railduct™



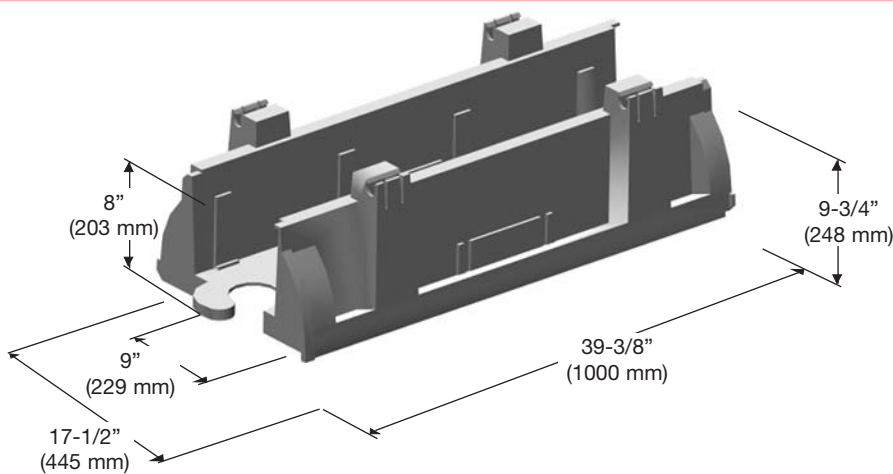
### Railduct™ 0908 HDPE Cover

Material: HDPE  
 Weight: 12.0 lbs. (5.4 kg)  
 Model: RD98-39-C-HDPE



### Railduct™ 0908 PC Cover

Material: Polymer Concrete  
 Weight: 57.0 lbs. (25.9 kg)  
 Model: RD98-39-C-PC



### Railduct™ 0908 Body

Material: HDPE  
 Weight: 32.0 lbs. (14.5 kg)  
 Model: RD98-39-B-HDPE

Note: Weights and dimensions may vary slightly.

# Cable Troughs

## Railduct™



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Fax: 909.592.7971

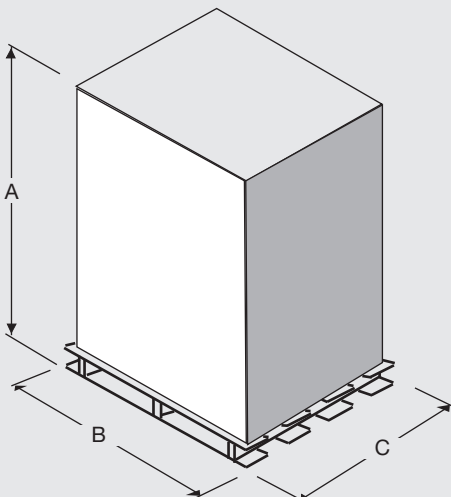
### Vertical and Lateral Load Rating

- Body with HDPE lid is compliant with ASTM C 857-95, A-0.3, design load of 300 lbf/ft<sup>2</sup>.
- Body with HDPE lid is capable of withstanding a static load of >5,000 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- Body with polymer concrete is capable of withstanding a static load of >28,000 lbf transferred through a 10" x 20" steel plate centered on the cover and body.

### Shipping Configuration

- Unit, 8 assemblies, = 61.8 cu. ft.; 712.0 lbs. with Polymer Concrete covers; 352.0 lbs. with HDPE covers

Note: Weights and dimensions may vary slightly.



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Properties of Raw Material	ASTM Test Method	HDPE	Polymer Concrete
Compressive Strength	C 579-96	N/A	11,000 psi
Tensile Strength	D 638	2,700-4,400 psi (typical range)	N/A
Flexural Modulus	D 790	Min. 140,000 not to exceed 240,000 psi	N/A
Flexural Strength	C 580	N/A	1,800 psi
Modulus of Elasticity	C 580	N/A	2,900,000 psi
Chemical Resistance	D 543 C 267	Very Resistant <sup>1</sup> N/A	N/A Pass <sup>2</sup>
Impact Resistance	D 2444-93	N/A	Pass <sup>3</sup>

<sup>1</sup>Test reports available on request.

<sup>2</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>3</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

### Shipping Information

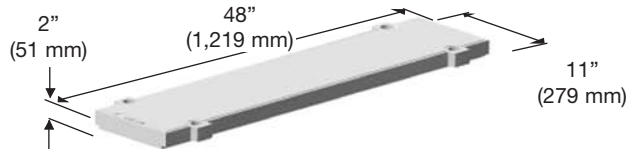
Dim.	Description	Value
A	Height	53"
B	Length	48"
C	Width	42"

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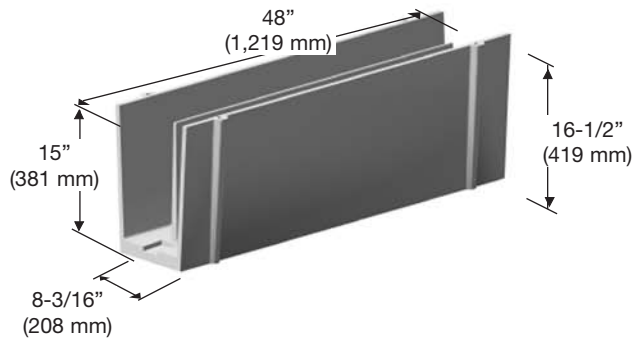
# Cable Troughs

## Railduct™



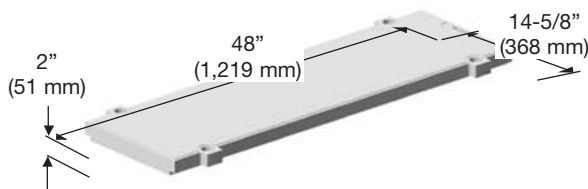
### Railduct™ 815 Cover

Material: Polymer Concrete  
 Weight: 69.0 lbs. (31.3 kg)  
 Model: RD815-48-C



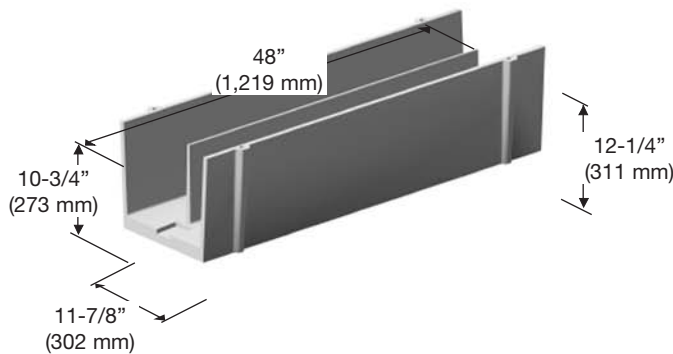
### Railduct™ 815 Body

Material: Polymer Concrete  
 Weight: 130.0 lbs. (59.0 kg)  
 Model: RD815-48-B



### Railduct™ 1211 Cover

Material: Polymer Concrete  
 Weight: 91.0 lbs. (41.3 kg)  
 Model: RD1211-48-C



### Railduct™ 1211 Body

Material: Polymer Concrete  
 Weight: 120.0 lbs. (54.4 kg)  
 Model: RD1211-48-B

Note: Weights and dimensions may vary slightly.

# Cable Troughs

## Railduct™



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Fax: 909.592.7971

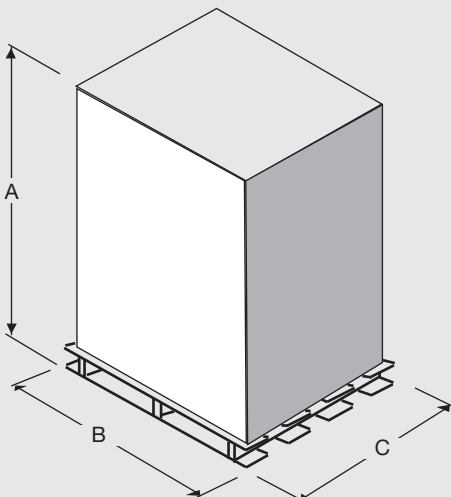
### Vertical and Lateral Load Rating

- Body with polymer concrete lid is compliant with AASHTO design load of H-10.
- Body with polymer concrete lid is compliant with ASTM C 857-95, A-8, design load of 8,000 lbs.

### Shipping Configuration

- **Railduct™ 815:**  
Unit, 6 assemblies, = 61.7 cu. ft.;  
1,244.0 lbs.
- **Railduct™ 1211:**  
Unit, 6 assemblies, = 77.5 cu. ft.;  
1,316.0 lbs.

Note: Weights and dimensions may vary slightly.



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Properties of Raw Material	ASTM Test Method	Polymer Concrete
Compressive Strength	C 579-96	11,000 psi
Flexural Strength	D 790-97	1,800 psi
Modulus of Elasticity	C 580-93	2,900,000 psi
Chemical Resistance	C 267-97	Pass <sup>1</sup>
Impact Resistance	D 2444-93	Pass <sup>2</sup>

<sup>1</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>2</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

### Shipping Information

Dim.	Description	Value
<b>Railduct™ 815</b>		
A	Height	47"
B	Length	54"
C	Width	42"
<b>Railduct™ 1211</b>		
A	Height	59"
B	Length	54"
C	Width	42"

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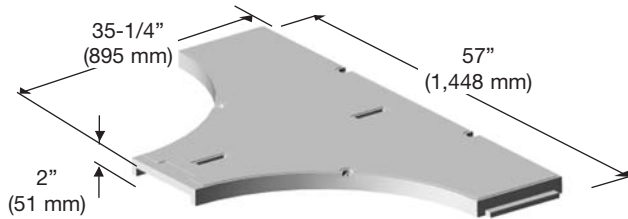
# Cable Troughs Options

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- Dividers and covers
- Size transitions

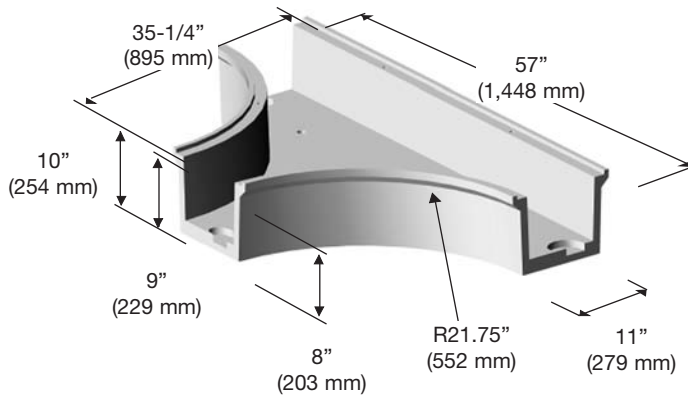
# Cable Trough Options

## Tee, Sweep & Divider



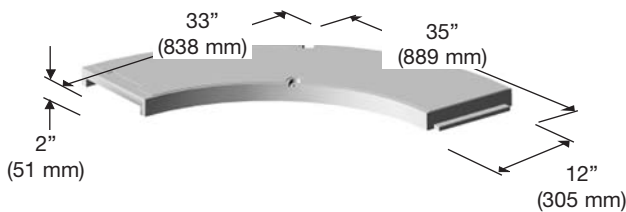
### Railduct™ Tee Cover

Material: Polymer Concrete  
Weight: 95.0 lbs. (43.0 kg)  
Model: RD-T-C



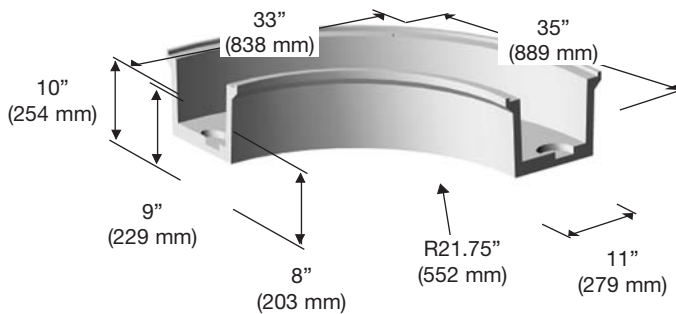
### Railduct™ Tee Body

Material: Polymer Concrete  
Weight: 135.0 lbs. (61.2 kg)  
Model: RD-T-B



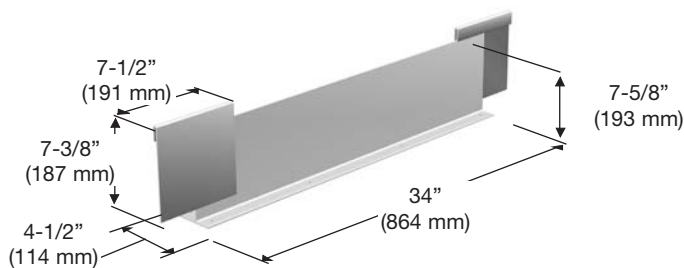
### Railduct™ 90o Cover

Material: Polymer Concrete  
Weight: 45.0 lbs. (20.4 kg)  
Model: RD-90-C



### Railduct™ 90o Body

Material: Polymer Concrete  
Weight: 77.0 lbs. (34.9 kg)  
Model: RD-90-B



### Railduct™ Divider & Extension

Material: Plastic  
Model: RD-DIV-EXT

Note: Weights and dimensions may vary slightly.

# Cable Trough Options

## Tee, Sweep & Divider



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Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

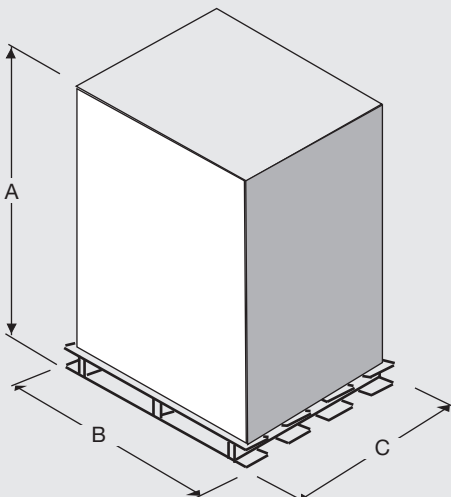
### Vertical and Lateral Load Rating

- Body with light weight polymer concrete lid is capable of withstanding a static load of >10,000 lbf transferred through a 10" x 10" plate centered on the cover and body.
- Body with optional steel cover is capable of withstanding a static load of >22,800 lbf transferred through a 10" x 10" plate centered on the cover and body.

### Shipping Configuration

- **Railduct™ 90o:**  
Unit, 8 assemblies, = 67.0 cu. ft.;  
1,026.0 lbs.
- **Railduct™ Tee:**  
Unit, 3 assemblies, = 69.1 cu ft.;  
740.0 lbs.

Note: Weights and dimensions may vary slightly.



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Properties of Raw Material	ASTM Test Method	Polymer Concrete
Compressive Strength	C 579-96	11,000 psi
Flexural Strength	D 790-97	1,800 psi
Modulus of Elasticity	C 580-93	2,900,000 psi
Chemical Resistance	C 267-97	Pass <sup>1</sup>
Impact Resistance	D 2444-93	Pass <sup>2</sup>

<sup>1</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>2</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

### Shipping Information

Dim.	Description	Value
<b>Railduct™ 90°</b>		
A	Height	51"
B	Length	54"
C	Width	42"
<b>Railduct™ Tee</b>		
A	Height	39.5"
B	Length	72"
C	Width	42"

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# Duct

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# TRENCH REQUIREMENTS

This table shows various formations from 6-way through 42-way and the recommended minimum trench width and depth requirements and the amount of backfill required. Individual job site conditions may require increased trench sizes which will change trench and fill volumes. Trench requirements for larger duct formations are available upon request.

DUCT CONFIGURATION	TRENCH WIDTH INCHES	TRENCH DEPTH INCHES	COVER ON CONDUIT INCHES	TRENCH VOLUME CU. YDS. PER 100 T.F.	**SELECT FILL REQ'D. CU. YDS. PER 100 T.F.	**SELECT FILL REQ'D. CU. YDS. PER 100 D.F.
6-WAY 2 WIDE X 3 HIGH (1-6W)	18	38	24	17.6	6.89	1.15
	18	44	30	20.4		
	18	50	36	23.1		
6-WAY 3 WIDE X 2 HIGH (1-6W)	24	34	24	21.0	7.16	1.19
	24	40	30	24.7		
	24	46	36	28.4		
9-WAY 3 WIDE X 3 HIGH (1-9W)	24	38	24	23.4	8.55	0.95
	24	44	30	27.2		
	24	50	36	30.9		
12-WAY 6 WIDE X 2 HIGH (2-6W)	40	34	24	35.0	10.84	0.90
	40	40	30	41.1		
	40	46	36	47.3		
12-WAY 4 WIDE X 3 HIGH (2-6W)	30	38	24	29.3	10.32	0.86
	30	44	30	33.9		
	30	50	36	38.6		
*12-WAY 3 WIDE X 4 HIGH (2-6W)	24	45	24	27.7	12.90	1.08
	24	51	30	31.5		
	24	57	36	35.2		
*15-WAY 3 WIDE X 5 HIGH (1-9W 1-6W)	26	50	24	33.4	14.70	0.98
	26	56	30	37.4		
	26	62	36	41.5		
15-WAY 5 WIDE X 3 HIGH (1-9W 1-6W)	36	38	24	35.2	12.00	0.80
	36	44	30	40.7		
	36	50	36	46.3		
*18-WAY 3 WIDE X 6 HIGH (2-9W)	26	55	24	36.8	16.39	0.91
	26	61	30	40.8		
	26	67	36	44.8		
18-WAY 6 WIDE X 3 HIGH (2-9W)	40	38	24	39.1	12.54	0.70
	40	44	30	45.3		
	40	50	36	51.4		
*18-WAY 3 WIDE X 6 HIGH (3-6W)	26	57	24	38.1	17.98	0.99
	26	63	30	42.1		
	26	69	36	46.1		
*21-WAY 3 WIDE X 7 HIGH (2-6W 1-9W)	26	62	24	41.5	19.67	0.94
	26	68	30	45.5		
	26	74	36	49.5		
*24-WAY 6 WIDE X 4 HIGH (4-6W)	40	46	24	47.3	16.80	0.70
	40	52	30	53.5		
	40	58	36	59.6		
*24-WAY 4 WIDE X 6 HIGH (4-6W)	30	54	24	41.7	17.10	0.71
	30	60	30	46.3		
	30	66	36	50.9		
*27-WAY 3 WIDE X 9 HIGH (3-9W)	26	71	24	47.5	24.96	0.92
	26	77	30	51.5		
	26	83	36	55.5		
*36-WAY 6 WIDE X 6 HIGH (4-9W)	40	54	24	55.6	20.35	0.56
	40	60	30	61.7		
	40	66	36	67.9		
*36-WAY 6 WIDE X 6 HIGH (6-6W)	40	57	24	58.6	25.20	0.70
	40	63	30	64.8		
	40	69	36	70.9		
*36-WAY 4 WIDE X 9 HIGH (6-6W)	30	71	24	54.8	26.09	0.72
	30	77	30	59.4		
	30	83	36	64.0		
*42-WAY 6 WIDE X 8 HIGH (4-9W 1-6W)	40	81	24	83.3	32.24	0.77
	40	87	30	89.5		
	40	93	36	95.7		

Additional formations upon request.

\*A 2-inch horizontal soil separation between conduit runs is included in backfill volume specifications.

\*\*Select Fill Required includes 3" bedding, 3" cover and 15% compaction loss.

### STANDARD CONDUIT SECTIONS

#### 4W-42



**Basic 4-way unit**  
 10.43" x 10.43" x 44"  
 14 duct feet  
 42" laying length  
 15 lbs.

#### 6W-42



**Basic 6-way unit**  
 10.43" x 14.64" x 44"  
 21 duct feet  
 42" laying length  
 22 lbs.

#### 9W-42



**Basic 9-way unit**  
 15.14" x 15.14" x 44"  
 31.5 duct feet  
 42" laying length  
 33 lbs.

### MITRES

#### 4W-M



**4-way Miter**  
 3°/ft. angular deflection  
 10.43" x 10.43" x 14"  
 12" laying length

#### 6W-EM • 6W-FM

**6-way Edge Miter (EM)**  
 3°/ft. angular deflection  
 Horizontal curves in 2 wide/  
 3 high runs. Vertical curves  
 in 3 wide/2 high runs.  
 14.64" x 10.43" x 14"  
 12" laying length



**6-way Flat Miter (FM)**  
 3°/ft. angular deflection  
 Horizontal curves in 3 wide/  
 2 high runs. Vertical curves  
 in 2 high/3 wide runs.  
 10.43" x 14.64" x 14"  
 12" laying length

#### 9W-M



**9-way Miter**  
 3°/ft. angular deflection  
 15.14" x 15.14" x 14"  
 12" laying length

### DOUBLE BELLS

#### 4W-BB



**4-way Double Bell**  
 10.43" x 10.43" x 16"  
 12" laying length

#### 6W-BB



**6-way Double Bell**  
 10.13" x 14.31" x 4.50"

#### 9W-BB



**9-way Double Bell**  
 14.63" x 14.63" x 5.06"



### DOUBLE SPIGOTS

#### 4W-SS



**4-way Double Spigot**  
10.02" x 10.02" x 14.75"  
12" laying length

#### 6W-SS



**6-way Double Spigot**  
10.00" x 14.19" x 4.75"

#### 9W-SS



**9-way Double Spigot**  
14.50" x 14.50" x 4.88"

### SOLID DUCT PLUGS



**DPCR Corner Duct Plug**  
4.10" x 4.10" x 1.50"  
For both 6-way  
and 9-way conduit



**DPSQ Square Duct Plug**  
4.10" x 4.10" x 1.50"  
For both 6-way  
and 9-way conduit

### SPLIT DUCT PLUGS



**SDPSQ Split Square  
Duct Plug**  
4.10" x 4.10" x 1.50".  
2", 2-1/2" and 3" O.D. cable.  
For both 6-way and 9-way  
conduit



**SDPSQ Split Corner  
Duct Plug**  
4.10" x 4.10" x 1.50".  
2", 2-1/2" and 3" O.D. cable.  
For both 6-way and 9-way  
conduit

### SPRING CLIPS



**S-0100 Spring Tempered Steel Clips**  
2.68" x 1.00"

### NEOPRENE GASKETS



**G-9W**  
9-way Spigot Gasket  
**G-6W**  
6-way Spigot Gasket  
**G-4W**  
4-way Spigot Gasket

Toll Free: 800-735-5566

 **Oldcastle Precast®**  
Enclosure Solutions

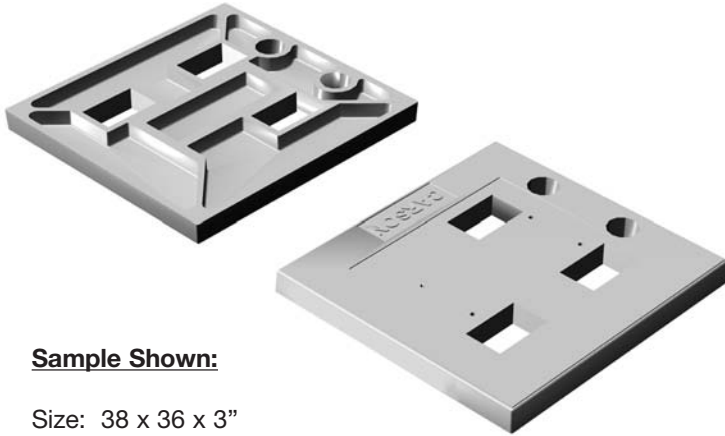
# Equipment Pads

---

# **Polymer Concrete Equipment Pads with proprietary fiberglass reinforcement:**

- Lightweight design provides economical shipping and ease of handling in the field.
- Reduces construction time and costs with less coordination of trades on site.
- Precision factory installed inserts and blocked out areas ensure consistent mounting of cabinets.
- 300 Series stainless steel inserts resist rusting and pulling out from pad.
- Unique Core Design locks the pad into the site preparation, reducing opportunities for movement.
- Carson polymer concrete is ultraviolet, chemical and skid resistant and has a low propensity for water absorption.
- Material matrix reduces opportunity for chipping and cracking.
- High compressive and flexural strength allow for unique pad design.
- Molded-in recess for lifting.
- HDPE vaults can be attached to the bottom of the pads providing stability and assistance in cable entry.
- Multiple insert locations enable a single pad to interface with numerous size cabinets, thus reducing inventories and part numbers.

