



Oldcastle Precast®
Enclosure Solutions

Dry Utilities Polymer and Plastic Products Catalog

2010

Oldcastle Precast Enclosure Solutions

Locations and Contacts

Carson

Introduction

Light Duty Vaults/Enclosures

Medium Duty Vaults/Enclosures

Heavy Duty Vaults/Enclosures

Vaults/Enclosures Options

Cable Troughs

Cable Trough Options

Duct

Equipment Pads

Pedestals

Fibrelyte

FL08

FL09

FL12

FL30

FL36

Synertech

Introduction & Specification Pages

Enclosures 11x18

Enclosures 12x12

Enclosures 13x24

Enclosures 17x30

Enclosures 24x36

Enclosures 30x48

Enclosures 36x60

www.oldcastleprecast.com/enclosuresolutions



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801 Corporate Center Drive Suite 200
Pomona, CA 91768
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SYNERTECH

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

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:

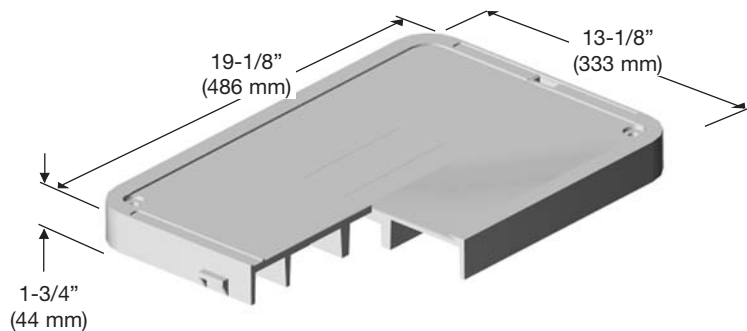
- **Lightweight** — approximately 30% less than the weight of concrete, reducing freight and installation costs
- **Cost Effective** — outperforms conventional materials for longer life-cycles
- **Minimal Moisture Absorption** — closed-cell material is resistant to alkaline, acid, weathering and other 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.

801 Corporate Center Drive Suite 200
Pomona, CA 91768
Toll Free: (800) 735-5566
Phone: (909) 634-3020
Fax: (800) 827-7111

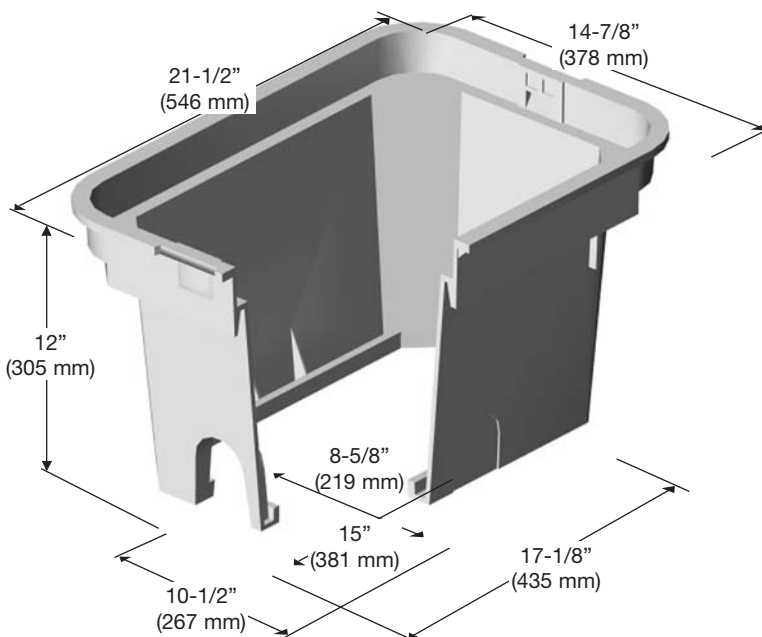
L Series 1017-12

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

Light Duty

Static Vertical Load Rating (Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

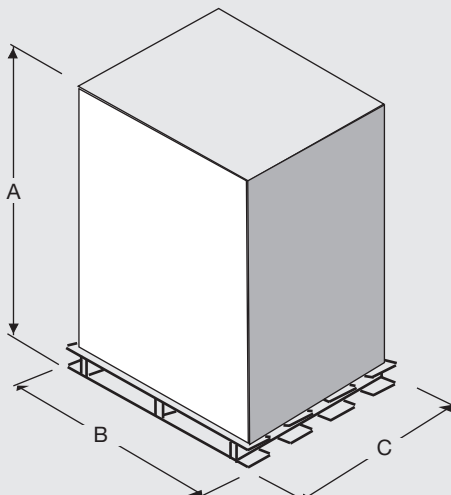
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test 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

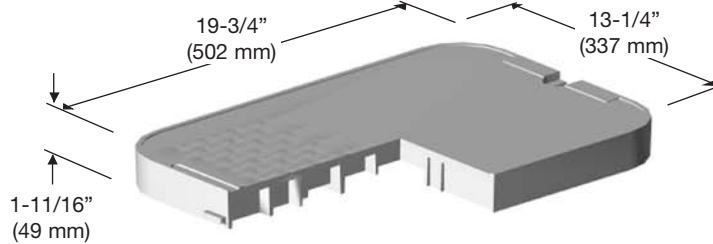
Units: 210 per pallet
Weight: 670 lbs. per pallet

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

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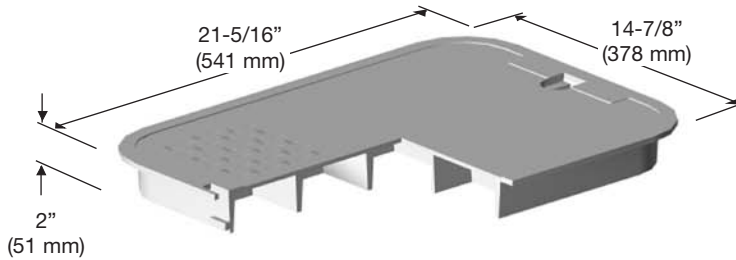
L Series 1220-12

Light Duty



Flush Cover

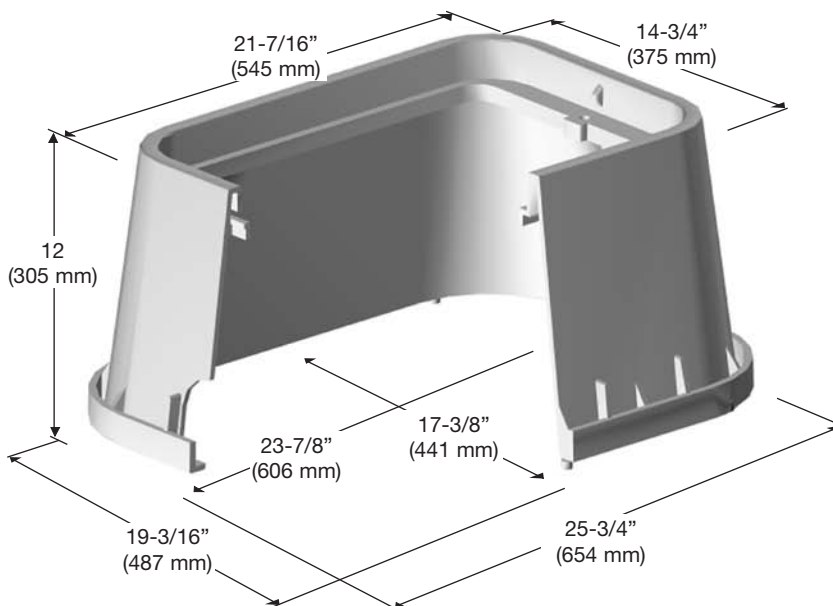
Material: HDPE
Weight: 4.0 lbs.
Model: 1220-3 No Bolt
1220-3B Bolt Down



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

Light Duty

Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



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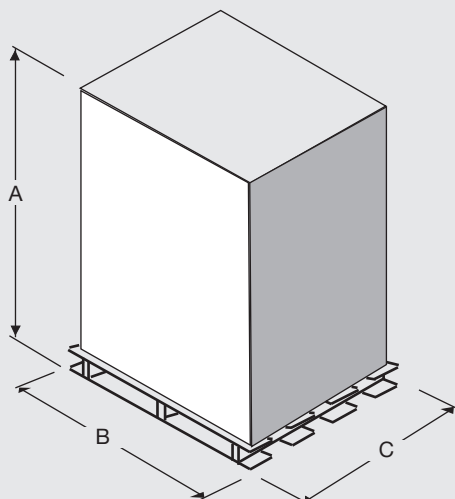
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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 ⁰ min., not to exceed 200 ⁰
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

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²Test 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