# Equipment Pads



**Sample Shown:**

Size: 38 x 36 x 3"



**Sample Shown:**

Size: 64-1/4 x 36 x 3"

## **Pads**

Material: Polymer Concrete

# Equipment Pads



**Glendora, California**

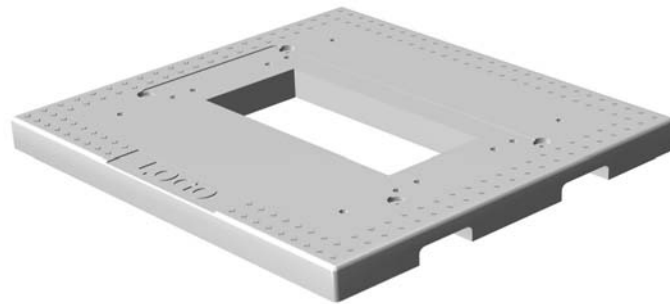
Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## Pads

Material: Polymer Concrete



### Sample Shown:

Size: 36 x 34 x 3"

Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength* Modulus of Elasticity*	C580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>1</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>2</sup>

<sup>1</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

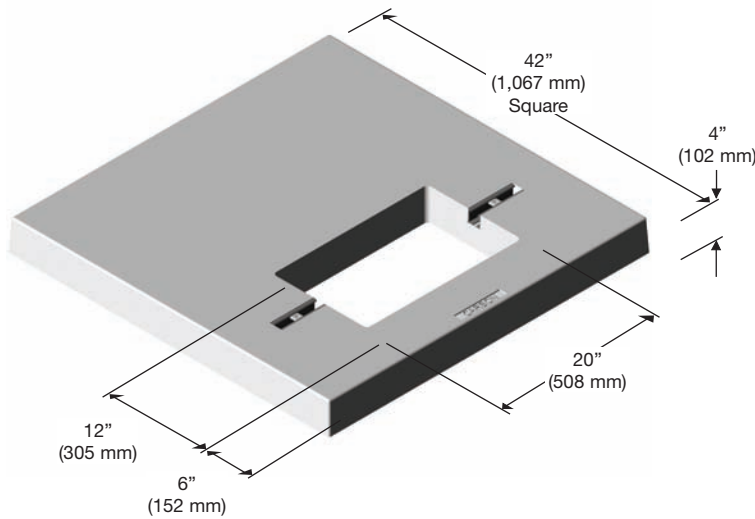
<sup>2</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

\*Base material values only. Polymer concrete products incorporate fiberglass cloth reinforcement yielding higher performance values.

# Equipment Pads

## Transformer Pads

### Model: EP4242-4



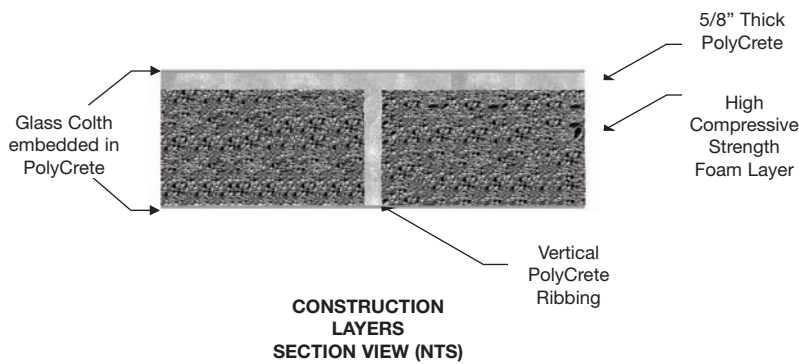
**Base**

Material: Polymer Concrete

**Weight**

140 lbs.

Skid Resistant Surface<sup>2</sup>  
 (Material compliant with WUC,  
 TRANSFORMER SPEC)



# Equipment Pads

## Transformer Pads

### Model: EP4242-4



**Glendora, California**

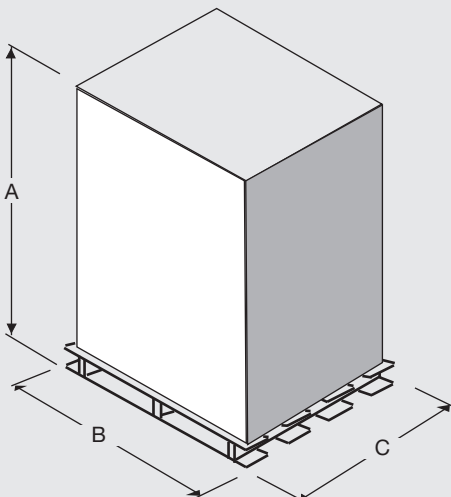
Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

### Shipping Configuration

Note: Weights and dimensions may vary slightly.



©2008 Oldcastle Precast, Inc.

Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength* Modulus of Elasticity*	C580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

### Shipping Information

Dim.	Description	Value
A	Height	44"
B	Length	48"
C	Width	54"

**Units:** 10 pads per pallet

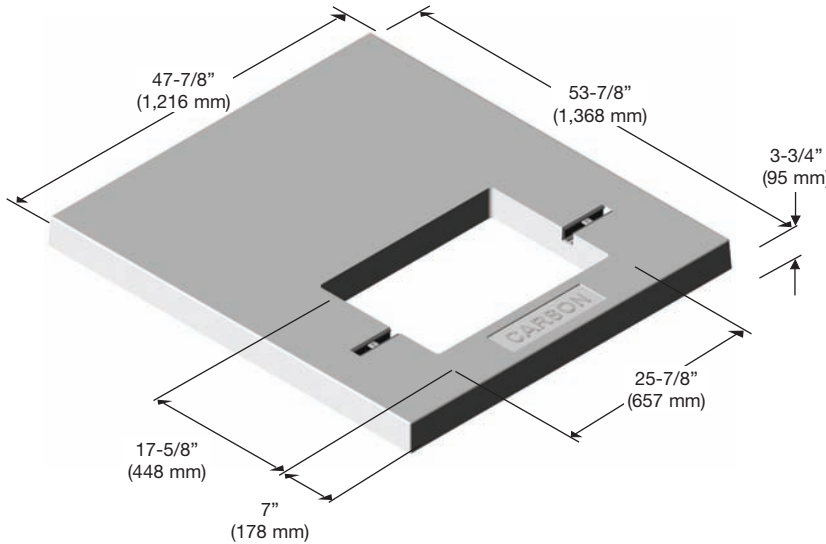
**Weight:** 1,455

All information contained in this brochure was current at the time of printing. Because of Oldcastle Precast's policy of ongoing research and development, the Company reserves the right to discontinue or update product information without notice.

# Equipment Pads

## Transformer Pads

### Model: EP5448-4



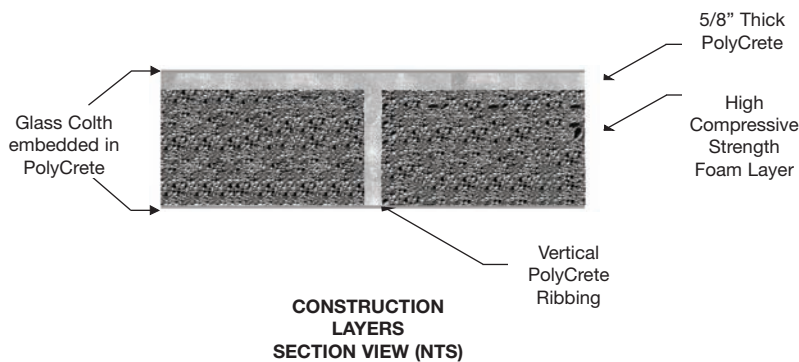
**Base**

Material: Polymer Concrete

**Weight**

160 lbs.

Skid Resistant Surface<sup>2</sup>  
 (Material compliant with WUC,  
 TRANSFORMER SPEC)





# Equipment Pads

## Transformer Pads

### Model: EP5448-4



**Glendora, California**

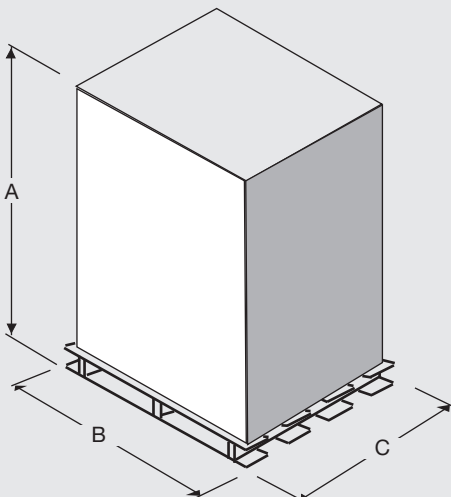
Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

### Shipping Configuration

Note: Weights and dimensions may vary slightly.



©2008 Oldcastle Precast, Inc.

Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength* Modulus of Elasticity*	C580-93	1,800 psi 2,900,000 psi
Chemical Resistance of Polymer Concretes	Chemical Resistance	C 267-97	Pass <sup>4</sup>
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass <sup>5</sup>

<sup>2</sup>Coefficient of Friction (ASTM C1028) >0.5

<sup>4</sup>Specimens exposed to ten reagents (alkalis, acids and petroleum distillates) experience <2% weight and dimensional change and retain >75% of average Compressive Strength. Listing of reagents and test reports available upon request.

<sup>5</sup>Capable of withstanding 70 ft lbs impact with a type "C" Tup.

### Shipping Information

Dim.	Description	Value
A	Height	45"
B	Length	48"
C	Width	54"

**Units:** 10 pads per pallet

**Weight:** 1,655 lbs.

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# **Pedestals**

---

# Pedestals

## Features

## Benefits

Linear Low Density  
Polyethylene (LLDPE) material

Resistant to high impact, corrosion,  
chemicals, hostile environments

Rectangle shape

Aesthetic design and maximum  
working space

Cover overlaps base providing  
security and a consistent fit

Connection designed for safety and  
dependable close each time

Unique Stainless Steel lock

Dual locking system for security,  
safety, and reliability

Optional 3" temporary service  
hole in base is secured from  
inside enclosure

Temporary service hole below  
ground-line permits fast and easy  
connection

Unique ribbed base

Industry proven base design  
provides strength and stability

Designed to meet market needs

Conformance to industry Standard

Optional colors available

Color selections available for local  
aesthetic requirements

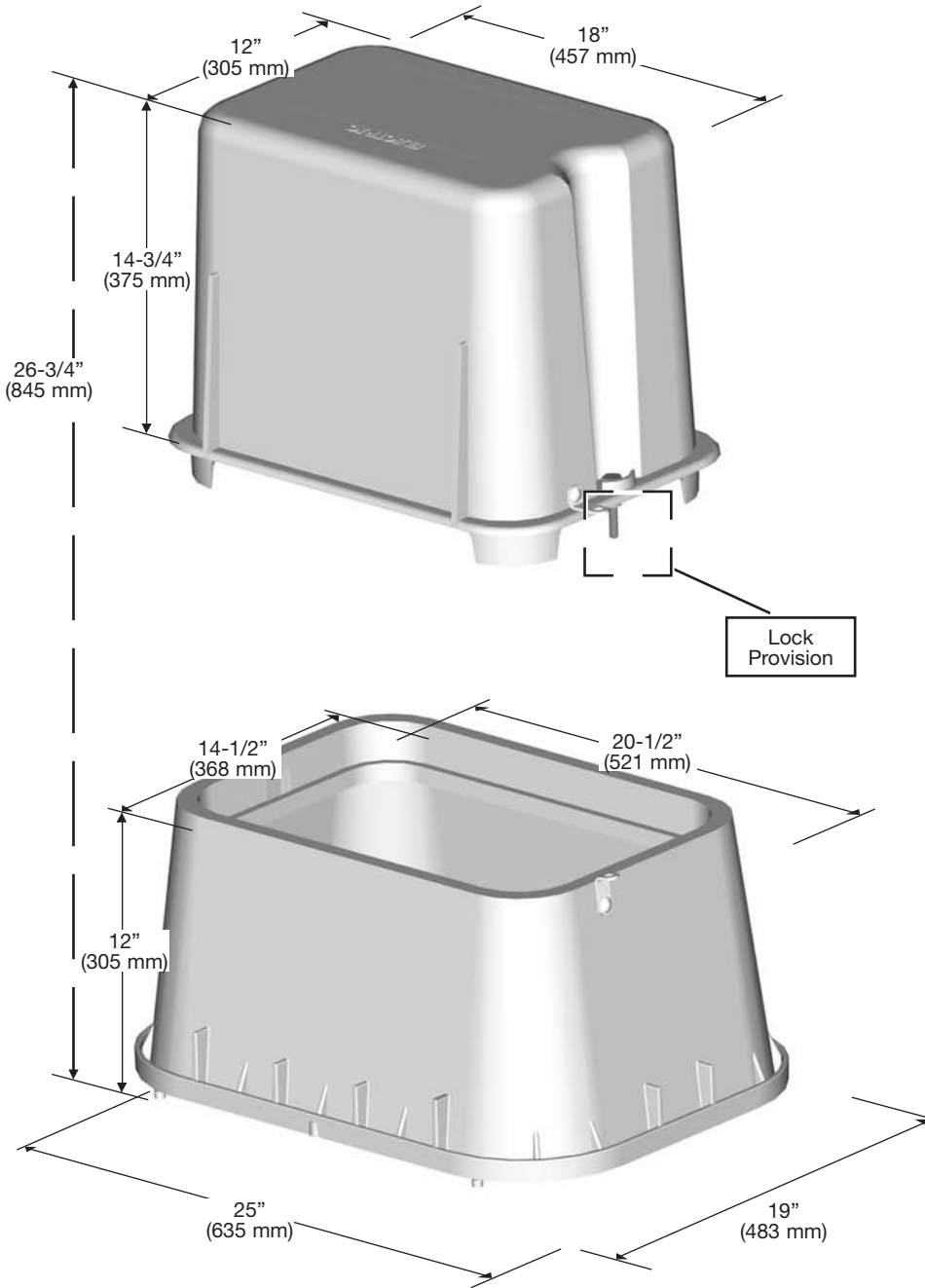
Quality Control System

Manufacturing process adheres to  
strict practice providing the  
highest quality product

# Electrical Utility Pedestal

## 1220 Pedestal Assembly

**Model: P1220-27**



### TOP

Material: HDPE  
 Model: P1220-27  
 Colors: Green, Grey  
 Hardware: 3/8" Penta Bolt,  
 Stainless Steel with  
 Secondary Security  
 Locking Feature

### BASE

Material: HDPE  
 Colors: Green

**Unit Weight** (Pedestal Top and Base):  
 32.12 lbs. (14.45 kg)

(Sold as complete unit only)

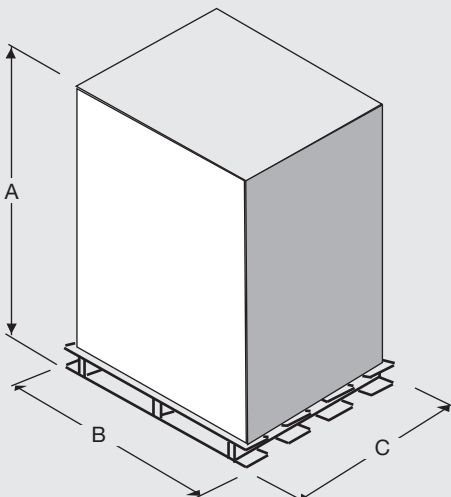
# Electrical Utility Pedestal

**Model: P1220-27**

## Shipping Configuration

- **P1220:** Unit, 16 assemblies, 118.6 cu. ft., 415 lbs.

Note: Weights and dimensions may vary slightly.



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**Glendora, California**

Toll-Free: 800.735.5566

Phone: 909.592.6272

Fax: 909.592.7971

## HDPE STRUCTURAL FOAM

Material Property	ASTM Test	
	Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150 <sup>0</sup> min., not to exceed 200 <sup>0</sup>
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
<b>Molded Product<sup>2</sup></b>		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.

<sup>2</sup>Test reports available on request.

## Shipping Information

Dim.	Description	Value
A	Height	89"
B	Length	48"
C	Width	48"

All information contained in this brochure was current at the time of printing. Because of Oldcastle Precast's policy of ongoing research and development, the Company reserves the right to discontinue or update product information without notice.

# SYNERTECH

---

2 Inverness  
Candiac, Quebec J5R 4W5  
Tel: (888) 868-5214  
Fax: (888) 500-5568

**[www.oldcastleprecast.com/enclosuresolutions](http://www.oldcastleprecast.com/enclosuresolutions)**

SYNERTECH

Synertech Moulded Products Underground Enclosures are used as splice boxes, pull boxes, equipment enclosures, meter boxes, and valve boxes or whenever underground access is required.

Synertech has combined the exceptional strength and durability of High Density Polymer Concrete (HDPC) with the tough and lightweight qualities of Sheet Moulding Compound (SMC) to meet your most important requirements for underground enclosures. Utilizing the two patented materials with our patented manufacturing process, Synertech manufactures a monolithic straight walled enclosure that is not only the toughest but the lightest polymer enclosure on the market today.

#### Synertech Moulded Products Underground Enclosures

- Uses 20,000 psi polymer concrete for higher strength
- Use Sheet Moulding Compound (SMC) for exceptional toughness and reduced weight
- Meets ANSI/SCTE 77-2002 as referenced in the NEC 314.30
- Tier 5, Tier 8, and Tier 15 load ratings
- Tier 22 load ratings available upon request
- Are lightweight and easy to handle
- Enclosures up to 17x30 conform to OSHA Section VII Chapter 1 – Allowable handling weight
- Straight wall design for stackable applications
- Stainless steel hardware
- Have exceptional resistance to sunlight and chemicals
- Are unaffected by freeze/thaw
- Are non conductive and do not require grounding for safety
- Are available with special logos
- Approved and conforms to DOT standards
- Approved and conforms to RUS standards

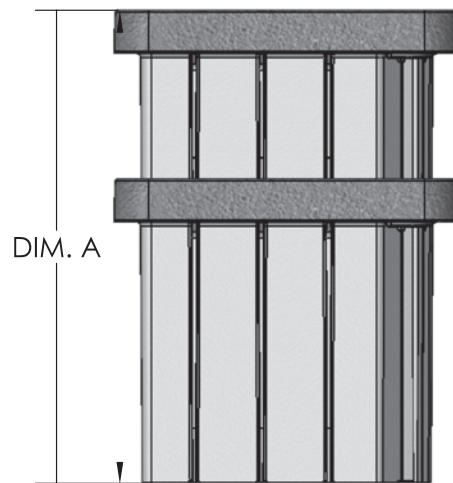
DESCRIPTION	BOX	DIM. A	#CATALOGUE	POUNDS COVER	POUNDS BOX
<b>11 X 18</b>				19	
11 X 18 X 24	12 + 12	23"	S1118B24FA		46
11 X 18 X 30	12 + 18	28"	S1118B30FA		50
11 X 18 X 36	18 + 18	34"	S1118B36FA		53
<b>12 X 12</b>				11	
12 X 12 X 24	12 + 12	23"	S1212B24FA		30
12 X 12 X 30	12 + 18	29"	S1212B30FA		32
12 X 12 X 36	18 + 18	35"	S1212B36FA		34
<b>13 X 24</b>				35	
13 X 24 X 30	12 + 18	27 3/4"	S1324B30FA		68
13 X 24 X 36	18 + 18	33 3/4"	S1324B36FA		72
13 X 24 X 42	18 + 24	39 3/4"	S1324B42FA		76
<b>17 X 30</b>				55	
17 X 30 X 30	12 + 18	27 3/4"	S1730B30FA		90
17 X 30 X 36	18 + 18	33 3/4"	S1730B36FA		97
17 X 30 X 42	18 + 24	39 3/4"	S1730B42FA		102
17 X 30 X 48	24 + 24	45 3/4"	S1730B48FA		108
<b>24 X 36</b>				131	
24 X 36 X 42	18 + 24	38 3/4"	S2436B42FA		170
24 X 36 X 48	24 + 24	44 3/4"	S2436B48FA		181
24 X 36 X 60	24 + 36	56 3/4"	S2436B60FA		203
24 X 36 X 72	36 + 36	68 3/4"	S2436B72FA		224
<b>30 X 48</b>				214	
30 X 48 X 42	18 + 24	38 3/4"	S3048B42FA		230
30 X 48 X 48	24 + 24	44 3/4"	S3048B48FA		244
30 X 48 X 60	24 + 36	56 3/4"	S3048B60FA		354
30 X 48 X 72	36 + 36	68 3/4"	S3048B72FA		465
<b>36 X 60</b>				547	
36 X 60 X 48	24 + 24	44 3/4"	S3660B48FA		363
36 X 60 X 60	24 + 36	56 3/4"	S3660B60FA		398
36 X 60 X 72	36 + 36	68 3/4"	S3660B72FA		433

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



TYPICAL ASSEMBLY





01 - BLANK

02 - ELECTRIC

03 - TELEPHONE

04 - FIBER OPTICS

05 - WATER

06 - C.A.T.V.

07 - GROUND

08 - GAS

09 - HIGH VOLTAGE

10 - LIGHTING

11 - STREET LIGHTING

12 - TRAFFIC

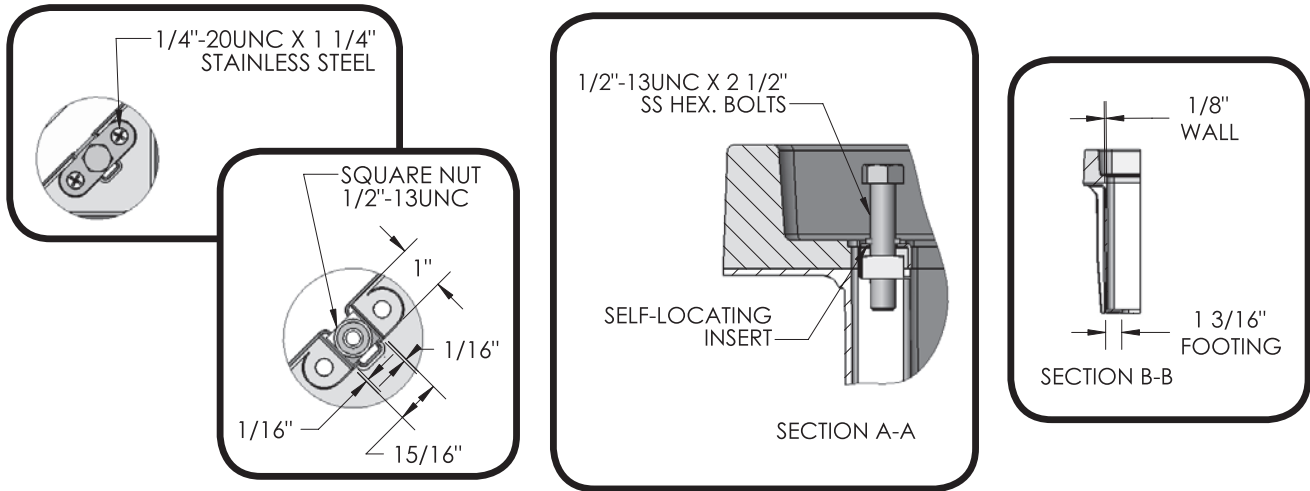
13 - TRAFFIC SIGNAL

14 - NON-POTABLE WATER

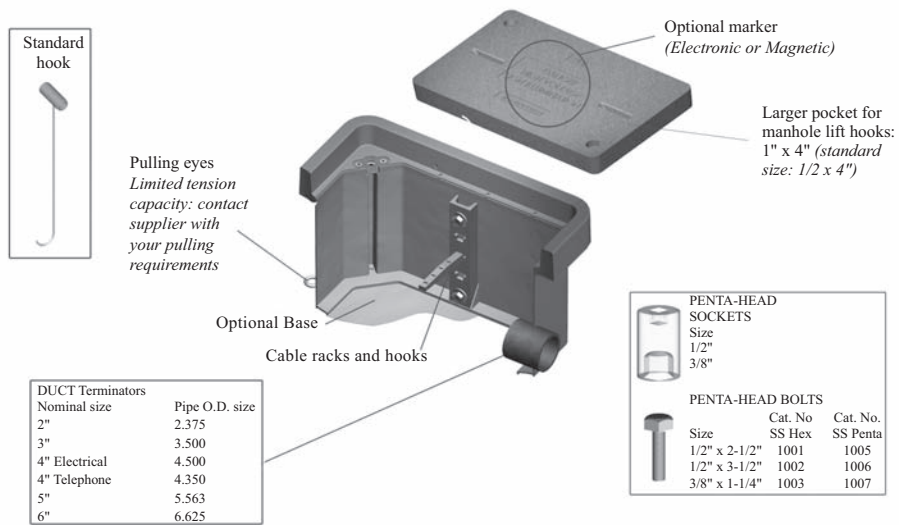
15 - CONTROLS

16 - COMMUNICATIONS

17 - IRRIGATION

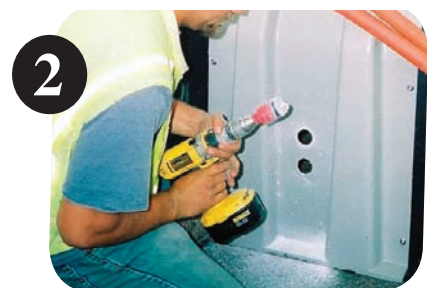
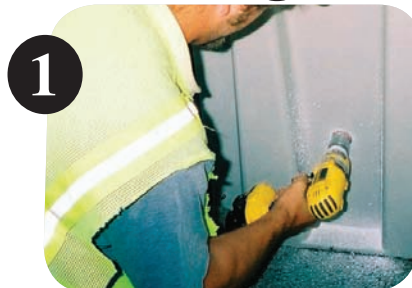


## Options & Accessories



## Hole Drilling

Synertech Enclosures sidewall thickness does not exceed 1/4"! Therefore no masonry hole saw or heavy duty punch drills are required. A simple cordless hole saw will cut any size hole required for your cable or conduit entry. It's as simple as one, two!