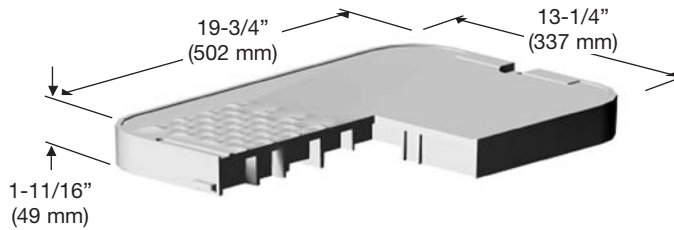
Dim.	Description	Value
A	Height	50"
B	Length	40"
C	Width	48"

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

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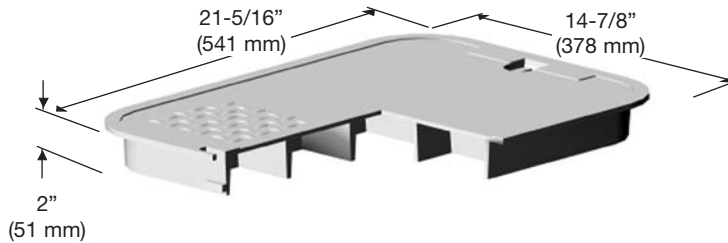
L Series 1220-6

Light Duty



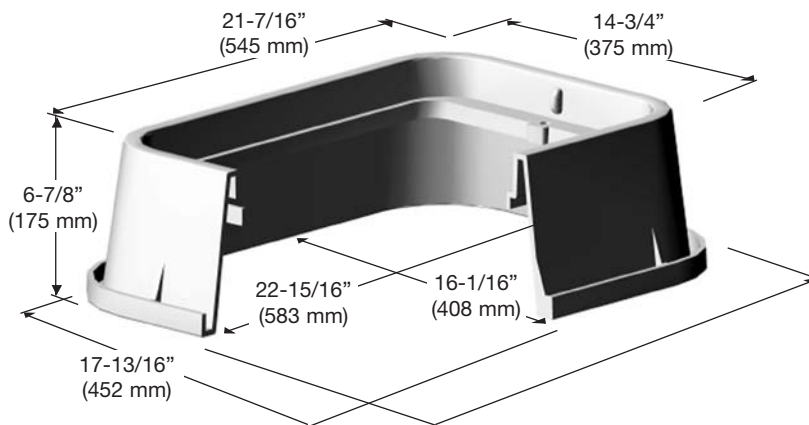
Flush Cover

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

Light Duty

Static Vertical Load Rating (Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

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Phone: 909.634.3020

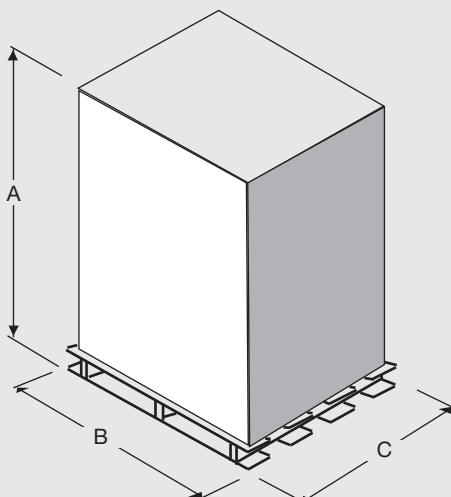
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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 ⁰ min., not to exceed 200 ⁰
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

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²Test 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

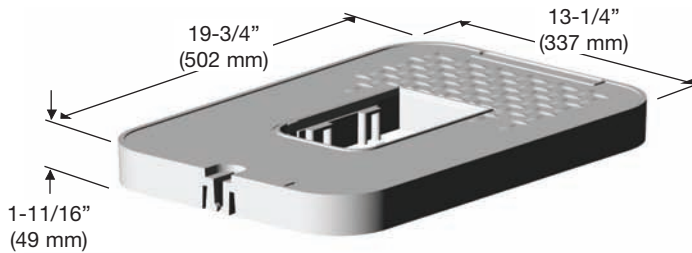
BODY		
Dim.	Description	Value
A	Height	50"
B	Length	42"
C	Width	44"

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

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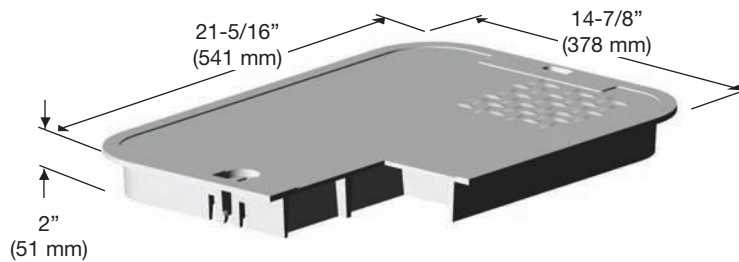
L Series 1220-6X