- 1** Synertech underground enclosures can be delivered to the site on any construction maintenance vehicle. Easily handled by hand or boom truck for unloading.

---
- 2** Mark location and begin excavation, prepare excavation so there is room for at least 6" of bedding material. Depth of excavation = Box Height plus 6".

---
- 3** Place a suitable bedding material (compacted pea gravel or crushed rock) beneath the enclosure and level it to ensure that the enclosure is well supported beneath its walls. Install wire mesh on the level bedding material. Wire mesh is utilized to control pests and rodents preventing possible destruction of wire after installation. On larger enclosures, utilize a boom to install enclosure into the excavated hole.

---
- 4** Install temporary supports in the interior of the underground enclosure to provide greater lateral rigidity. The number of supports varies depending on the size of Underground Enclosure.

---
- 5** Place a temporary or the actual cover on the enclosure before backfilling uniformly on all four sides. Backfill to grade level. Compact every 6 inches to ensure well compacted backfill. A mechanical tamping device, as shown or alternative hand operated mechanical devices should be used. Do not use a tire or shovel of a backhoe as tamping tools!

---
- 6** **Be sure that the soil or pavement is to grade level before allowing vehicles in the vicinity of the enclosure.**

### **Suggested Specifications**

Underground enclosures are manufactured by Synertech or approved equal.

The enclosure will be manufactured utilizing two materials - High Density Polymer Concrete (HDPC) and Sheet Moulding Compound (SMC) to form a monolithic enclosure. Products to be manufactured by a compression molded process that guarantees consistent geometries and dimensions. The cover and ring shall be made of High Density Polymer Concrete (HDPC) with a minimum compressive strength of 20,000 psi. The body of the enclosure shall be manufactured utilizing Sheet Moulding Compound (SMC). Enclosures must be straight walled for stackable applications or for easy grade adjustments.

High Density Polyethylene (HDPE), structural foam, or structural thermoplastic, or fiberglass spray up body will not be acceptable.

Enclosures 1118, 1212, 1324, and 1730 must not exceed the allowable handling weight of one person in conformance with OSHA Standards, Section VII, Chapter 1. Enclosures 2436, 3048 and 3660 must be mechanically installed utilizing a backhoe and or boom truck.

Cover shall have a minimum coefficient of friction of .50. The cover is fastened to the enclosure with two stainless steel bolts, Hex or Penta. The enclosure is equipped with self locating or floating threaded stainless steel nuts.

Identification logo is permanently molded or engraved on the top surface of the enclosure cover. Load rating and identification of the manufacturer shall also be molded on the top surface of the cover.

Manufacturer shall be an accredited ISO 9001-2000 certified manufacturer to ensure a high standard of quality.

Synertech Underground Enclosures are designed to meet or exceed the tier loadings required by ANSI/SCTE 77 2002 “Specification for Underground Enclosure Integrity”. ANSI/SCTE tier designations are minimum specifications used by the industry to ensure the safe and reliable performance of underground manhole enclosures.

**Loading Requirements - Tiers**

- TIER 5 Sidewalk applications with a safety factor for occasional non-deliberate vehicular traffic.
- TIER 8 Sidewalk applications with a safety factor for non-deliberate vehicular traffic.
- TIER 15 Driveway, parking lot, railroad right of way and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic.
- TIER 22\* Driveway, parking lot, railroad right of way and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic. (Covers only)

\*available upon request

Tier 5		
Vertical Load Rating	22.2 Kn	5000 lbs
Vertical Test Load	33.3 Kn	7500 lbs
Lateral Design Load	28.7 Kpa	600 lbs/sq.ft.
Lateral Test Load	43.1Kpa	900 lbs/sq.ft

Tier 8		
Vertical Load Rating	35.6 Kn	8,000 lbs
Vertical Test Load	53.4 Kn	12,000 lbs
Lateral Design Load	28.7 Kpa	600 lbs/sq.ft
Lateral Test Load	43.1 Kpa	900 lbs/sq.ft

Tier 15		
Vertical Load Rating	66.7 Kn	15,000 lbs
Vertical Test Load	100.1 Kn	22,500 lbs
Lateral Load Rating	38.3 Kpa	800 lbs/sq.ft.
Lateral Test Rating	57.5 Kpa	1200 lbs/sq.ft

Tier 22 <i>available upon request</i>		
Vertical Load Rating	100.1 Kn	22,500 lbs
Vertical Test Load	150.1 Kn	33,750 lbs
Lateral Load Rating	38.3 Kpa	800 lbs/sq.ft
Lateral Test Rating	57.5 Kpa	1200 lbs/sq.ft

**Quick Specifications**

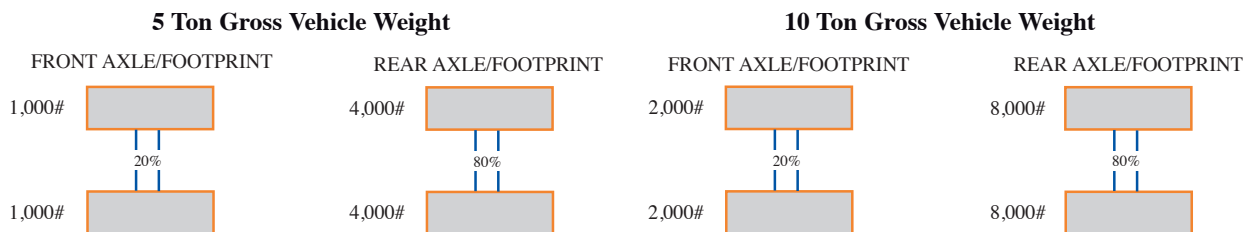
Underground enclosures shall be manufactured by Synertech. Boxes and covers shall be concrete gray and have a minimum vertical test load of 10,000 or 20,000 pounds. Covers shall have a minimum coefficient of friction of .50.

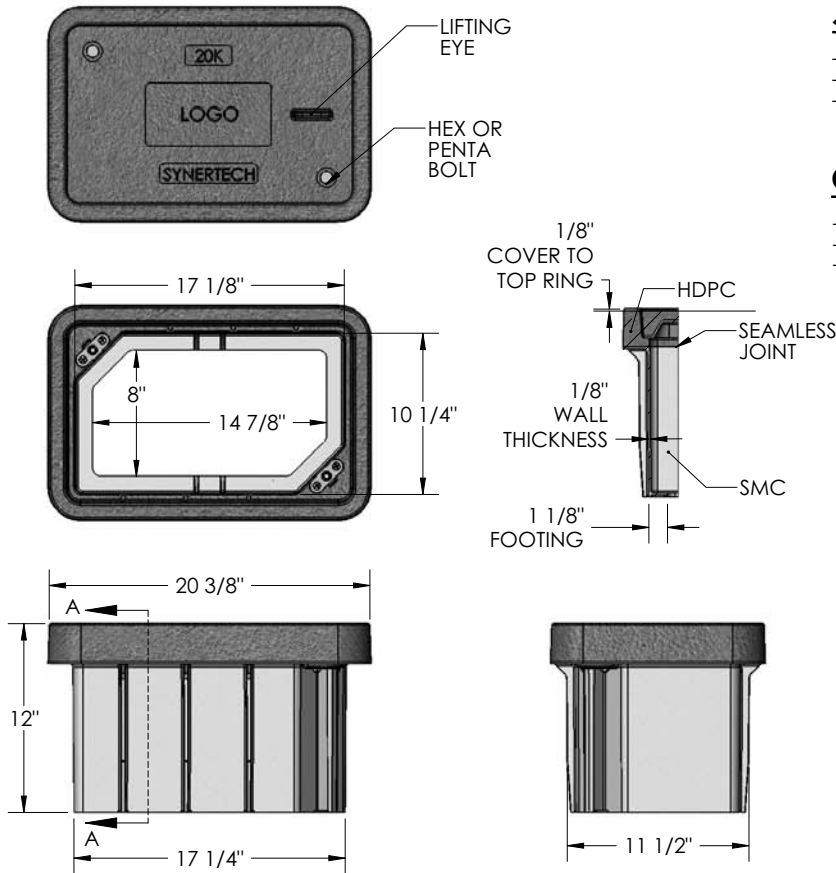
The polymer concrete shall test to a minimum of 20,000 P.S.I. compressive strength and shall be suitable for installation and use through a temperature range of -40° C to +90° C.

Polymer concrete parts shall be produced in steel molds to insure a consistent product.

<b>ASTM C-857</b>					
<b>COVER TYPE</b>	<b>COVER RATINGS</b>	<b>LIVE LOAD</b>	<b>30% SAFETY</b>	<b>TEST LOAD</b>	<b>TEST AREA</b>
<b>Standard</b>	5 Ton GVW (10,000#)	4,000#	5,200#	11,284#	10" x 10"
<i>Synertech Moulded Products 10,000# boxes and covers may be placed in locations that may see occasional non-deliberate light vehicles.</i>					
<b>Heavy Duty</b>	10 Ton GVW (20,000#)	8,000#	10,400#	22,568#	10" x 10"
<i>Synertech 20,000# boxes and covers may be placed in locations that may see occasional non-deliberate heavy vehicles.</i>					
All Synertech covers exceed their rating by at least 20% and exceed ASTM test loads. No polymer concrete box or cover should be placed in a full traffic, H-20, application. Meets W.U.C. 3.6.					
NOTE: Whenever a box and cover is placed in an area where it might be subjected to traffic, a concrete collar is recommended.					

**Example Of Loading**





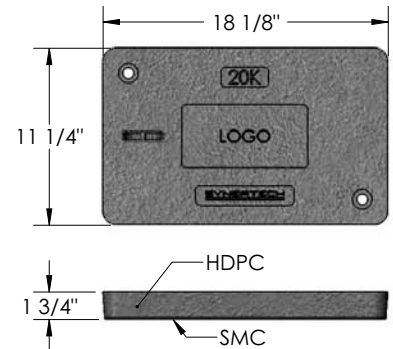
**JUNCTION BOX 11 X 18 X 12**  
 CATALOG NO. S1118B12FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

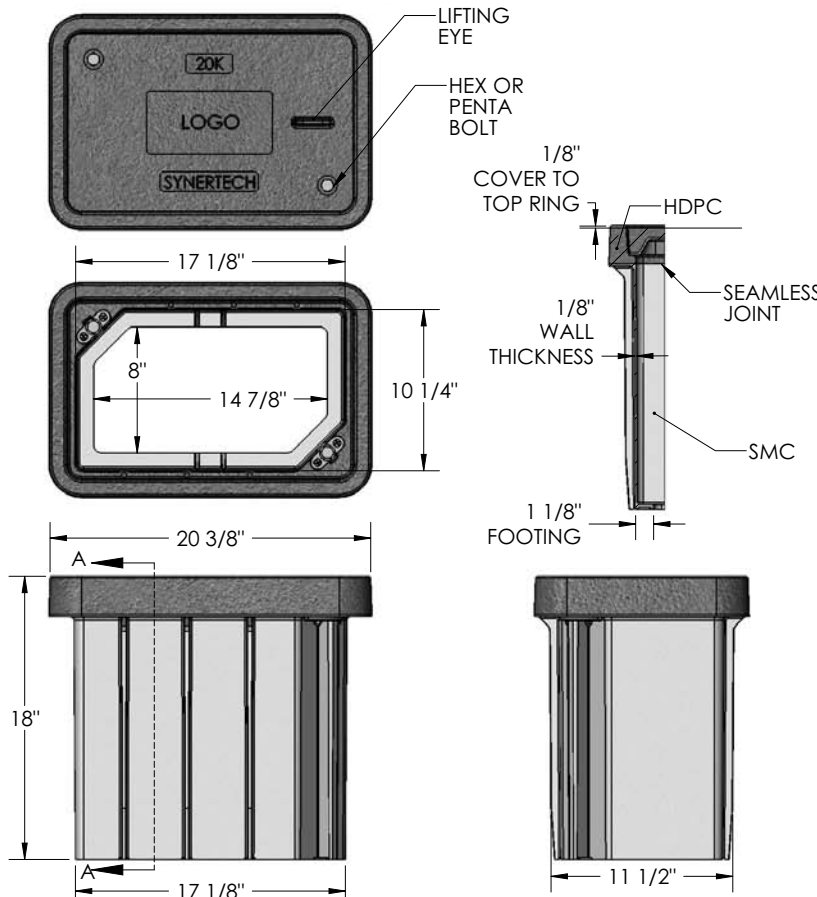


**COVER 11 X 18**  
 CATALOG NO. S1118HBB0A01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1118HBB0A	19 lbs	Cover Bolt Down/Tier 15 - 20K
S1118SB12FA	23 lbs	Box – Open Bottom/12" (305 mm)
S1118BC12FA	24 lbs	Box – Closed Bottom/12" (305 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



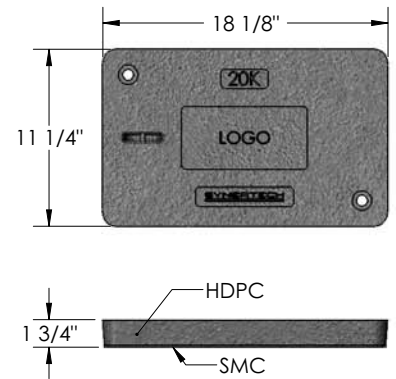
**JUNCTION BOX 11 X 18 X 18**  
 CATALOG NO. S1118B18FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



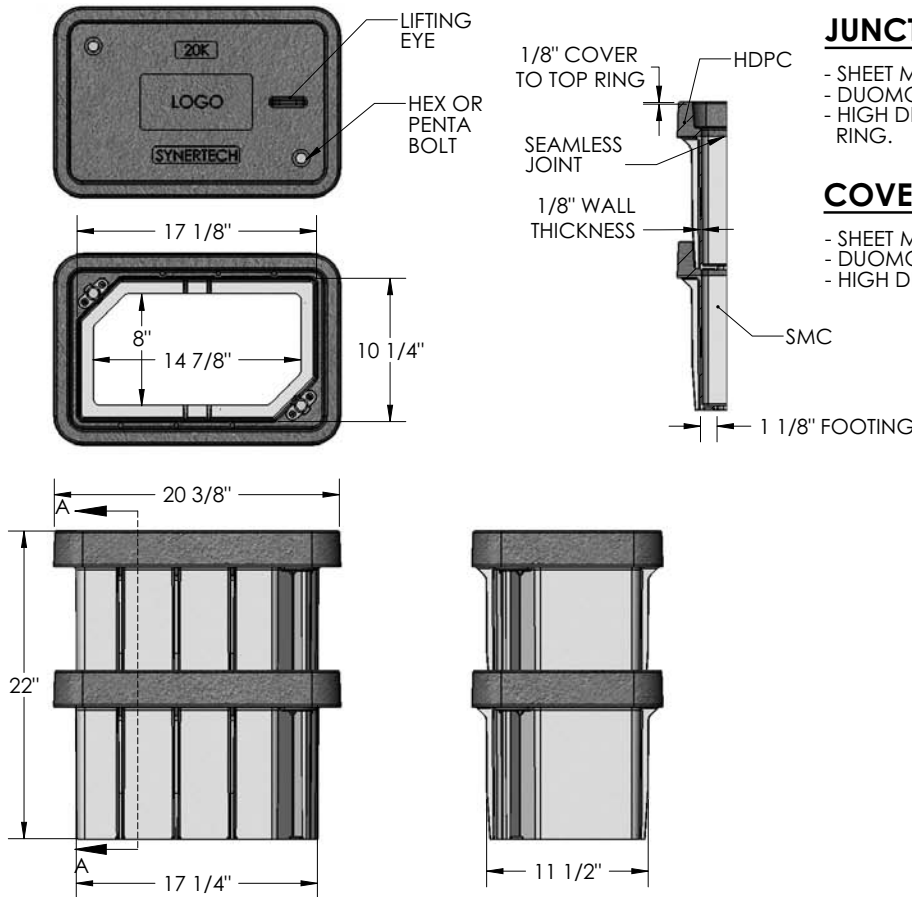
**COVER 11 X 18**  
 CATALOG NO. S1118HBB0A01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1118HBBOA	19 lbs	Cover Bolt Down/Tier 15 - 20K
S1118B18FA	27 lbs	Box – Open Bottom/18" (457 mm)
S1118C18FA	28 lbs	Box – Closed Bottom/18" (457 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards





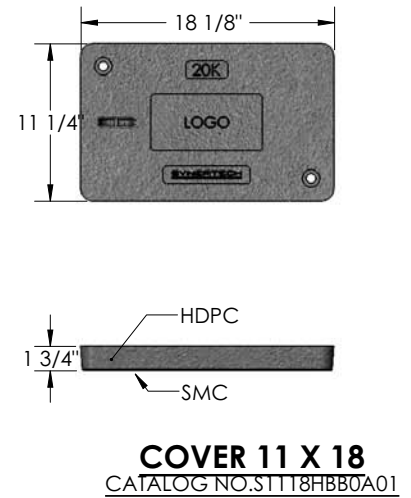
**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

**JUNCTION BOX 11 X 18 X 24**  
 CATALOG NO. S1118B24FA

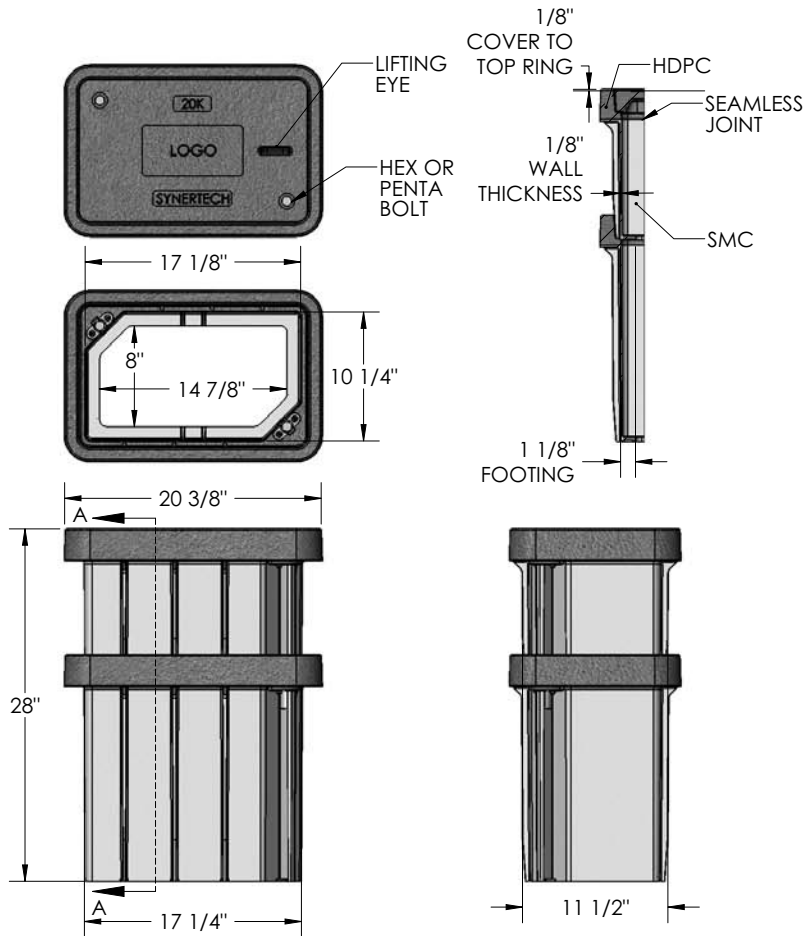


**COVER 11 X 18**  
 CATALOG NO. S1118HBB0A01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1118HBBOA	19 lbs	Cover Bolt Down/Tier 15 - 20K
S1118B24FA	46 lbs	Box – Open Bottom/24" (610 mm)
S1118C24FA	47 lbs	Box – Closed Bottom/24" (610 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



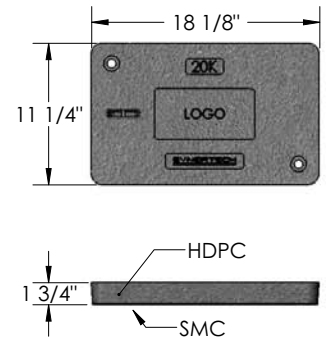
**JUNCTION BOX 11 X 18 X 30**  
 CATALOG NO. S1118B30FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

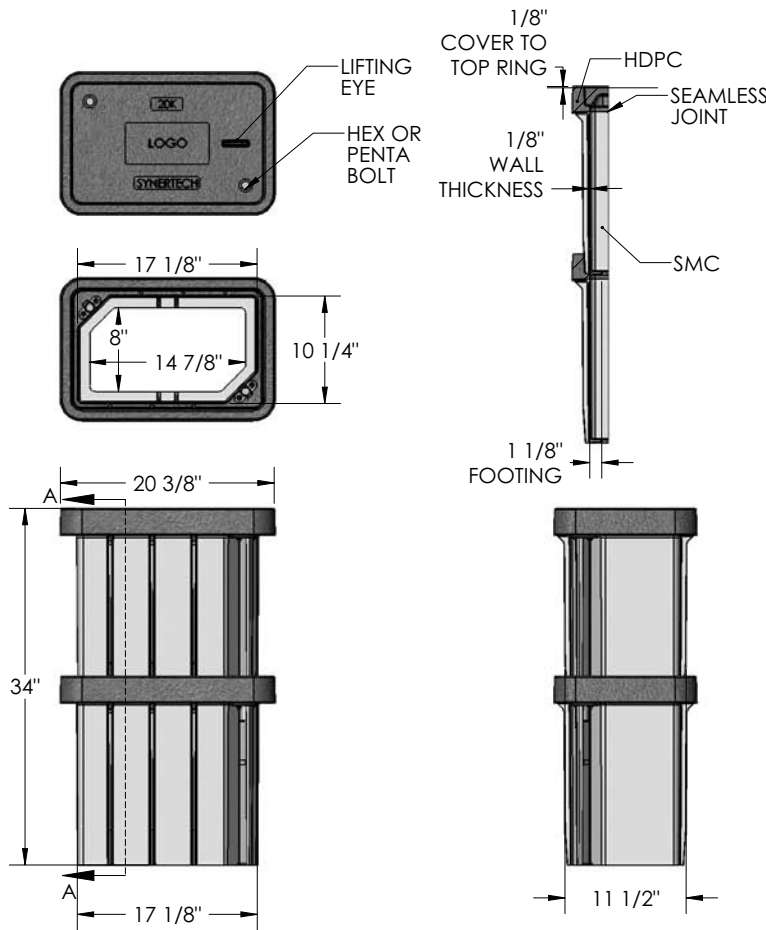


**COVER 11 X 18**  
 CATALOG NO. S1118HBBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1118HBBOA	19 lbs	Cover Bolt Down/Tier 15 - 20K
S1118B30FA	50 lbs	Box – Open Bottom/30" (762 mm)
S1118C30FA	51 lbs	Box – Closed Bottom/30" (762 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



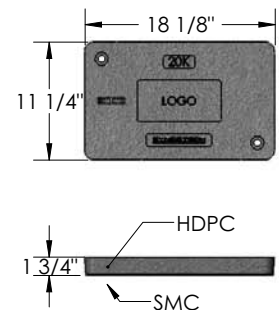
**JUNCTION BOX 11 X 18 X 36**  
 CATALOG NO. S1118B36FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

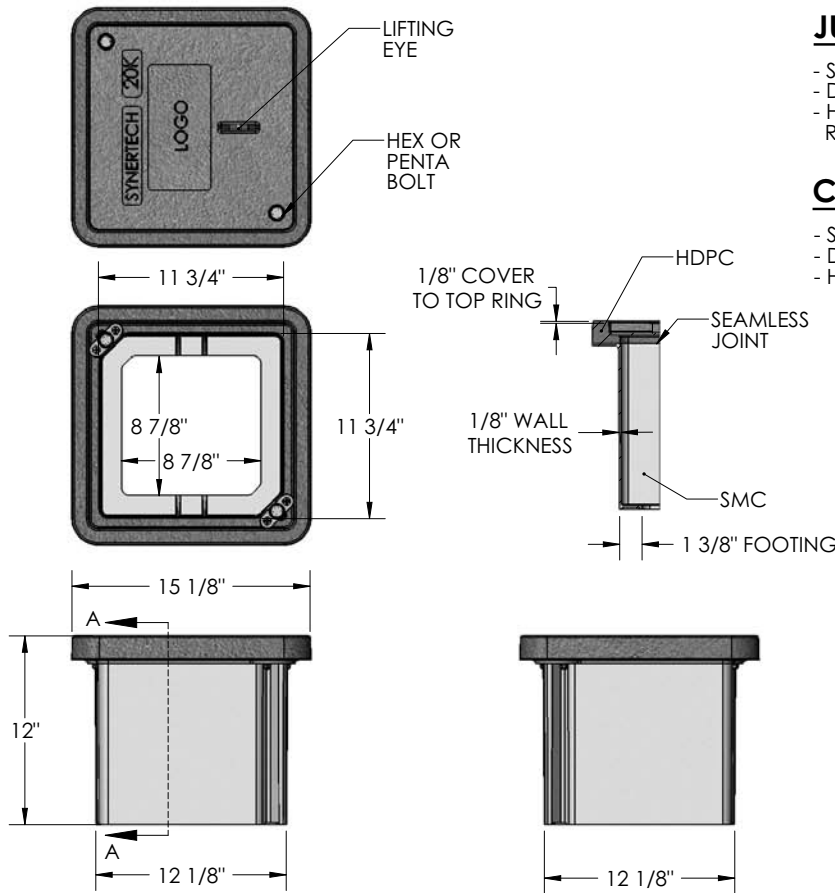


**COVER 11 X 18**  
 CATALOG NO. S1118HBBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1118HBBOA	19 lbs	Cover Bolt Down/Tier 15 - 20K
S1118B36FA	54 lbs	Box – Open Bottom/36" (914 mm)
S1118C36FA	55 lbs	Box – Closed Bottom/36" (914 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