Light Duty



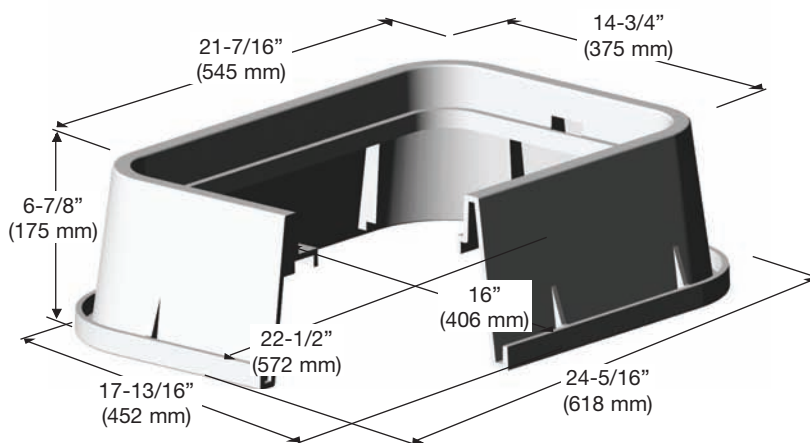
Flush Cover

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

Light Duty

Static Vertical Load Rating (Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

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Phone: 909.634.3020

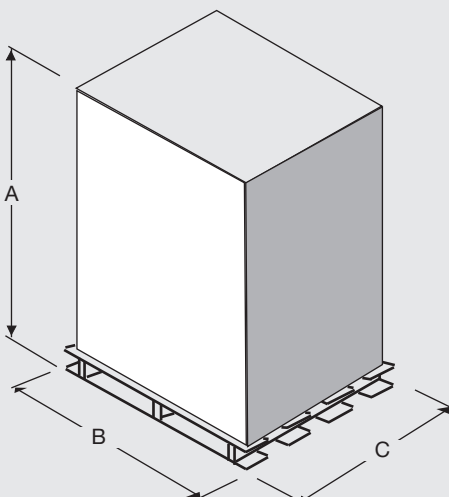
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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 ⁰ min., not to exceed 200 ⁰
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

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²Test reports available on request.

Shipping Information



UNIT		
<u>Dim.</u>	<u>Description</u>	<u>Value</u>
A	Height	50"
B	Length	40"
C	Width	48"
Units: 32 per pallet		
Weight: 360 lbs. per pallet		

FLUSH COVER		
<u>Dim.</u>	<u>Description</u>	<u>Value</u>
A	Height	47"
B	Length	40"
C	Width	48"
Units: 150 per pallet		
Weight: 640 lbs. per pallet		

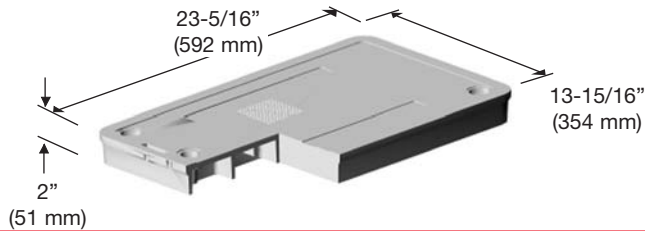
T-COVER		
<u>Dim.</u>	<u>Description</u>	<u>Value</u>
A	Height	53"
B	Length	40"
C	Width	48"
Units: 150 per pallet		
Weight: 640 lbs. per pallet		

BODY		
<u>Dim.</u>	<u>Description</u>	<u>Value</u>
A	Height	48"
B	Length	40"
C	Width	48"
Units: 32 per pallet		
Weight: 230 lbs. per pallet		

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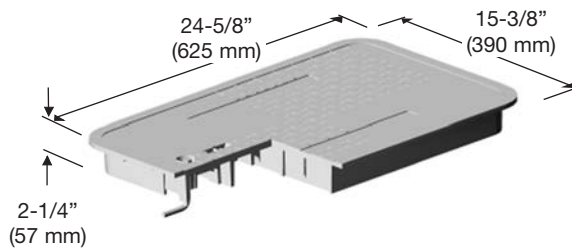
L Series 1324

Light Duty



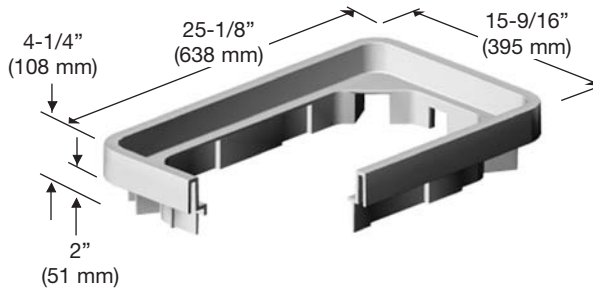
Flush Cover

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



T-Cover

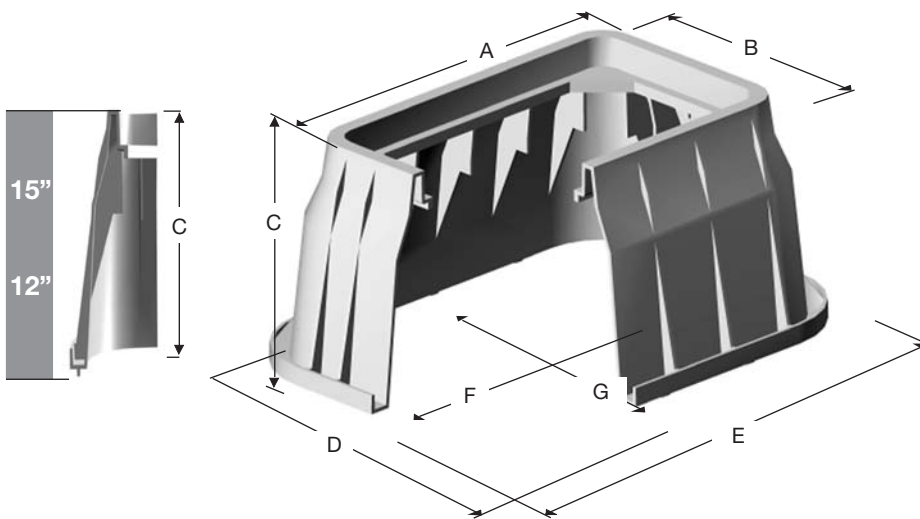
Material: HDPE
Weight: 6.0 lbs.
Model: 1324-4B Bolt Down
1324-4L Captive L-Bolt Lock



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

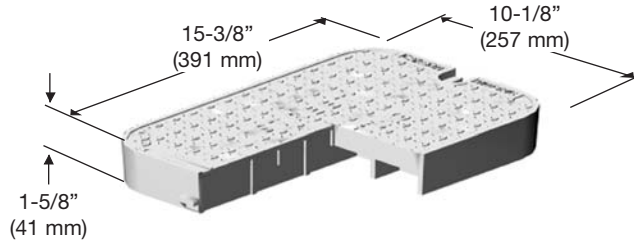
Green, Gray or Black

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

	A	B	C	D	E	F	G
1324-12	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)
1324-15	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)