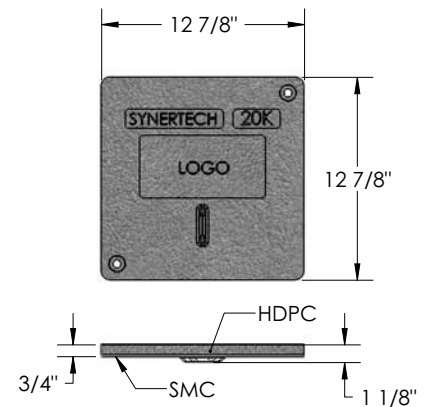
**JUNCTION BOX 12 X 12 X 12**  
 CATALOG NO. S1212B12FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

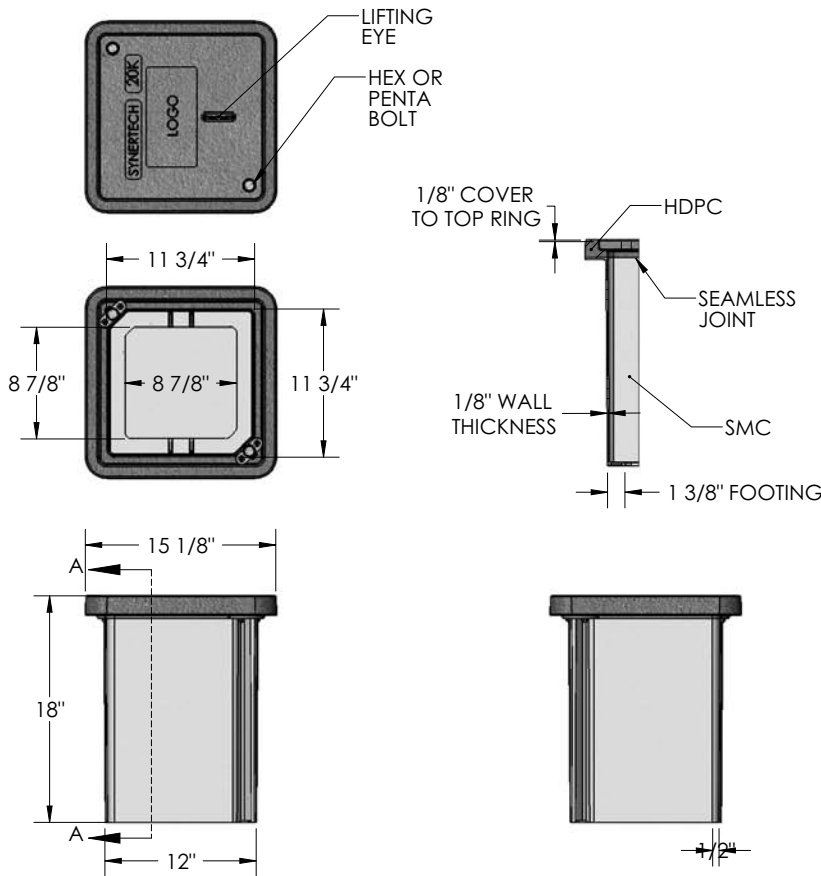


**COVER 12 X 12**  
 CATALOG NO. S1212HFAOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1212HFAOA	11 lbs	Cover Bolt Down/Tier 15 - 20K
S1212B12FA	15 lbs	Box – Open Bottom/12" (305 mm)
S1212C12FA	16 lbs	Box – Closed Bottom/12" (305 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



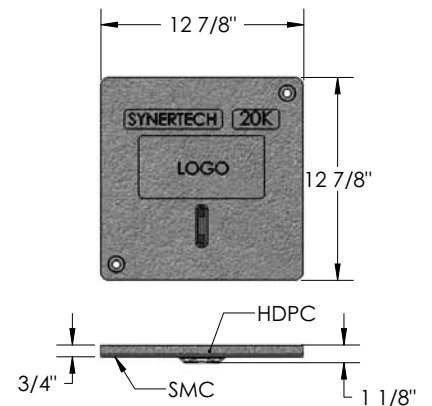
**JUNCTION BOX 12 X 12 X 18**  
 CATALOG NO. S1212B18FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

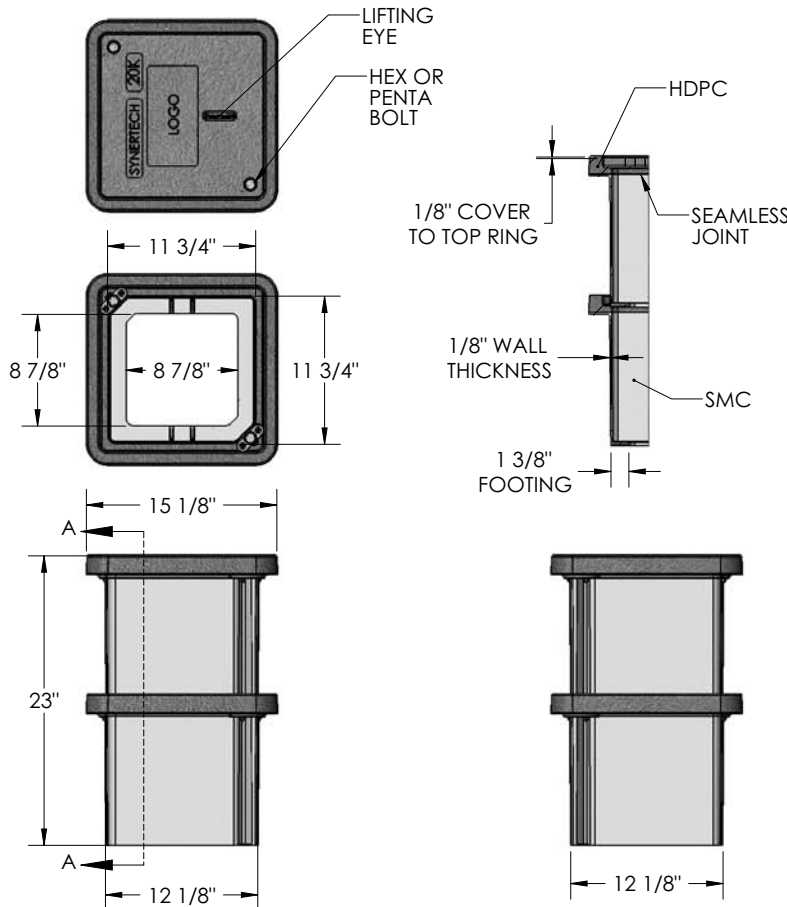


**COVER 12 X 12**  
 CATALOG NO. S1212HFAOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1212HFAOA	11 lbs	Cover Bolt Down/Tier 15 - 20K
S1212B18FA	17 lbs	Box – Open Bottom/18" (457 mm)
S1212C18FA	18 lbs	Box – Closed Bottom/18" (457 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



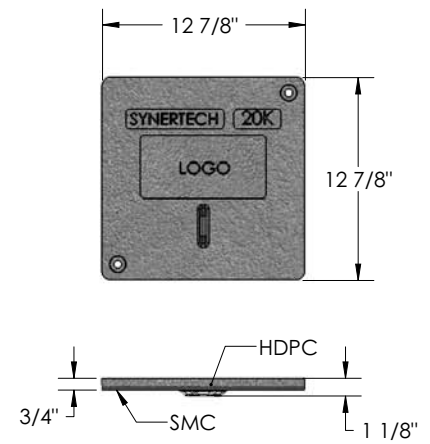
**JUNCTION BOX 12 X 12 X 24**  
 CATALOG NO. S1212B24FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

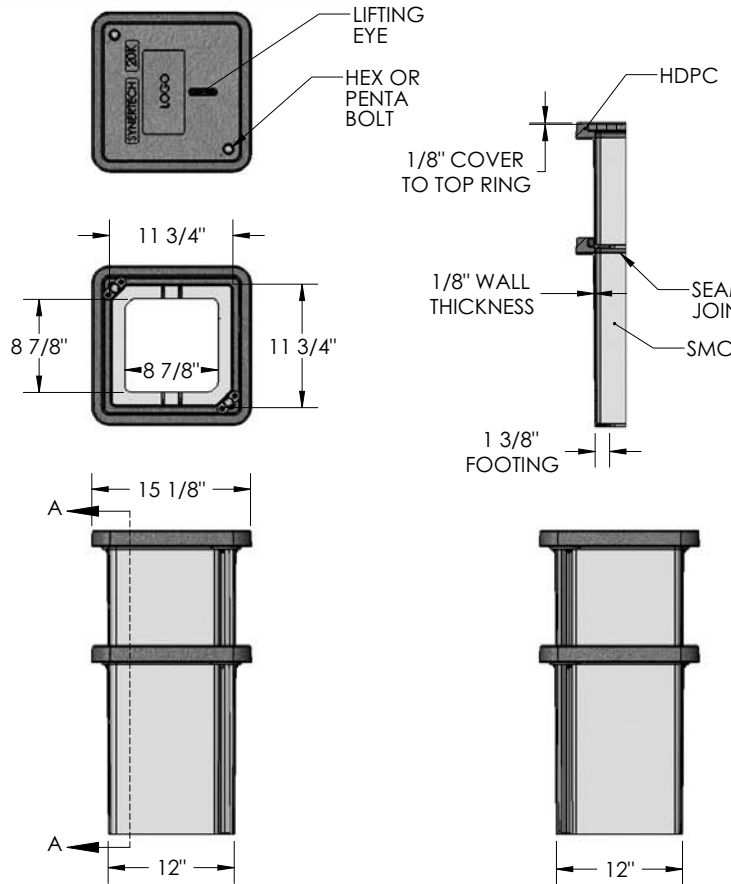


**COVER 12 X 12**  
 CATALOG NO. S1212HFAOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1212HFAOA	11 lbs	Cover Bolt Down/Tier 15 - 20K
S1212B24FA	30 lbs	Box – Open Bottom/24" (610 mm)
S1212C24FA	31 lbs	Box – Closed Bottom/24" (610 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



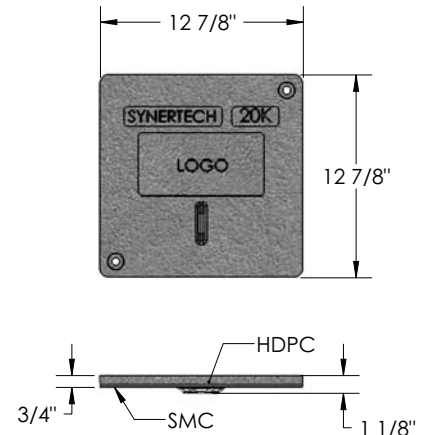
**JUNCTION BOX 12 X 12 X 30**  
 CATALOG NO. S1212B30FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

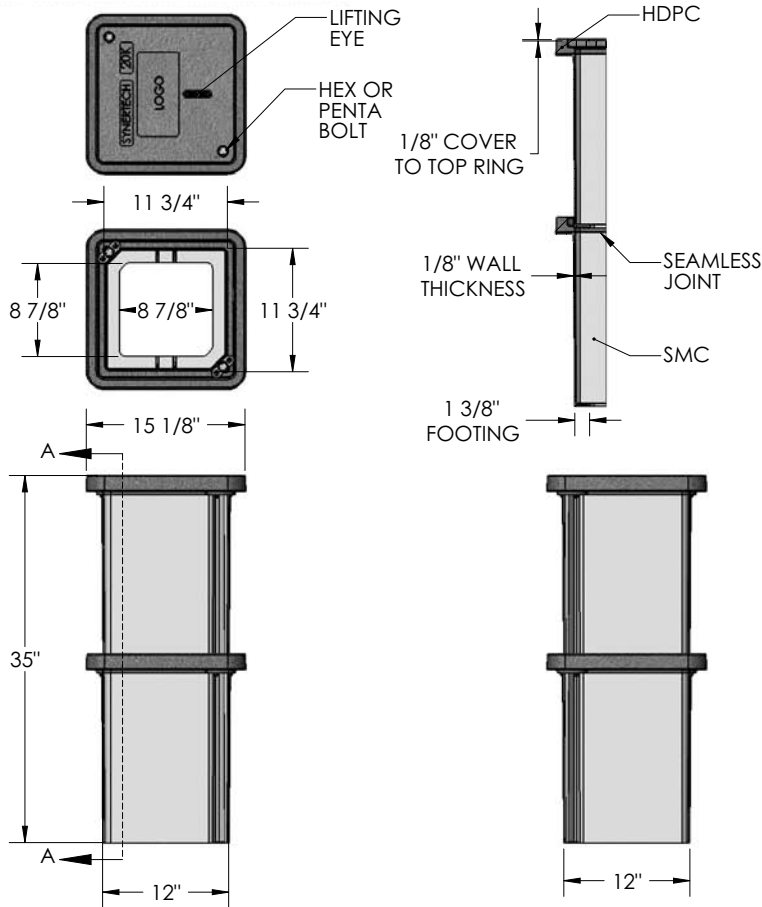


**COVER 12 X 12**  
 CATALOG NO. S1212HFAOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1212HFAOA	11 lbs	Cover Bolt Down/Tier 15 - 20K
S1212B30FA	32 lbs	Box – Open Bottom/30" (762 mm)
S1212C30FA	33 lbs	Box – Closed Bottom/30" (762 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



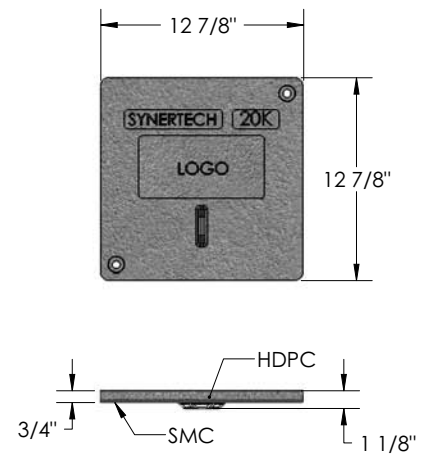
**JUNCTION BOX 12 X 12 X 36**  
 CATALOG NO. S1212B36FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



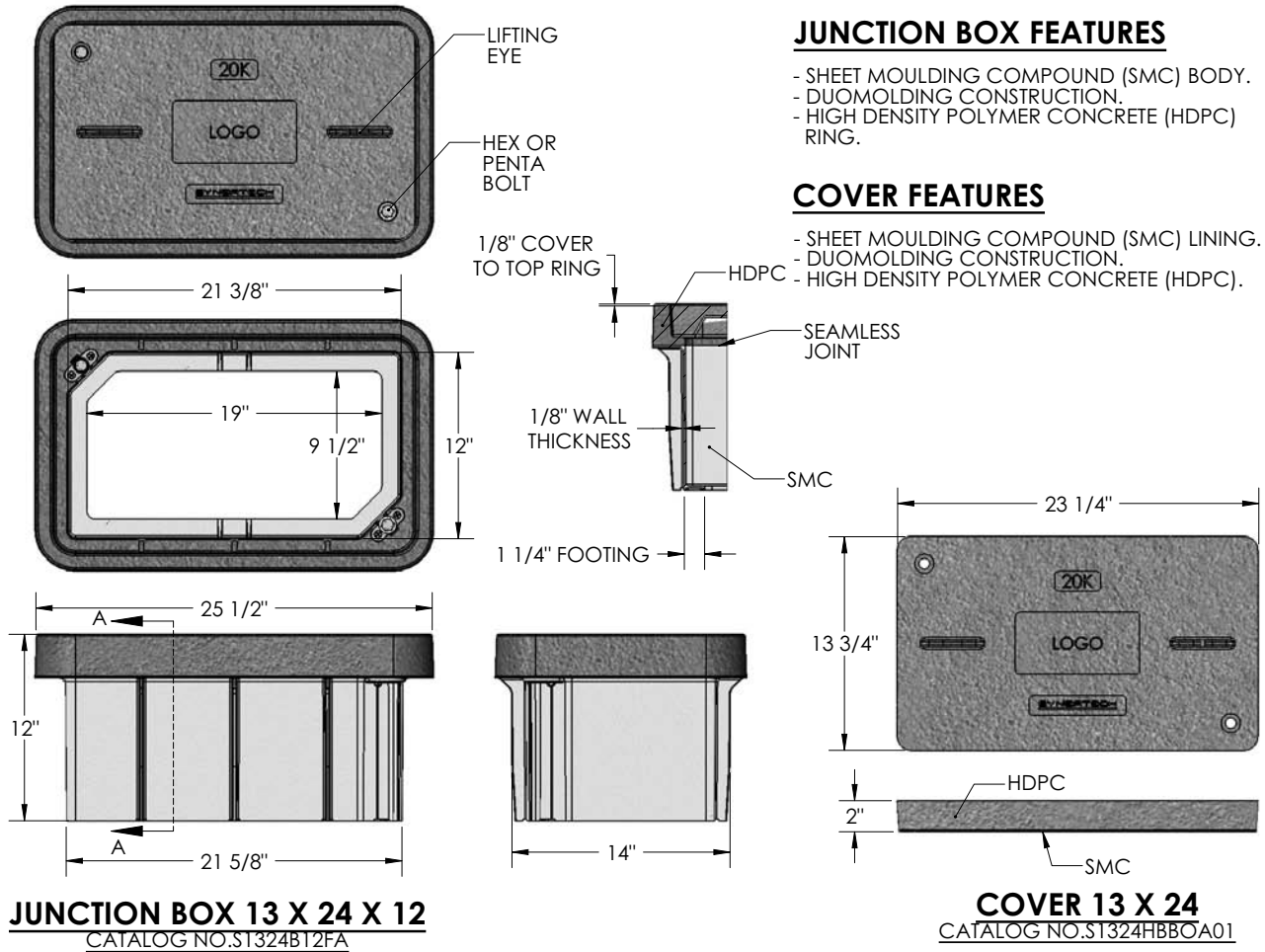
**COVER 12 X 12**  
 CATALOG NO. S1212HFAOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1212HFAOA	11 lbs	Cover Bolt Down/Tier 15 - 20K
S1212B36FA	34 lbs	Box – Open Bottom/36" (914 mm)
S1212C36FA	35 lbs	Box – Closed Bottom/36" (914 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards





**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

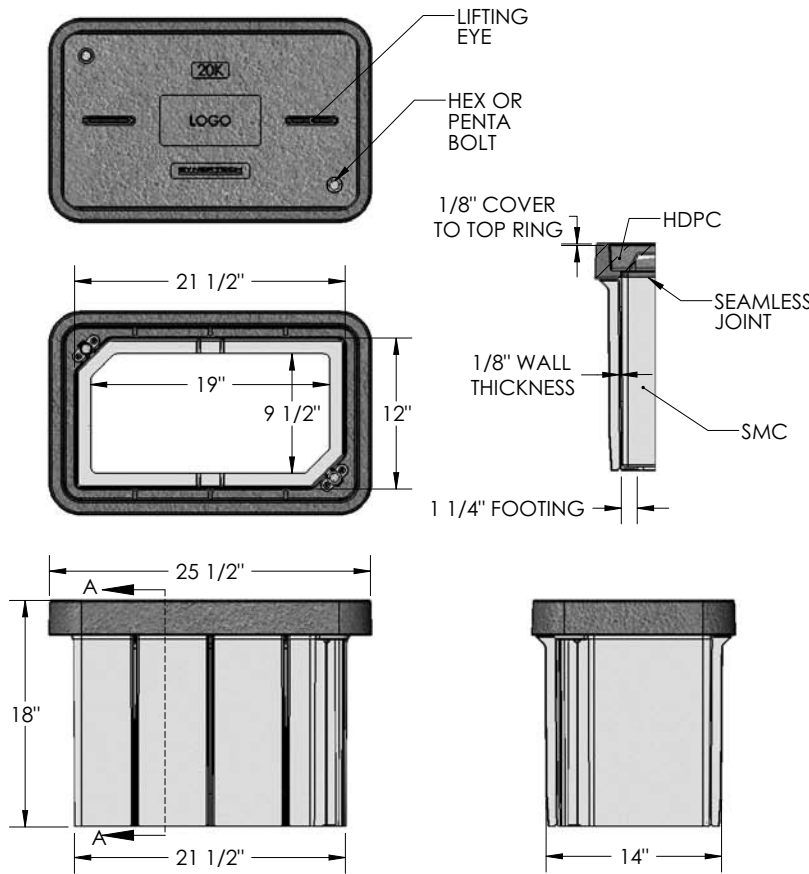
**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1324HBBOA	35 lbs	Cover Bolt Down/Tier 15 - 20K
S1324B12FA	32 lbs	Box – Open Bottom/12" (305 mm)
S1324C12FA	33 lbs	Box – Closed Bottom/12" (305 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



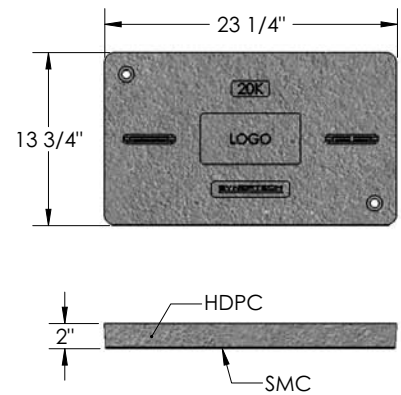
**JUNCTION BOX 13 X 24 X 18**  
 CATALOG NO. S1324B18FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

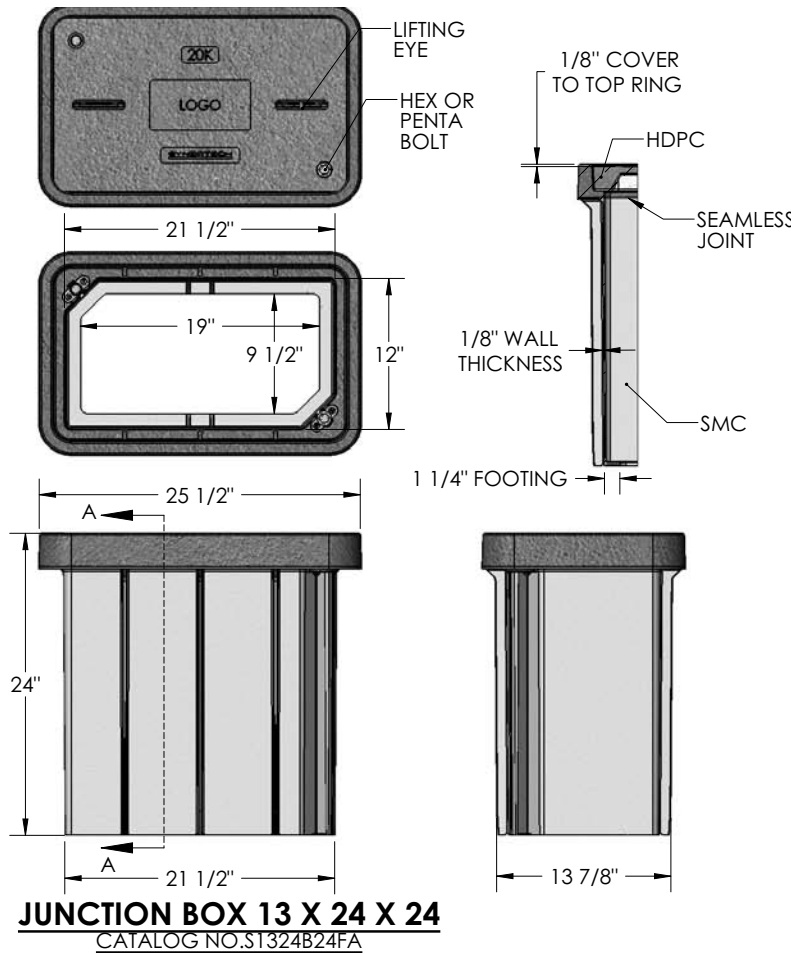


**COVER 13 X 24**  
 CATALOG NO. S1324HBB0A01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1324HBBOA	35 lbs	Cover Bolt Down/Tier 15 - 20K
S1324B18FA	36 lbs	Box – Open Bottom/18" (457 mm)
S1324C18FA	37 lbs	Box – Closed Bottom/18" (457 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards

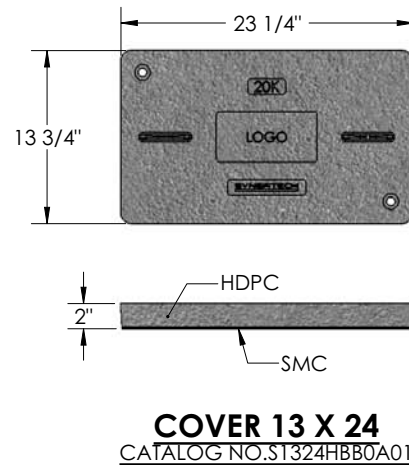


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

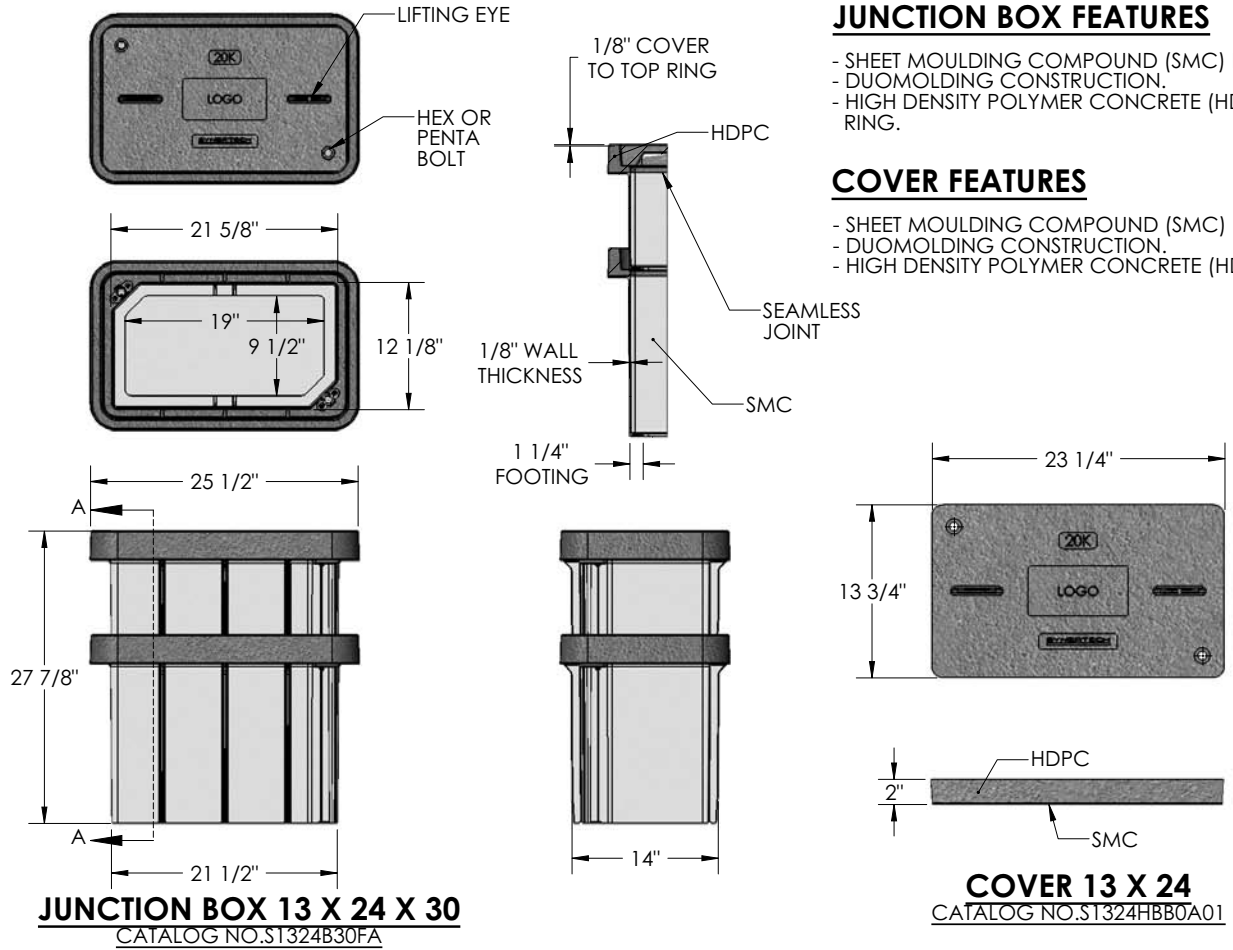
- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1324HBB0A	35 lbs	Cover Bolt Down/Tier 15 - 20K
S1324B24FA	64 lbs	Box – Open Bottom/24" (610 mm)
S1324C24FA	65 lbs	Box – Closed Bottom/24" (610 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

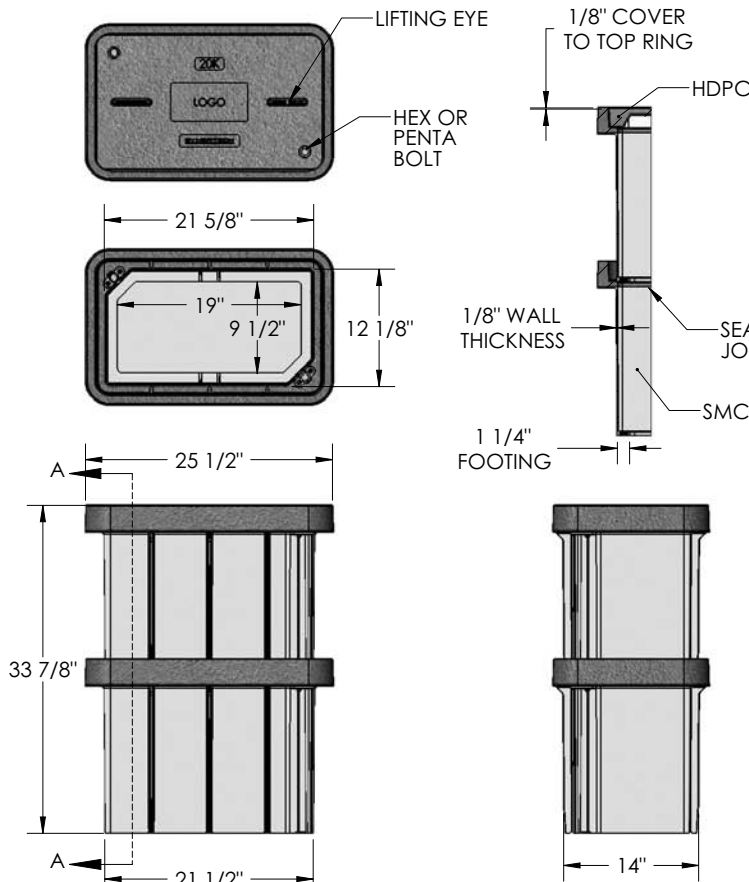
**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1324HBBOA	35 lbs	Cover Bolt Down/Tier 15 - 20K
S1324B30FA	68 lbs	Box – Open Bottom/30" (762 mm)
S1324C30FA	69 lbs	Box – Closed Bottom/30" (762 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



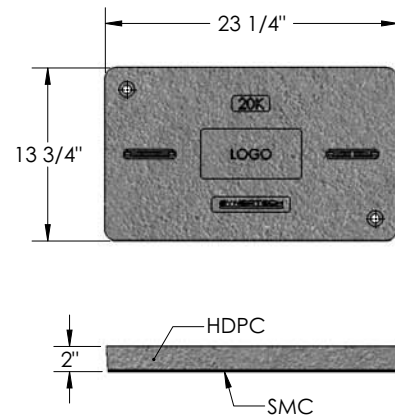
**JUNCTION BOX 13 X 24 X 36**  
 CATALOG NO. S1324B36FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

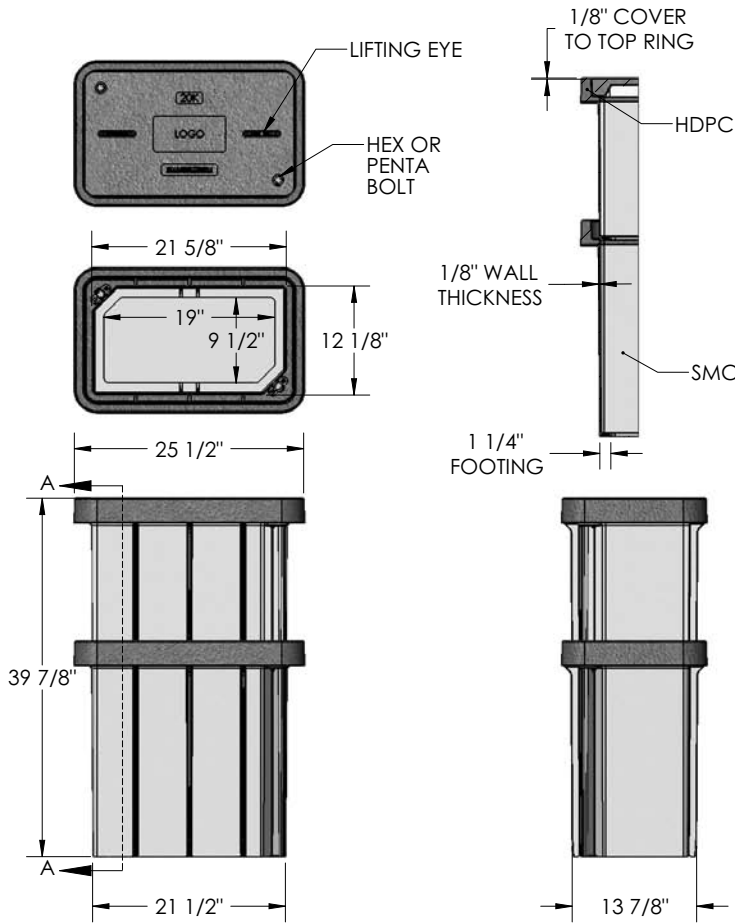


**COVER 13 X 24**  
 CATALOG NO. S1324HBB0A01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1324HBB0A	35 lbs	Cover Bolt Down/Tier 15 - 20K
S1324B36FA	72 lbs	Box – Open Bottom/36" (914 mm)
S1324C36FA	73 lbs	Box – Closed Bottom/36" (914 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



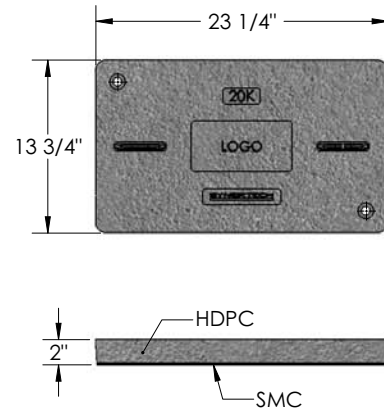
**JUNCTION BOX 13 X 24 X 42**  
 CATALOG NO. S1324B42FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

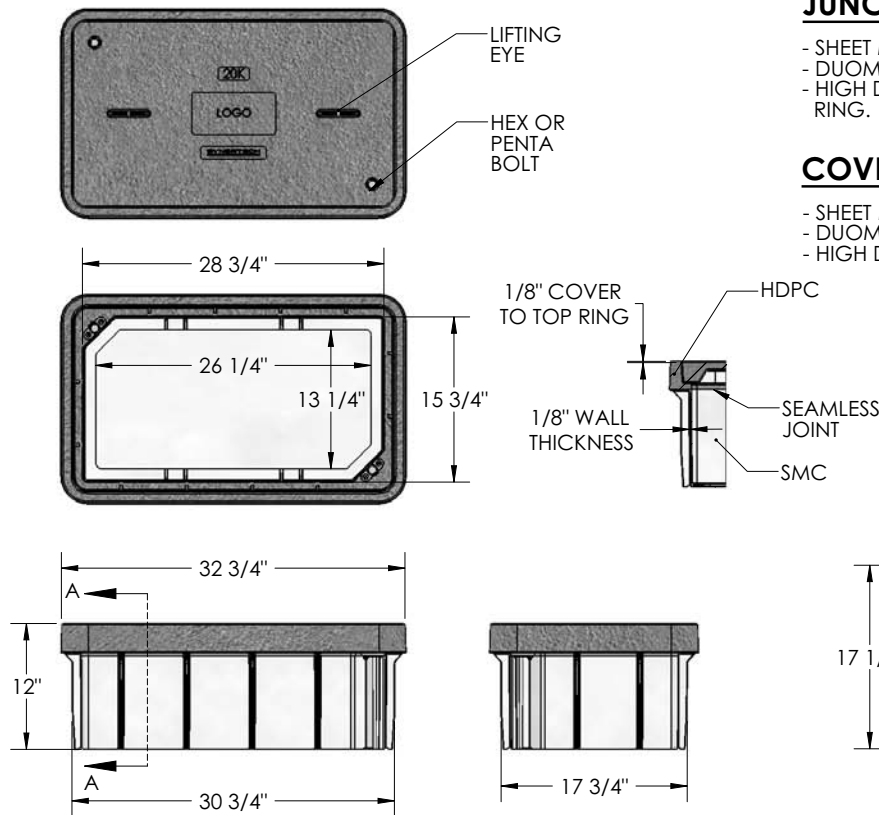


**COVER 13 X 24**  
 CATALOG NO. S1324HBB0A01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1324HBB0A	35 lbs	Cover Bolt Down/Tier 15 - 20K
S1324B42FA	76 lbs	Box – Open Bottom/42" (1067 mm)
S1324C42FA	77 lbs	Box – Closed Bottom/42" (1067 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



**JUNCTION BOX FEATURES**

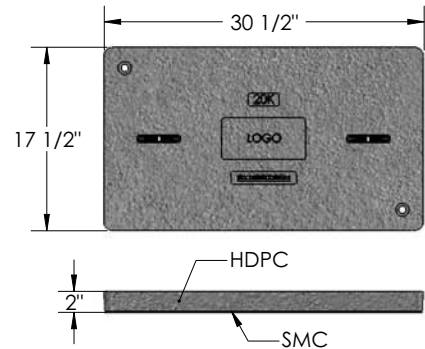
- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

**JUNCTION BOX 17 X 30 X 12**

CATALOG NO.S1730B12FA



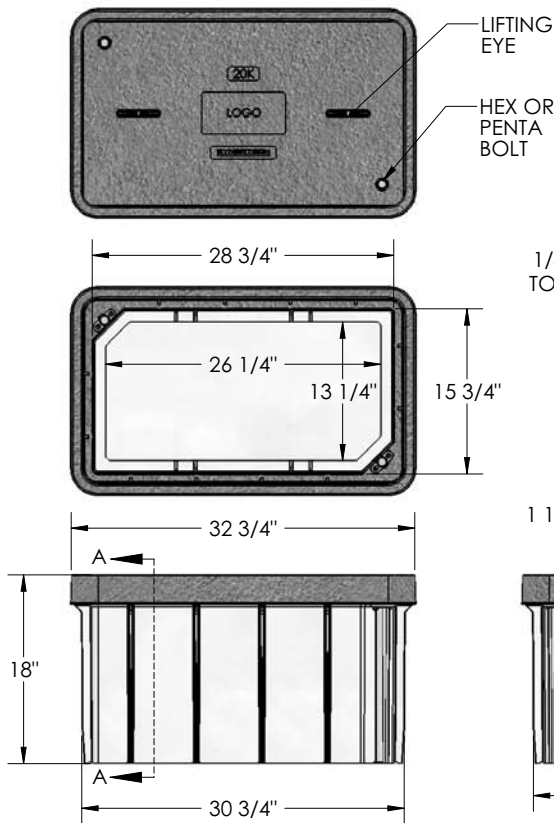
**COVER 17 X 30**

CATALOG NO.S1730HBBOA01

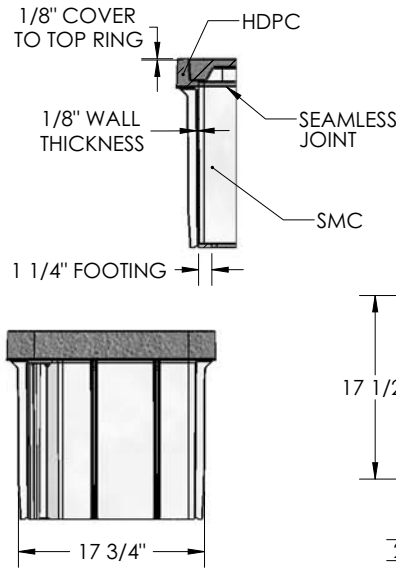
For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1730HBBOA	55 lbs	Cover Bolt Down/Tier 15 - 20K
S1730B12FA	42 lbs	Box – Open Bottom/12" (305 mm)
S1730C12FA	43 lbs	Box – Closed Bottom/12" (305 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



**JUNCTION BOX 17 X 30 X 18**  
 CATALOG NO. S1730B18FA

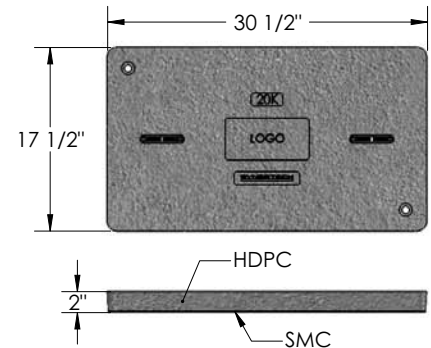


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



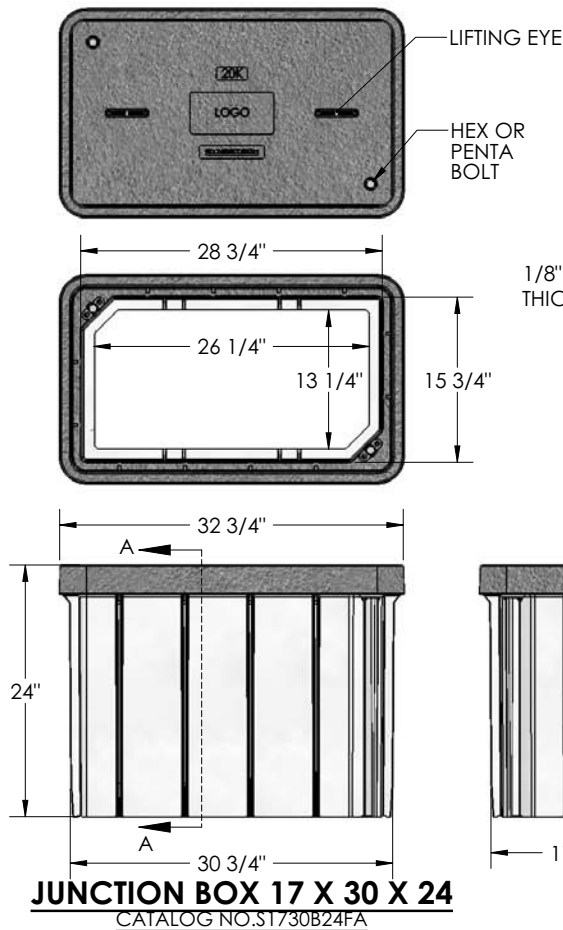
**COVER 17 X 30**  
 CATALOG NO. S1730HBBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1730HBBOA	55 lbs	Cover Bolt Down/Tier 15 - 20K
S1730B18FA	48 lbs	Box – Open Bottom/18" (457 mm)
S1730C18FA	49 lbs	Box – Closed Bottom/18" (457 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



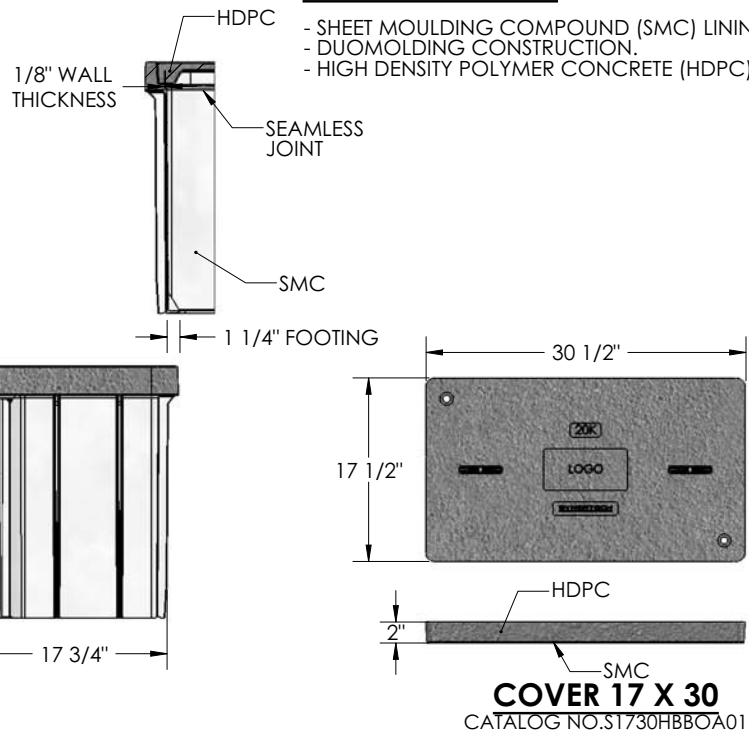


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

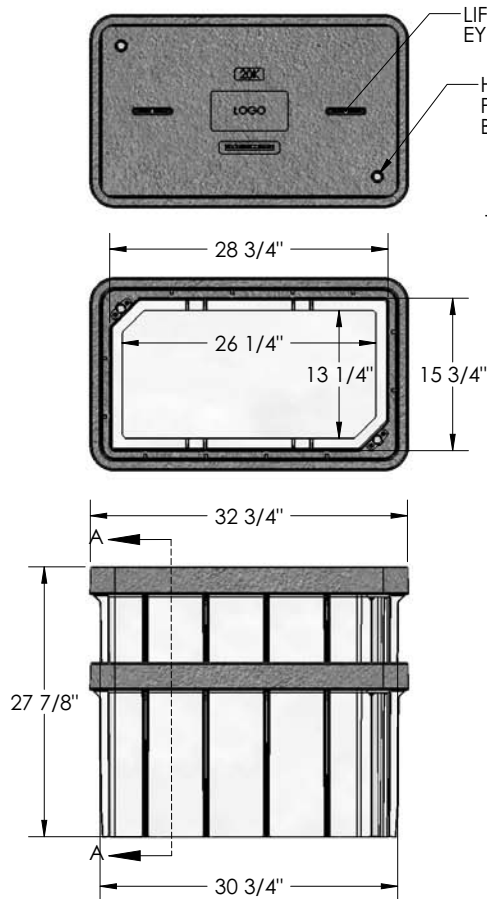
- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



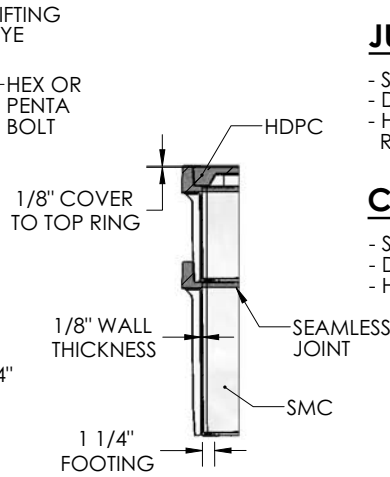
For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1730HBBOA	55 lbs	Cover Bolt Down/Tier 15 - 20K
S1730B24FA	54 lbs	Box – Open Bottom/24" (610 mm)
S1730C24FA	55 lbs	Box – Closed Bottom/24" (610 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



**JUNCTION BOX 17 X 30 X 30**  
 CATALOG NO. S1730B30FA

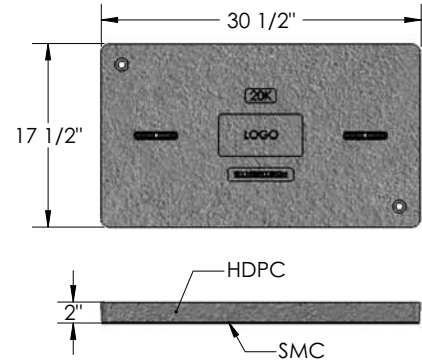


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

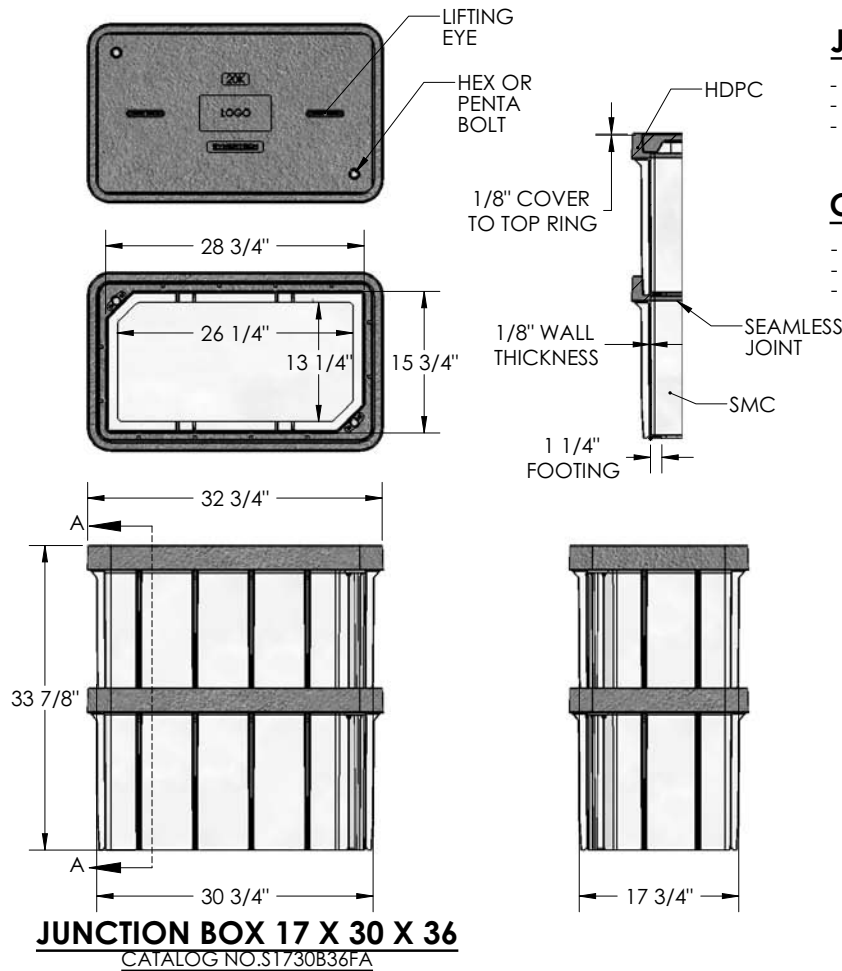


**COVER 17 X 30**  
 CATALOG NO. S1730HBBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1730HBBOA	55 lbs	Cover Bolt Down/Tier 15 - 20K
S1730B30FA	90 lbs	Box – Open Bottom/30" (762 mm)
S1730C30FA	91 lbs	Box – Closed Bottom/30" (762 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards

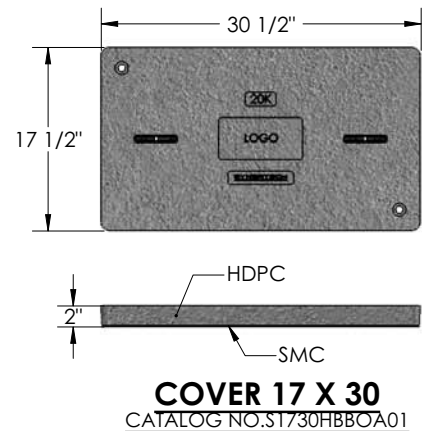


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

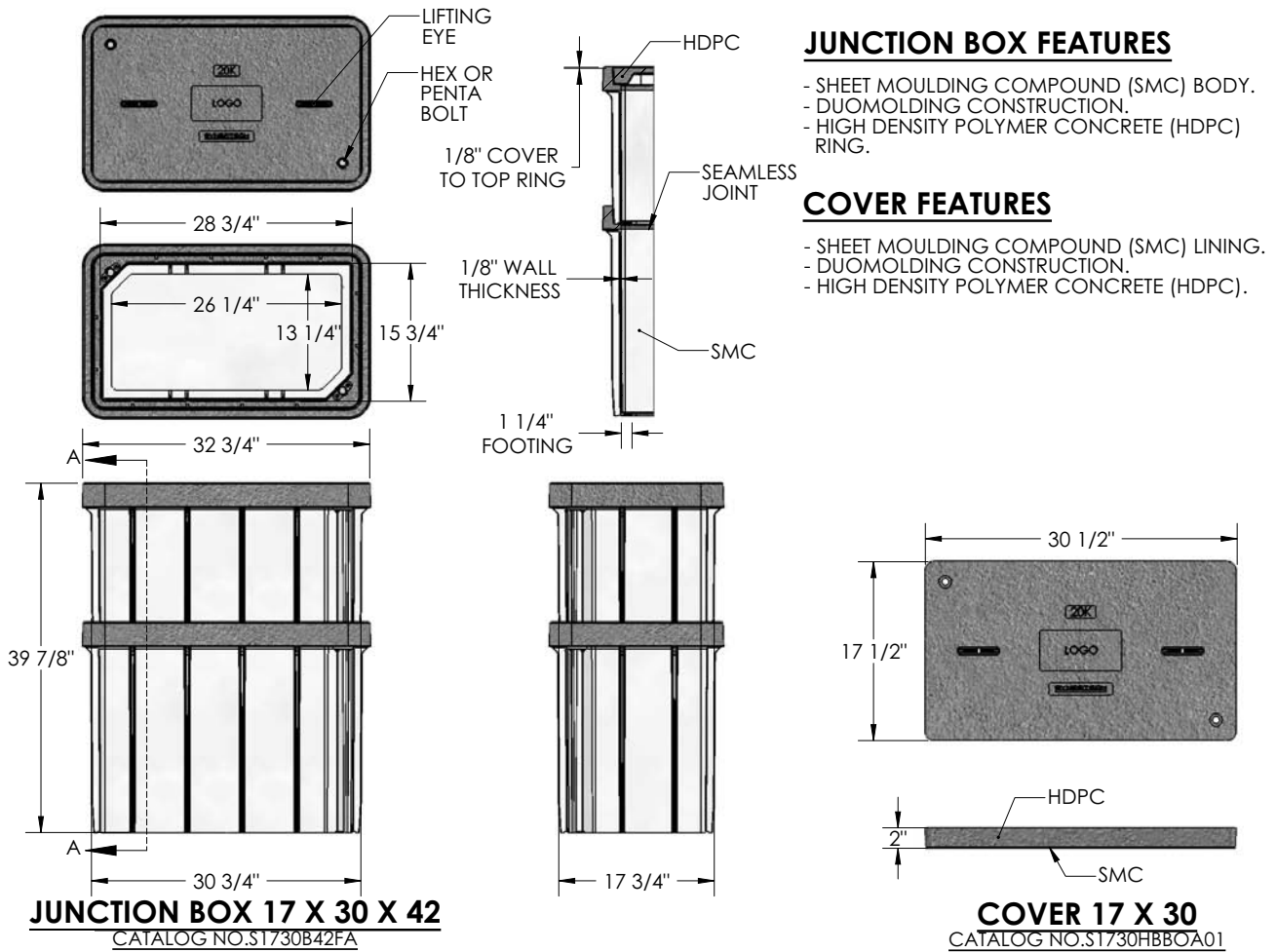


For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1730HBBOA	55 lbs	Cover Bolt Down/Tier 15 - 20K
S1730B36FA	96 lbs	Box – Open Bottom/36" (914 mm)
S1730C36FA	97 lbs	Box – Closed Bottom/36" (914 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

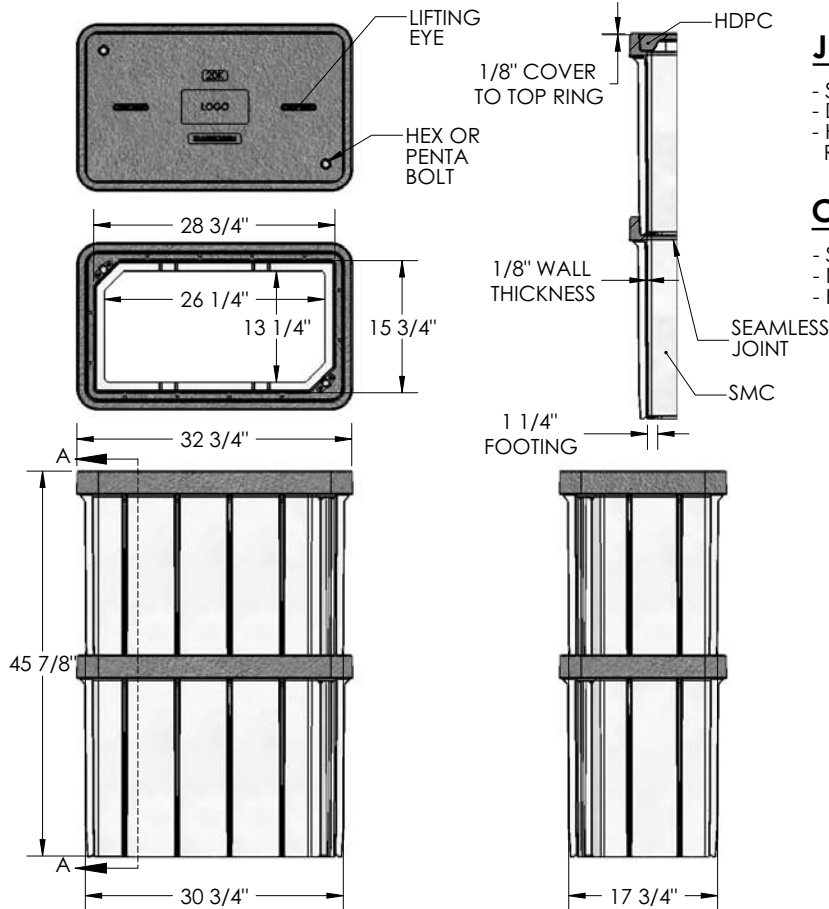
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1730HBBOA	55 lbs	Cover Bolt Down/Tier 15 - 20K
S1730B42FA	102 lbs	Box – Open Bottom/42" (1067 mm)
S1730C42FA	103 lbs	Box – Closed Bottom/42" (1067 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



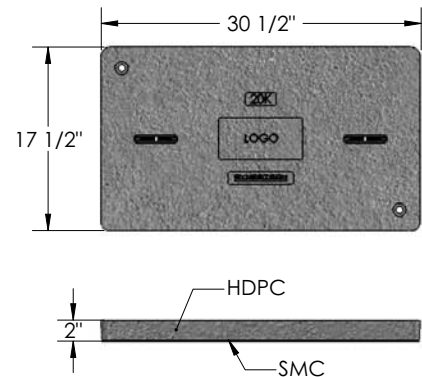
**JUNCTION BOX 17 X 30 X 48**  
 CATALOG NO. S1730B48FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

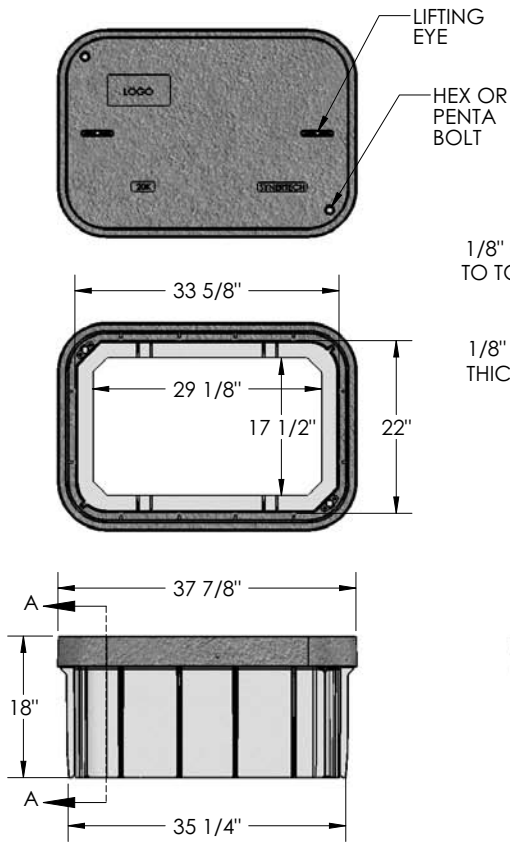


**COVER 17 X 30**  
 CATALOG NO. S1730HBBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S1730HBBOA	55 lbs	Cover Bolt Down/Tier 15 - 20K
S1730B48FA	108 lbs	Box – Open Bottom/48" (1219 mm)
S1730C48FA	109 lbs	Box – Closed Bottom/48" (1219 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



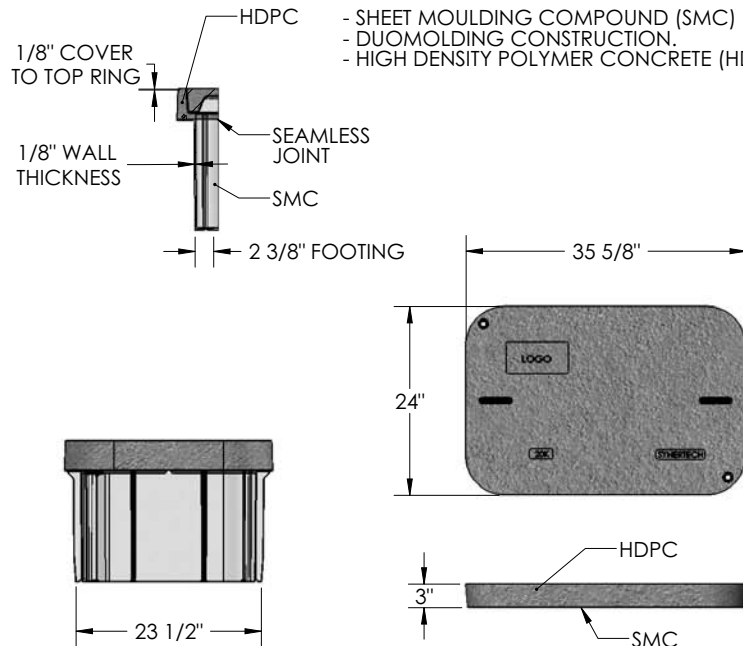
**JUNCTION BOX 24 X 36 X 18**  
 CATALOG NO. S2436B18FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

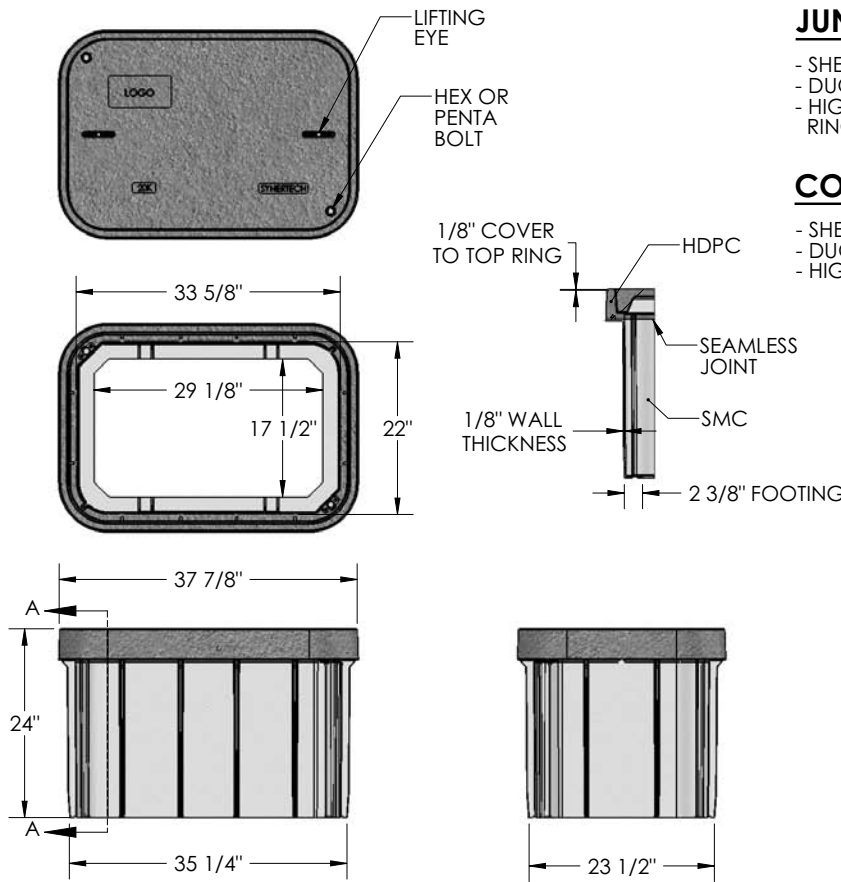


**COVER 24 X 36**  
 CATALOG NO. S2436HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S2436HCBOA	131 lbs	Cover Bolt Down/Tier 15 - 20K
S2436B18FA	80 lbs	Box – Open Bottom/18" (457 mm)
S2436C18FA	82 lbs	Box – Closed Bottom/18" (457 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



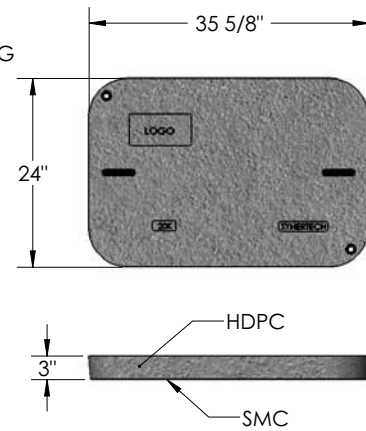
**JUNCTION BOX 24 X 36 X 24**  
 CATALOG NO. S2436B24FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

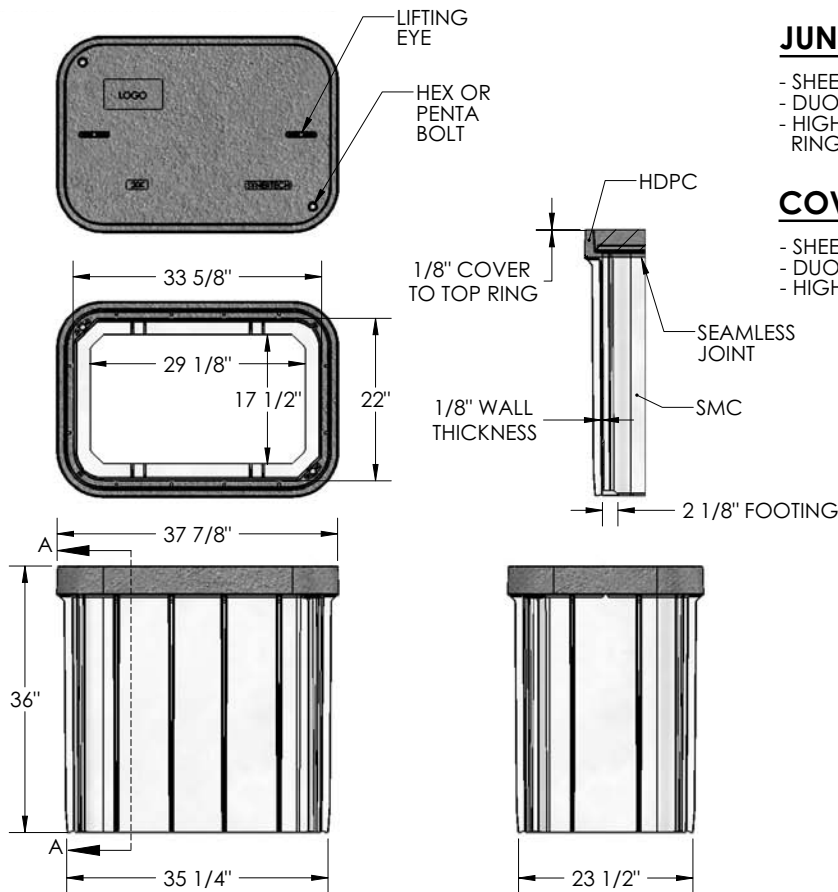


**COVER 24 X 36**  
 CATALOG NO. S2436HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S2436HCBOA	131 lbs	Cover Bolt Down/Tier 15 - 20K
S2436B24FA	90 lbs	Box – Open Bottom/24" (610 mm)
S2436C24FA	92 lbs	Box – Closed Bottom/24" (610 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



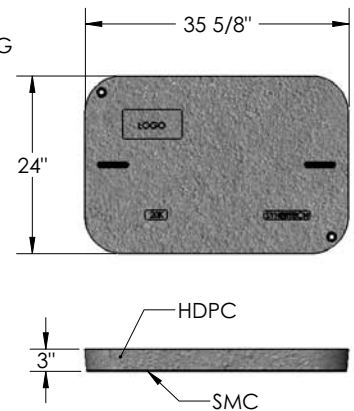
**JUNCTION BOX 24 X 36 X 36**  
 CATALOG NO. S2436B36FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



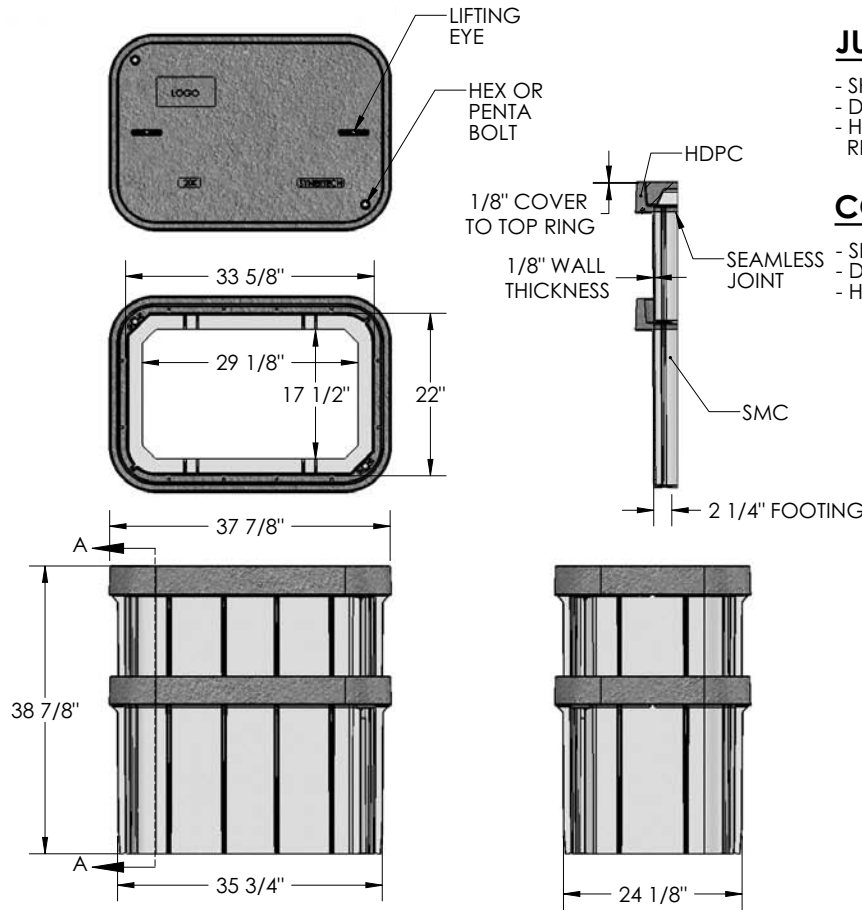
**COVER 24 X 36**  
 CATALOG NO. S2436HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S2436HCBOA	131 lbs	Cover Bolt Down/Tier 15 - 20K
S2436B36FA	112 lbs	Box – Open Bottom/36" (914 mm)
S2436C36FA	114 lbs	Box – Closed Bottom/36" (914 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards





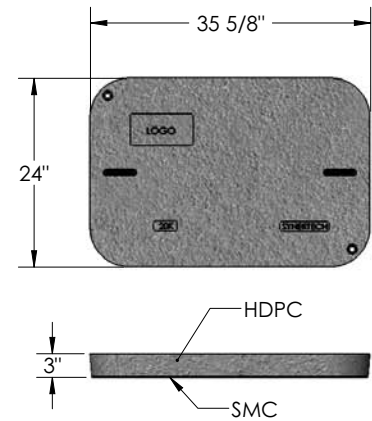
**JUNCTION BOX 24 X 36 X 42**  
 CATALOG NO.S2436B42FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

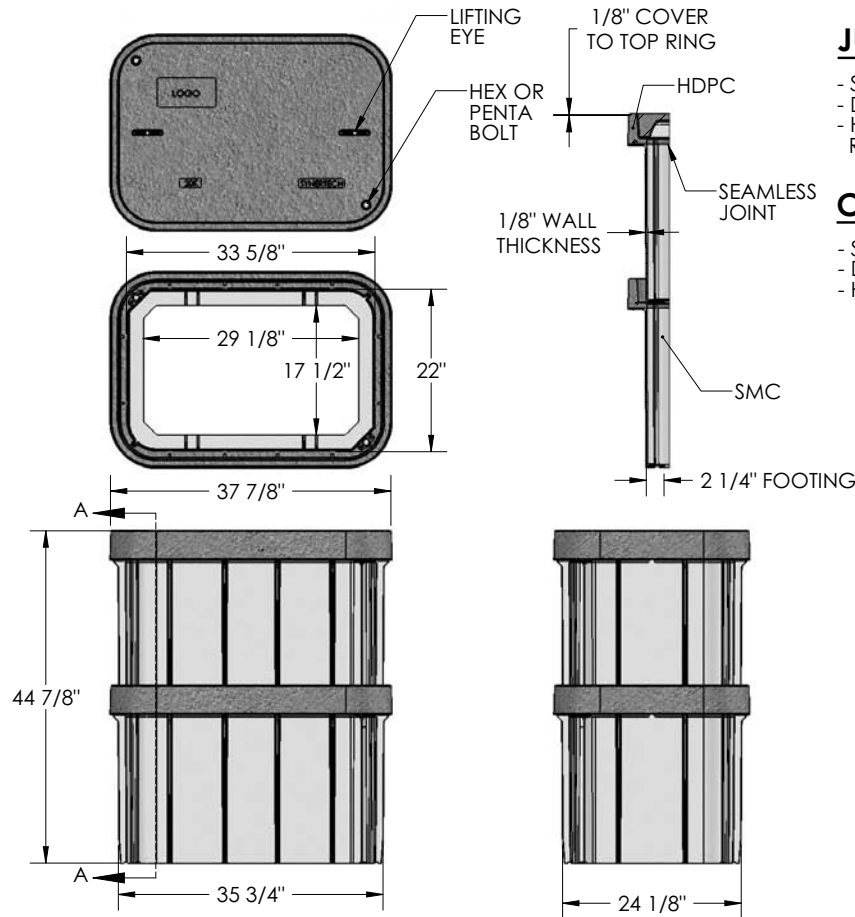


**COVER 24 X 36**  
 CATALOG NO.S2436HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S2436HCBOA	131 lbs	Cover Bolt Down/Tier 15 - 20K
S2436B42FA	170 lbs	Box – Open Bottom/42" (1067 mm)
S2436C42FA	172 lbs	Box – Closed Bottom/42" (1067 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards

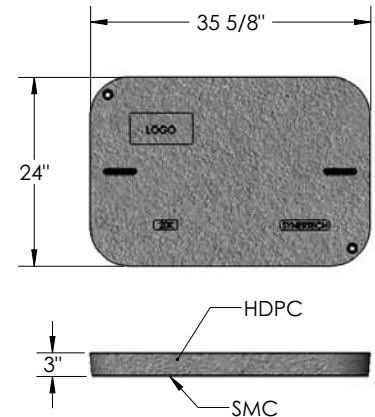


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



**JUNCTION BOX 24 X 36 X 48**

CATALOG NO.S2436B48FA

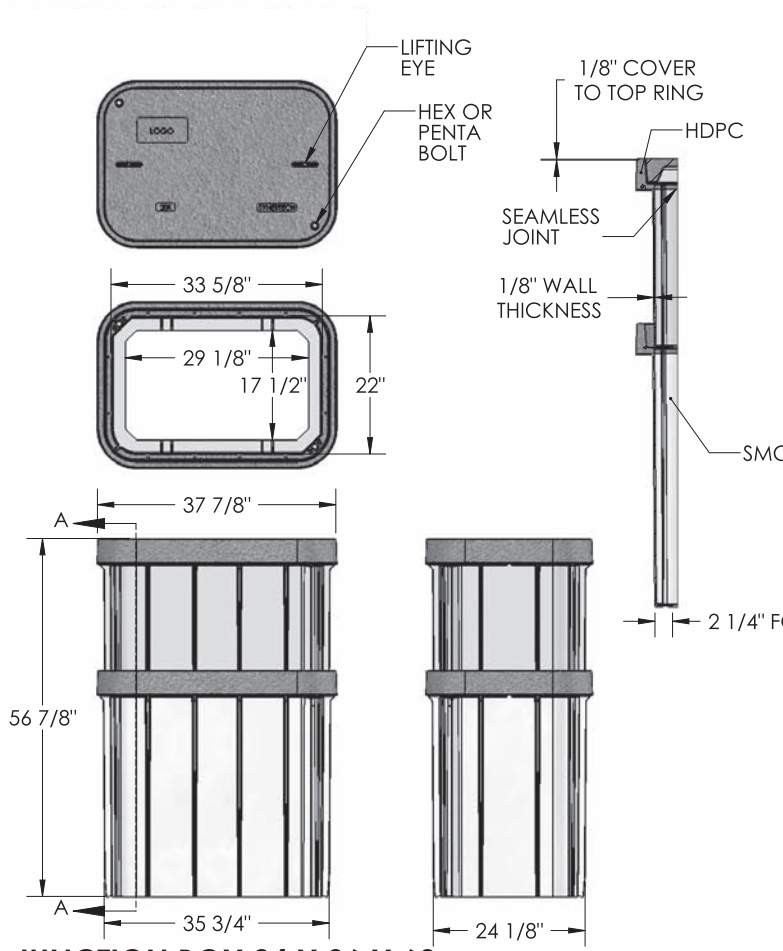
**COVER 24 X 36**

CATALOG NO.S2436HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S2436HCBOA	131 lbs	Cover Bolt Down/Tier 15 - 20K
S2436B48FA	180 lbs	Box – Open Bottom/48" (1219 mm)
S2436C48FA	182 lbs	Box – Closed Bottom/48" (1219 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



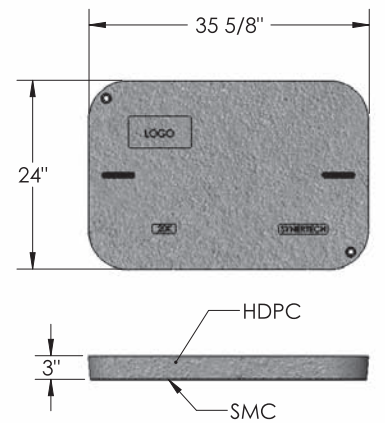
**JUNCTION BOX 24 X 36 X 60**  
 CATALOG NO. S2436B60FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



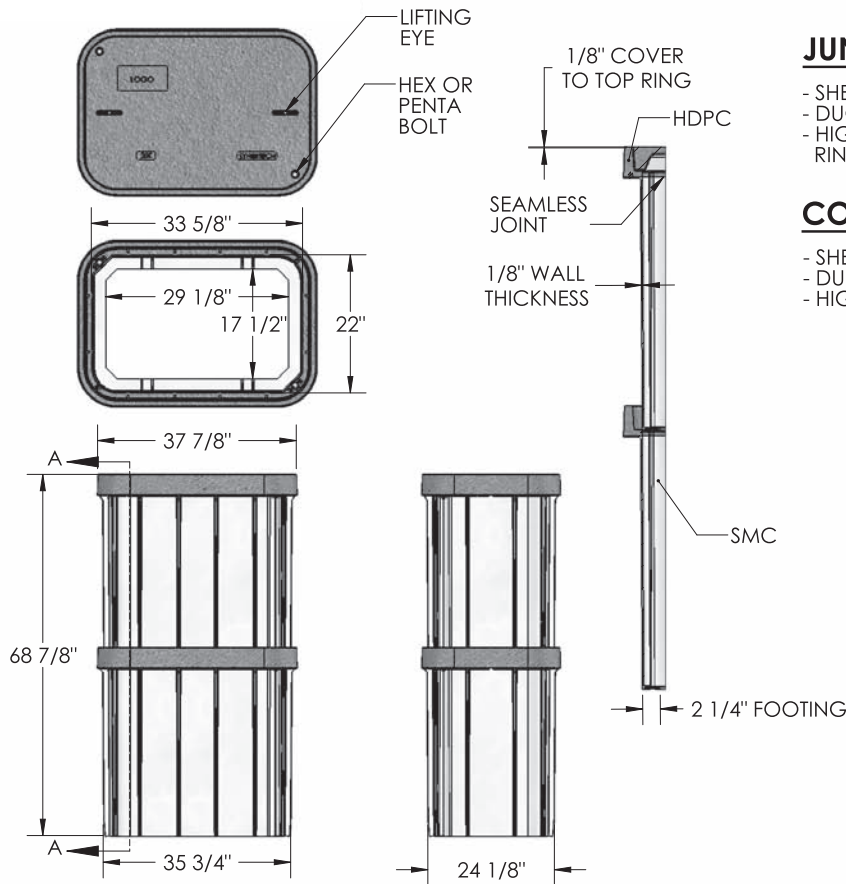
**COVER 24 X 36**  
 CATALOG NO. S2436HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S2436HCBOA	131 lbs	Cover Bolt Down/Tier 15 - 20K
S2436B60FA	202 lbs	Box – Open Bottom/60" (1524 mm)
S2436C60FA	204 lbs	Box – Closed Bottom/60" (1524 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



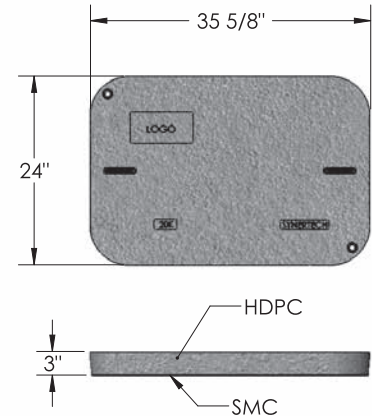


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



**COVER 24 X 36**

CATALOG NO. S2436HCBOA01

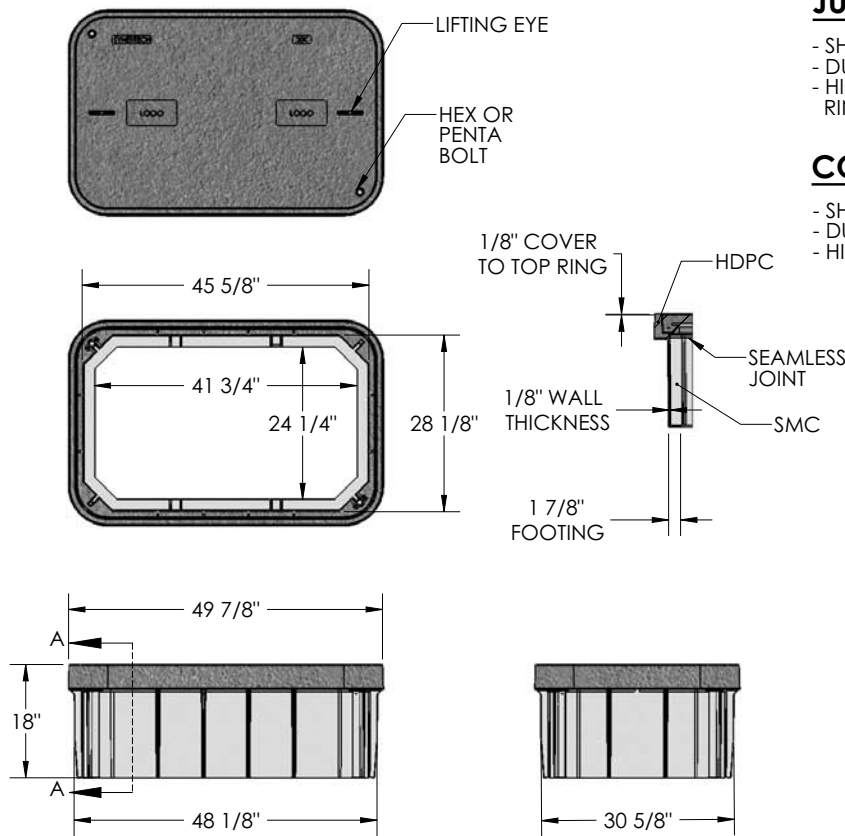
**JUNCTION BOX 24 X 36 X 72**

CATALOG NO. S2436B72FA

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S2436HCBOA	131 lbs	Cover Bolt Down/Tier 15 - 20K
S2436B72FA	224 lbs	Box – Open Bottom/72" (1829 mm)
S2436C72FA	226 lbs	Box – Closed Bottom/72" (1829 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



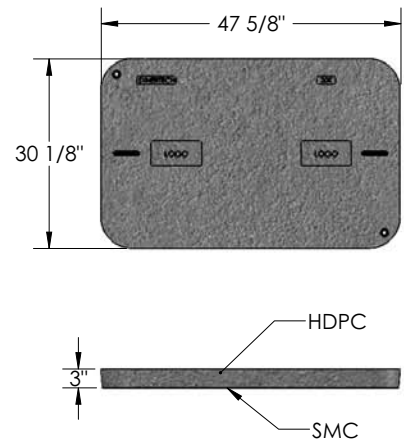
**JUNCTION BOX 30 X 48 X 18**  
 CATALOG NO. S3048B18FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

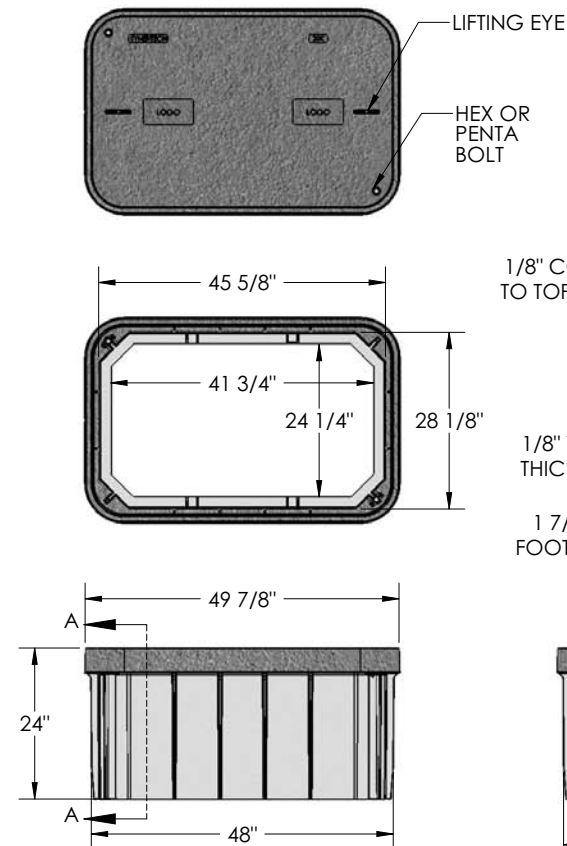


**COVER 30 X 48**  
 CATALOG NO. S3048HCBOA01

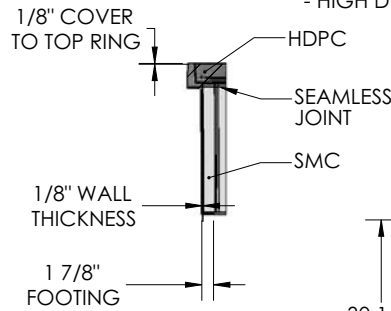
For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3048HCBOA	214 lbs	Cover Bolt Down/Tier 15 - 20K
S3048B18FA	108 lbs	Box – Open Bottom/18" (457 mm)
S3048C18FA	111 lbs	Box – Closed Bottom/18" (457 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



**JUNCTION BOX 30 X 48 X 24**  
 CATALOG NO.S3048B24FA

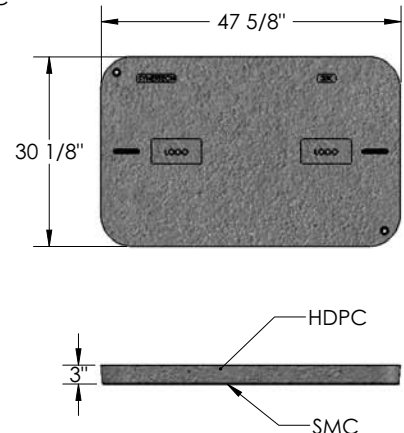


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

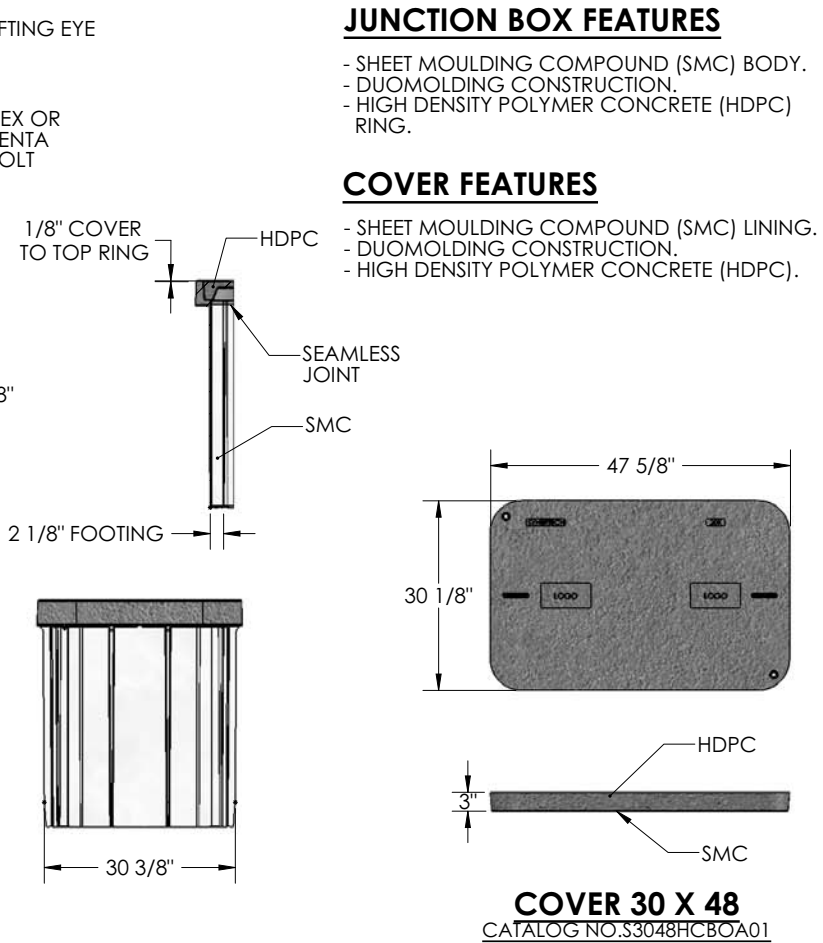
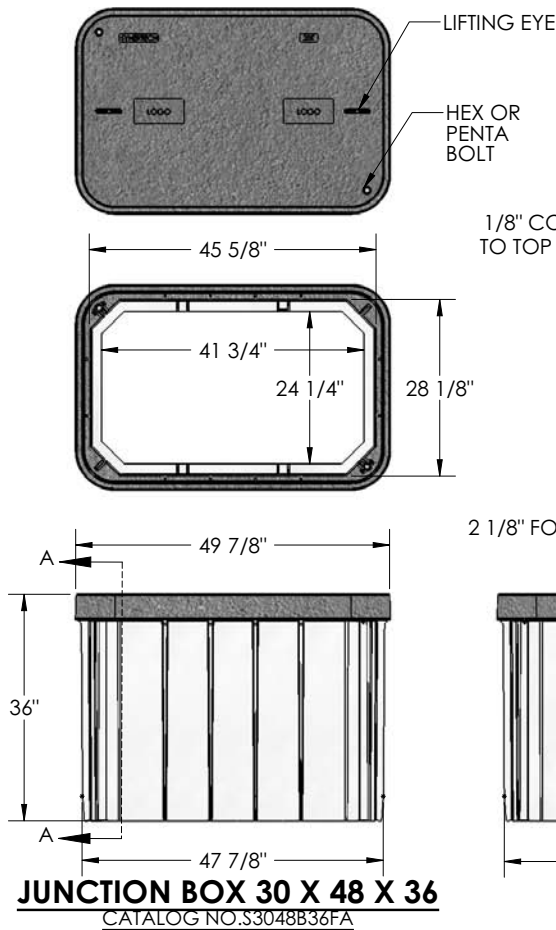


**COVER 30 X 48**  
 CATALOG NO.S3048HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3048HCBOA	214 lbs	Cover Bolt Down/Tier 15 - 20K
S3048B24FA	122 lbs	Box – Open Bottom/24" (610 mm)
S3048C24FA	125 lbs	Box – Closed Bottom/24" (610 mm)

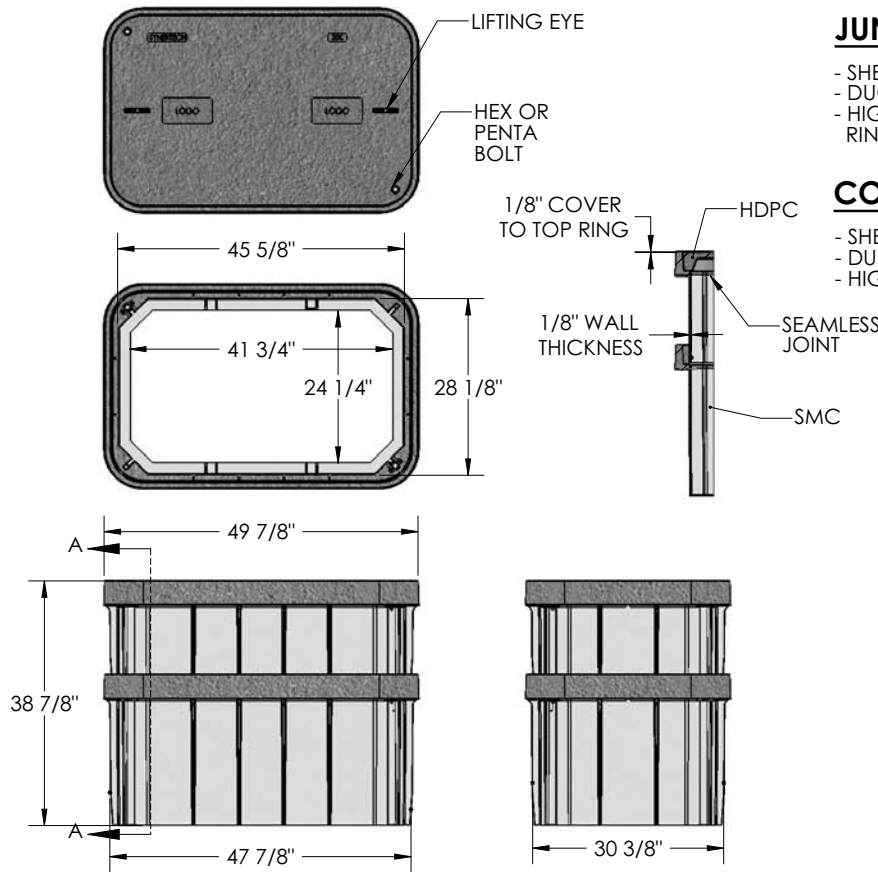
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3048HCBOA	214 lbs	Cover Bolt Down/Tier 15 - 20K
S3048B36FA	232 lbs	Box – Open Bottom/36" (914 mm)
S3048C36FA	235 lbs	Box – Closed Bottom/36" (914 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



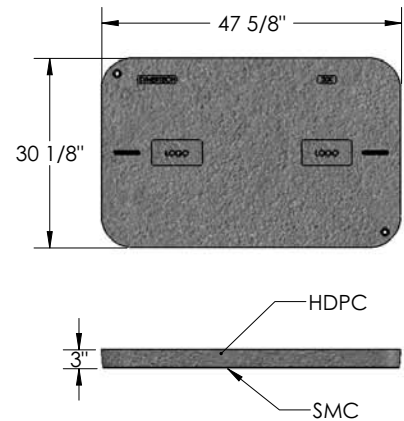
**JUNCTION BOX 30 X 48 X 42**  
 CATALOG NO.S3048B42FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



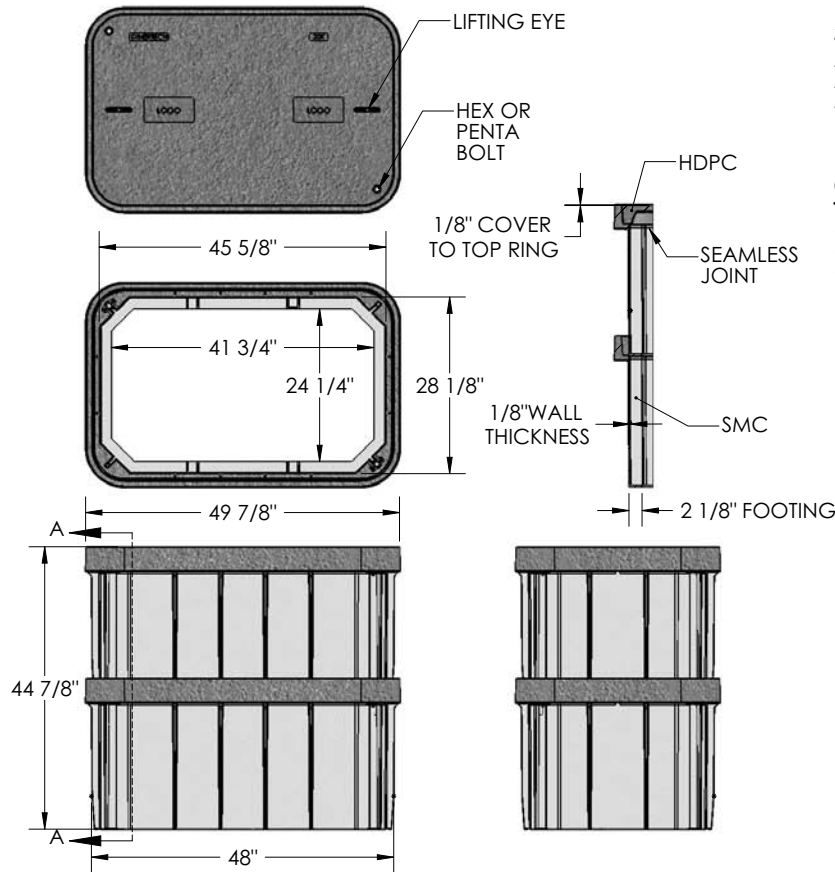
**COVER 30 X 48**  
 CATALOG NO.S3048HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3048HCBOA	214 lbs	Cover Bolt Down/Tier 15 - 20K
S3048B42FA	230 lbs	Box – Open Bottom/42" (1067 mm)
S3048C42FA	233 lbs	Box – Closed Bottom/42" (1067 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards