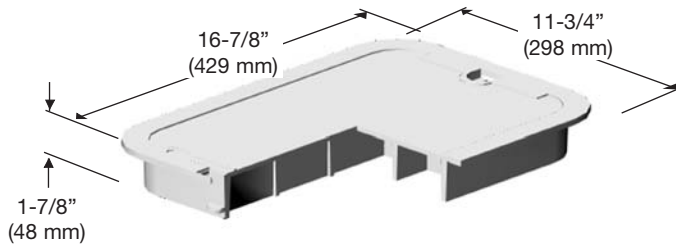
L Series 1419-12

Light Duty



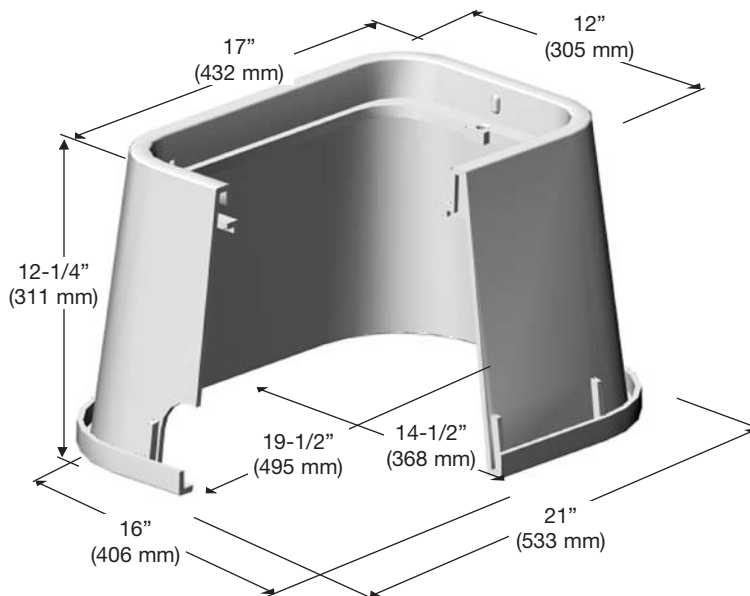
Flush Cover

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

Light Duty

Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

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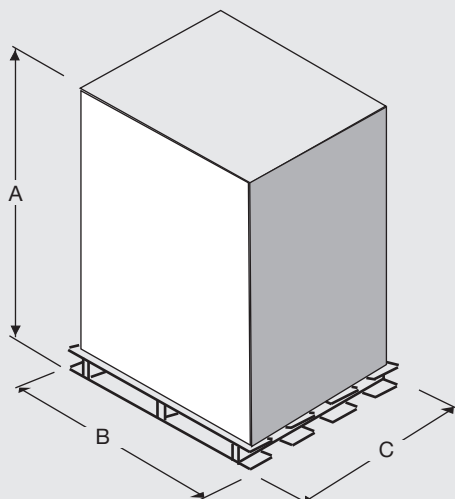
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test 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

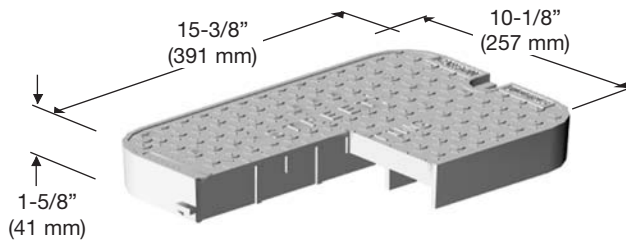
Dim.	Description	Value
A	Height	53"
B	Length	40"
C	Width	48"

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

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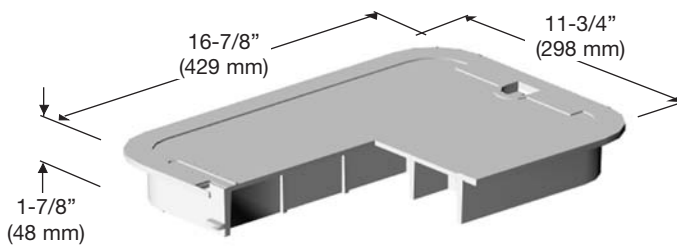
L Series 1419-6

Light Duty



Flush Cover

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

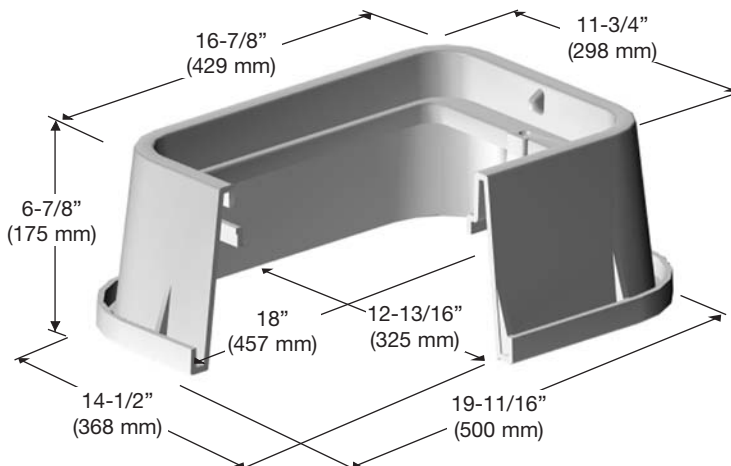


T-Cover

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

Light Duty

Static Vertical Load Rating (Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

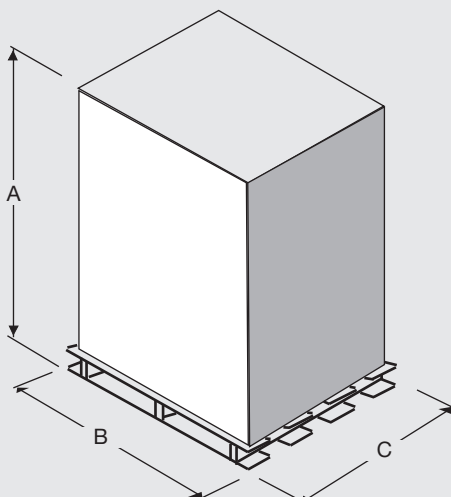
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test 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

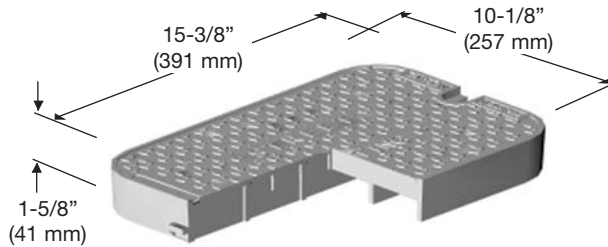
BODY		
Dim.	Description	Value
A	Height	51"
B	Length	40"
C	Width	48"

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

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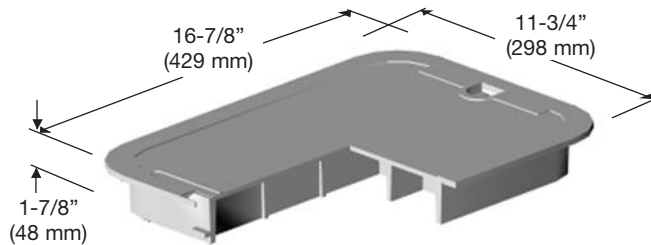
L Series 1419-6X

Light Duty



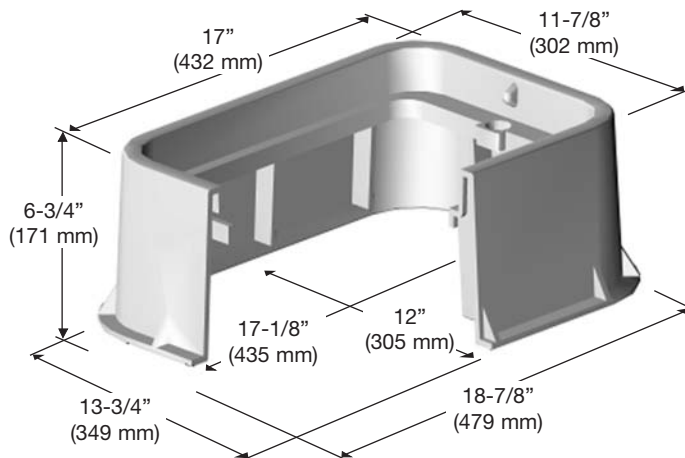
Flush Cover

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

Light Duty

Static Vertical Load Rating (Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²;
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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

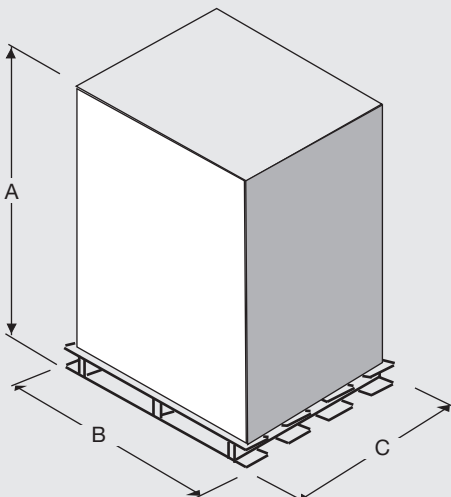
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

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²Test reports available on request.

Shipping Configuration



UNIT		
<u>Dim.</u>	<u>Description</u>	<u>Value</u>
A	Height	50"
B	Length	36"
C	Width	42"
Units: 42 per pallet		
Weight: 355 lbs. per pallet		

FLUSH COVER		
<u>Dim.</u>	<u>Description</u>	<u>Value</u>
A	Height	50"
B	Length	40"
C	Width	48"
Units: 250 per pallet		
Weight: 790 lbs. per pallet		

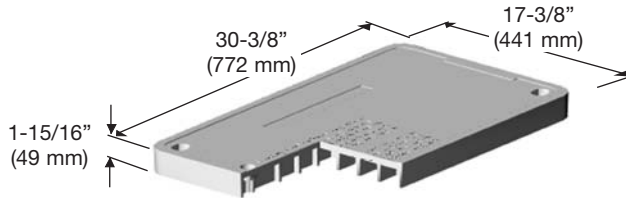
T-COVER		
<u>Dim.</u>	<u>Description</u>	<u>Value</u>
A	Height	56"
B	Length	40"
C	Width	48"
Units: 250 per pallet		
Weight: 790 lbs. per pallet		

BODY		
<u>Dim.</u>	<u>Description</u>	<u>Value</u>
A	Height	50"
B	Length	36"
C	Width	42"
Units: 54 per pallet		
Weight: 283 lbs. per pallet		

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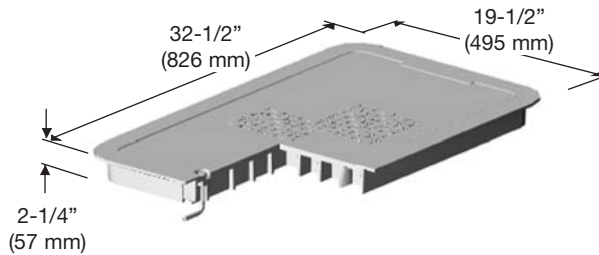
L Series 1730-18

Light Duty



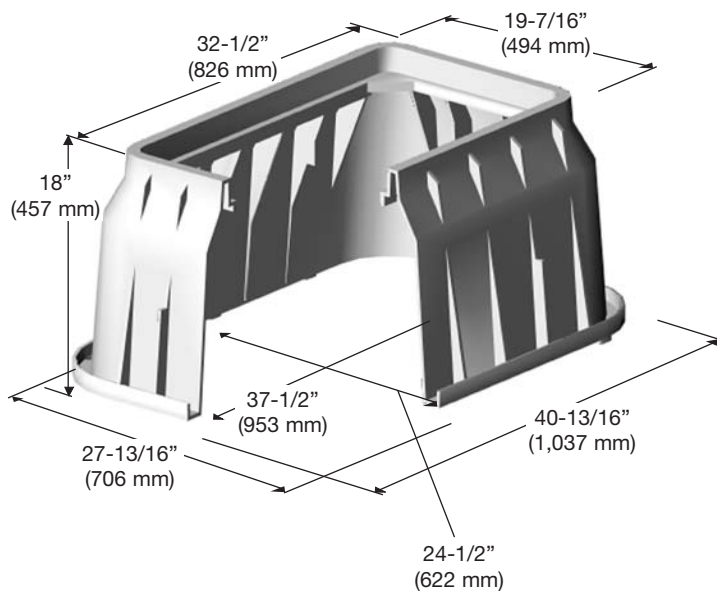
Flush Cover

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

Light Duty

Static Vertical Load Rating (Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

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Phone: 909.634.3020

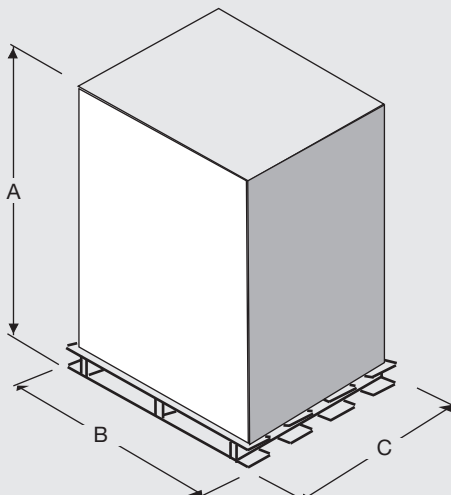
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test 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

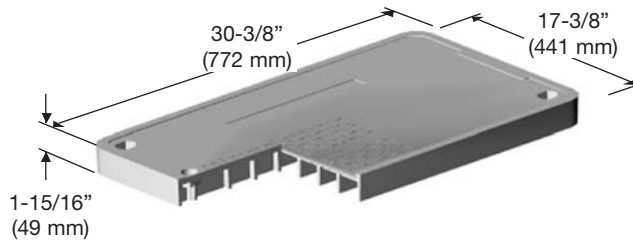
BODY		
Dim.	Description	Value
A	Height	80"
B	Length	40"
C	Width	48"

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

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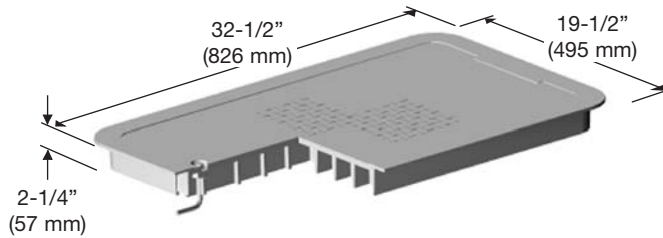
L Series 1730

Light Duty