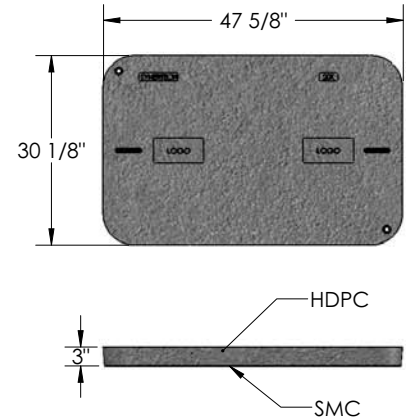
**JUNCTION BOX 30 X 48 X 48**  
 CATALOG NO. S3048B48FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

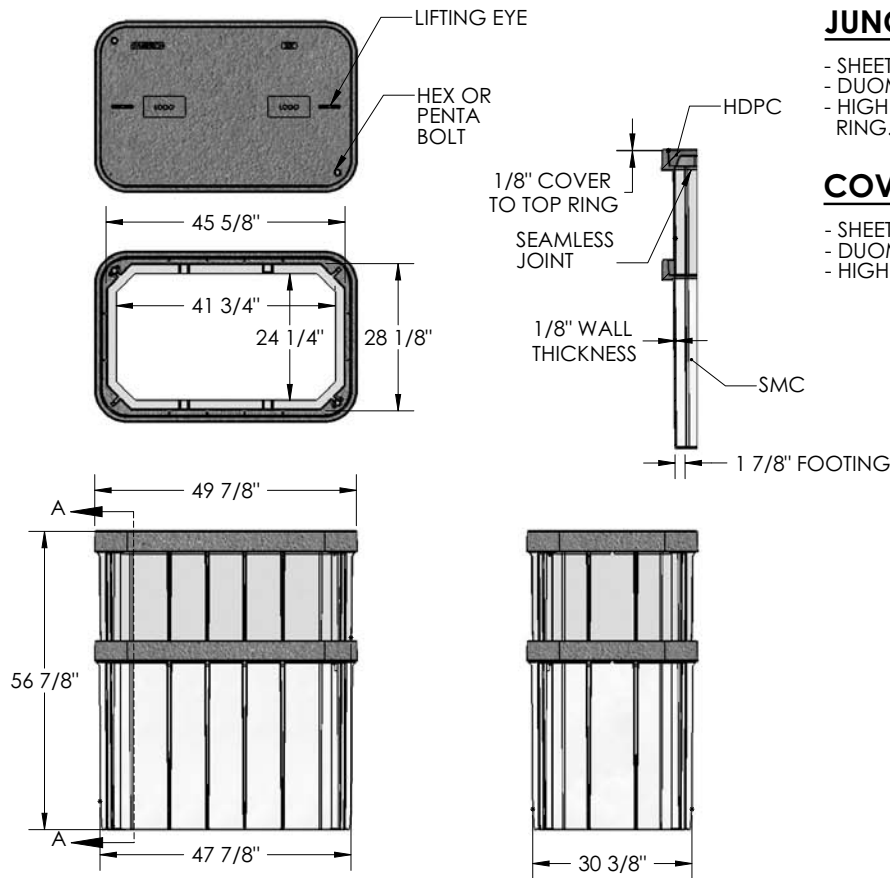


**COVER 30 X 48**  
 CATALOG NO. S3048HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3048HCBOA	214 lbs	Cover Bolt Down/Tier 15 - 20K
S3048B48FA	244 lbs	Box – Open Bottom/48" (1219 mm)
S3048C48FA	247 lbs	Box – Closed Bottom/48" (1219 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



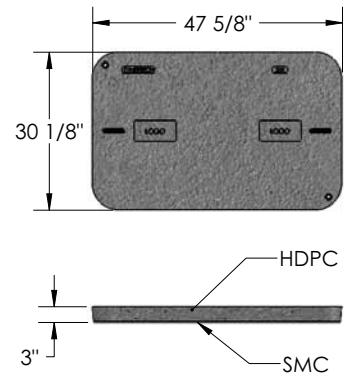
**JUNCTION BOX 30 X 48 X 60**  
 CATALOG NO.S3048B60FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

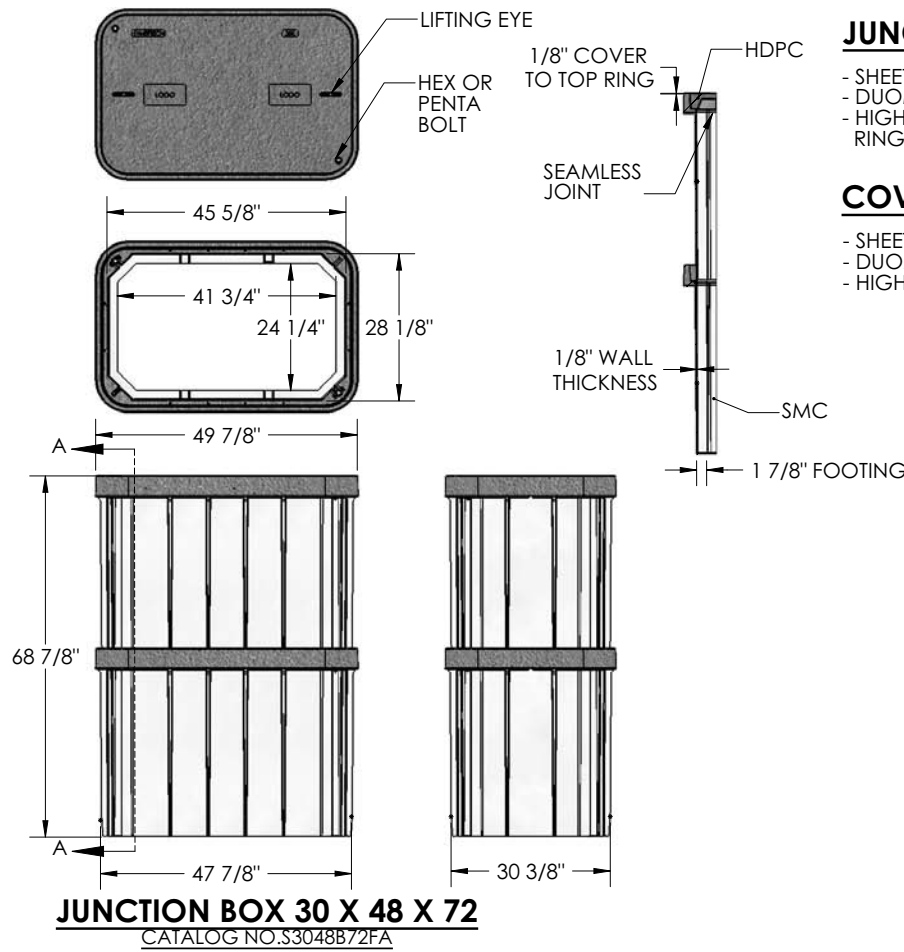


**COVER 30 X 48**  
 CATALOG NO.S3048HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3048HCBOA	214 lbs	Cover Bolt Down/Tier 15 - 20K
S3048B60FA	354 lbs	Box – Open Bottom/60" (1524 mm)
S3048C60FA	357 lbs	Box – Closed Bottom/60" (1524 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards

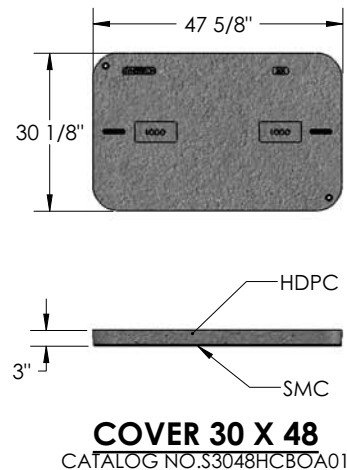


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

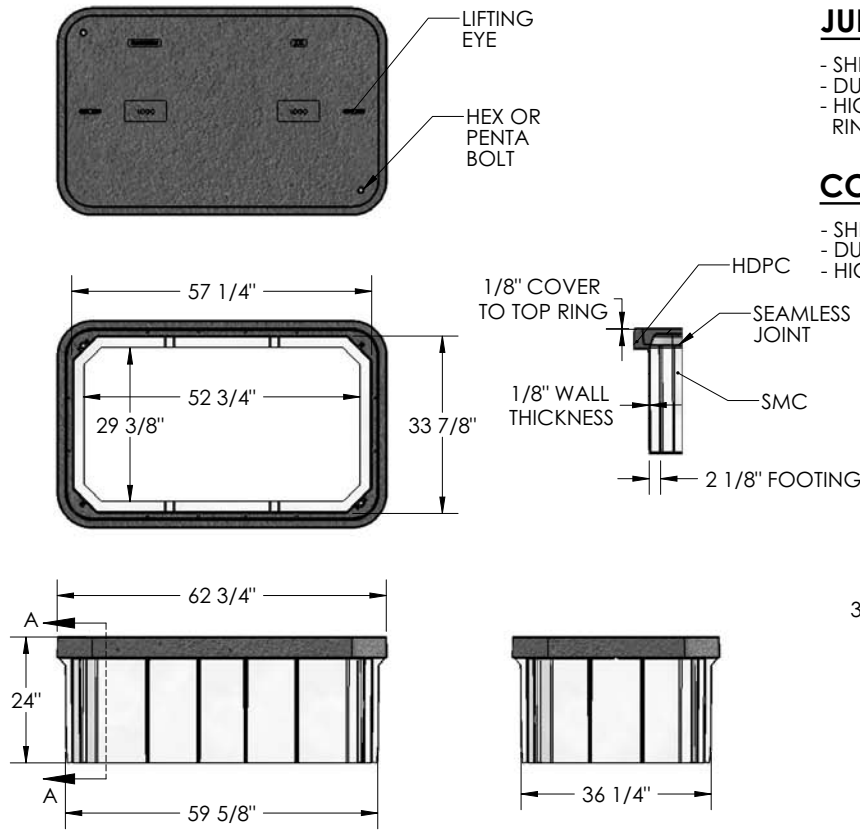
- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3048HCBOA	214 lbs	Cover Bolt Down/Tier 15 - 20K
S3048B72FA	464 lbs	Box – Open Bottom/72" (1829 mm)
S3048C72FA	467 lbs	Box – Closed Bottom/72" (1829 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards

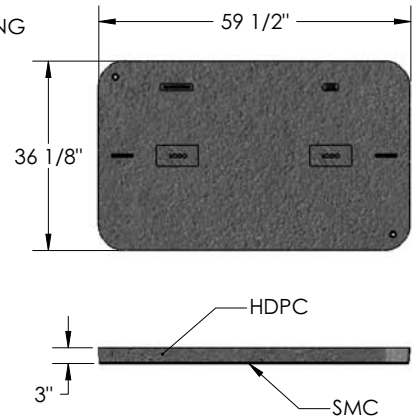


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



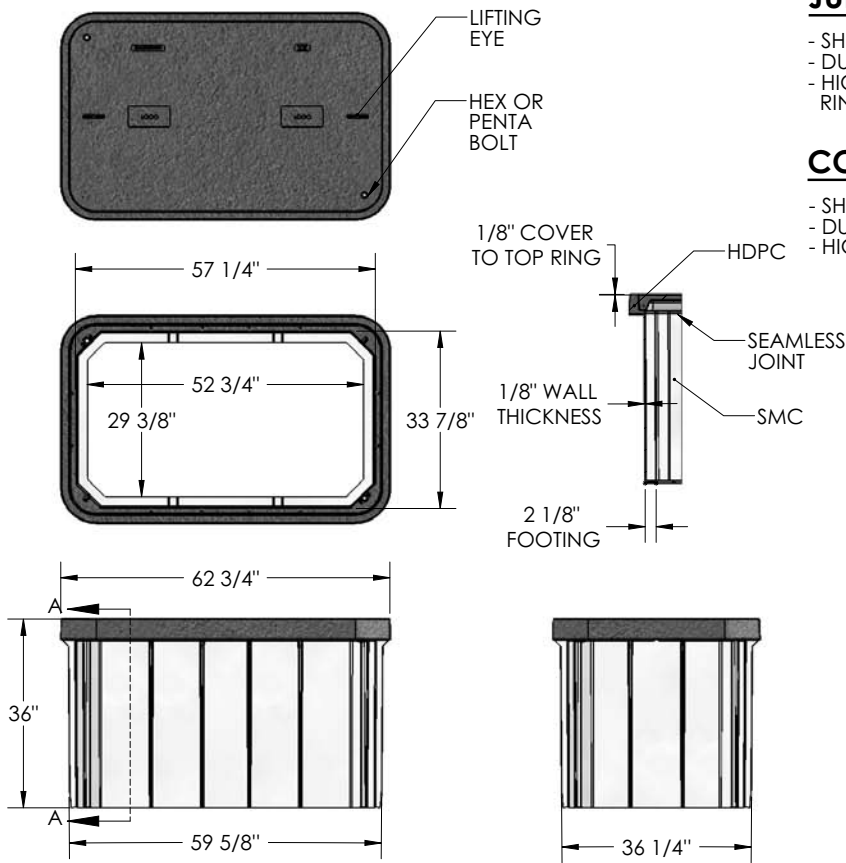
**JUNCTION BOX 36 x 60 x 24**  
 CATALOG NO.S3660B24FA

**COVER 36 X 60**  
 CATALOG NO.S3660HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3660HCBOA	547 lbs	Cover Bolt Down/Tier 15 - 20K
S3660B24FA	181 lbs	Box – Open Bottom/24" (610 mm)
S3660C24FA	185 lbs	Box – Closed Bottom/24" (610 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



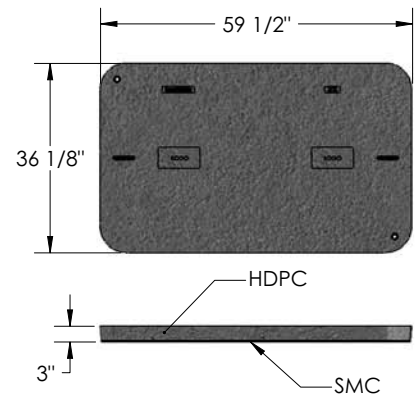
**JUNCTION BOX 36 X 60 X 36**  
 CATALOG NO. S3660B36FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

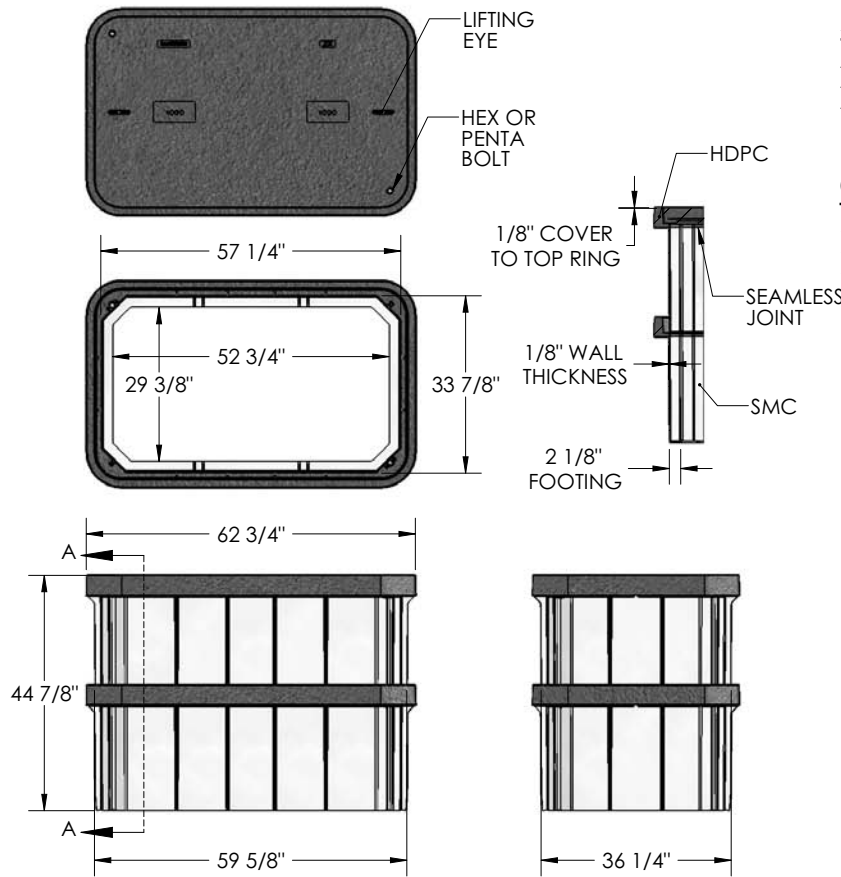


**COVER 36 X 60**  
 CATALOG NO. S3660HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3660HCBOA	547 lbs	Cover Bolt Down/Tier 15 - 20K
S3660B36FA	216 lbs	Box – Open Bottom/36" (914 mm)
S3660C36FA	220 lbs	Box – Closed Bottom/36" (914 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



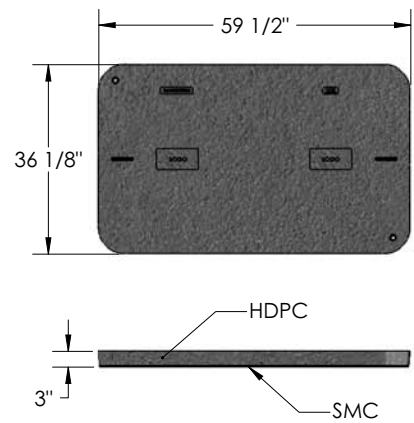
**JUNCTION BOX 36 X 60 X 48**  
 CATALOG NO. S3660B48FA

**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

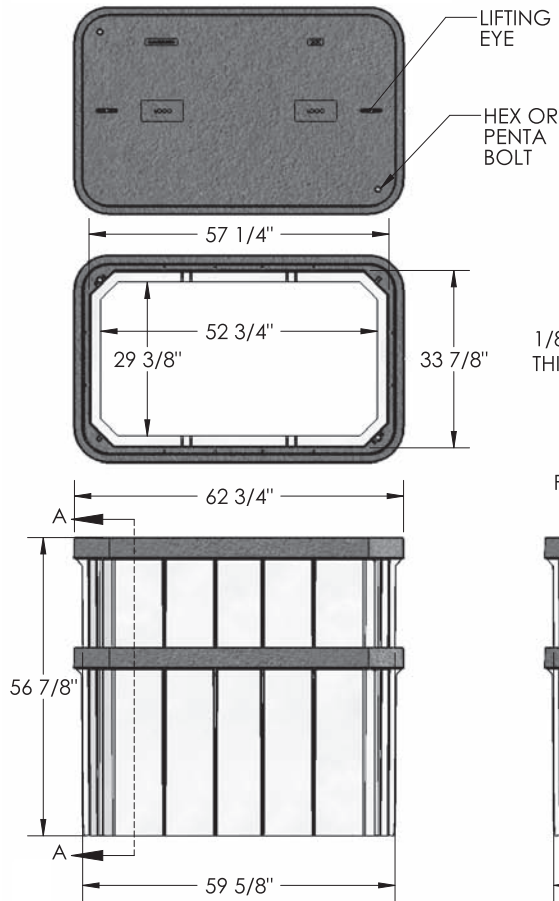


**COVER 36 X 60**  
 CATALOG NO. S3660HCBOA01

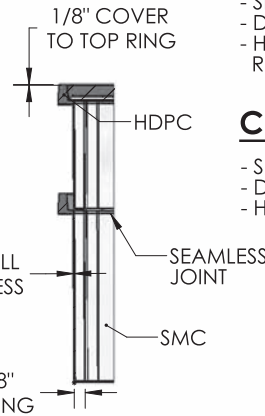
For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3660HCBOA	547 lbs	Cover Bolt Down/Tier 15 - 20K
S3660B48FA	362 lbs	Box – Open Bottom/48" (1219 mm)
S3660C48FA	366 lbs	Box – Closed Bottom/48" (1219 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



**JUNCTION BOX 36 X 60 X 60**  
 CATALOG NO. S3660B60FA

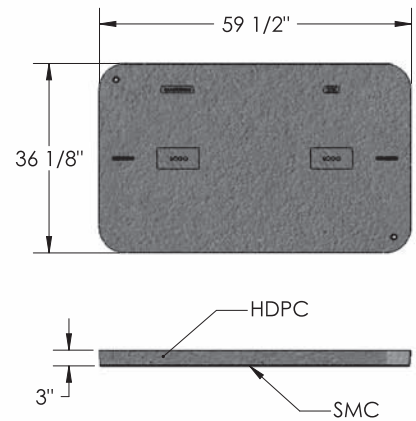


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).

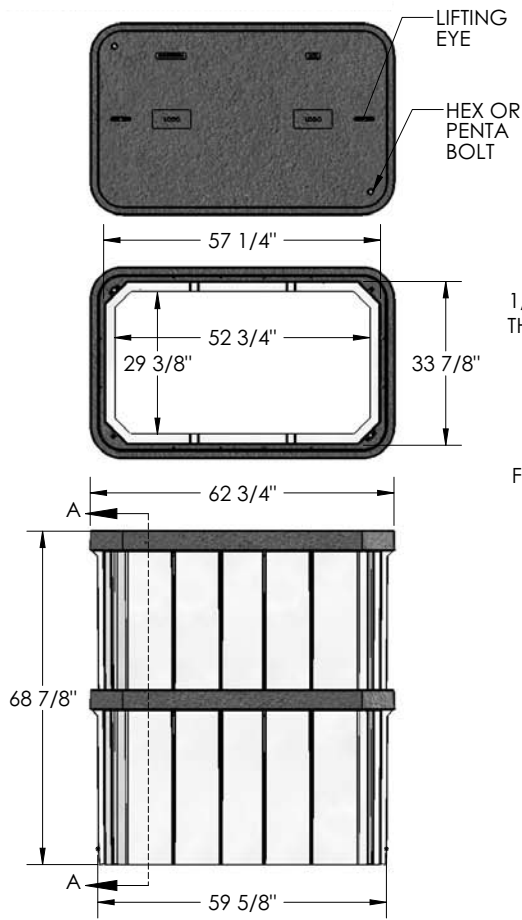


**COVER 36 X 60**  
 CATALOG NO. S3660HCBOA01

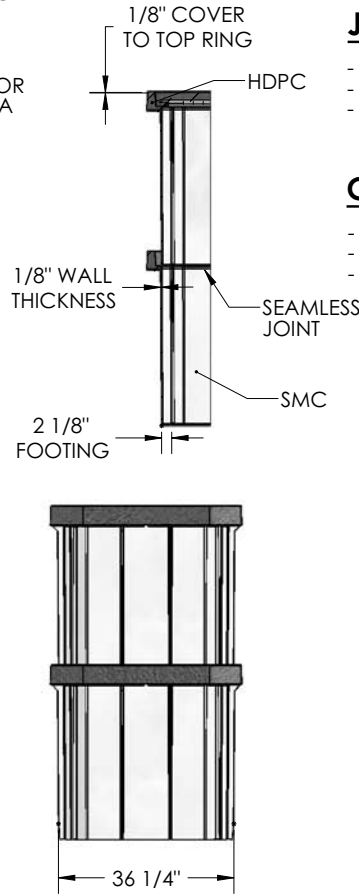
For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3660HCBOA	331 lbs	Cover Bolt Down/Tier 15 - 20K
S3660B60FA	397 lbs	Box – Open Bottom/60" (1524 mm)
S3660C60FA	401 lbs	Box – Closed Bottom/60" (1524 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



**JUNCTION BOX 36 X 60 X 72**  
 CATALOG NO. S3660B72FA

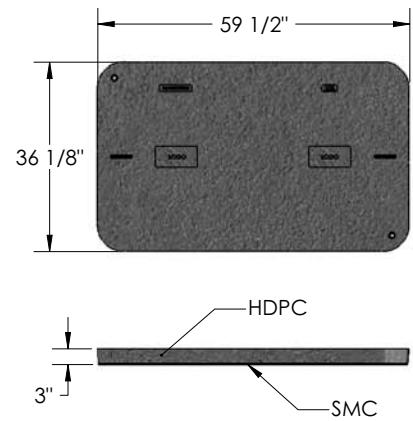


**JUNCTION BOX FEATURES**

- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

**COVER FEATURES**

- SHEET MOULDING COMPOUND (SMC) LINING.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC).



**COVER 36 X 60**  
 CATALOG NO. S3660HCBOA01

For all options, please contact Customer Service at 1-888-868-5214.

Catalog No.	Approx Shipping Wt.	Description
S3660HCBOA	547 lbs	Cover Bolt Down/Tier 15 - 20K
S3660B72FA	432 lbs	Box – Open Bottom/72" (1829 mm)
S3660C72FA	436 lbs	Box – Closed Bottom/72" (1829 mm)

- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw
- Standard or custom logo available
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards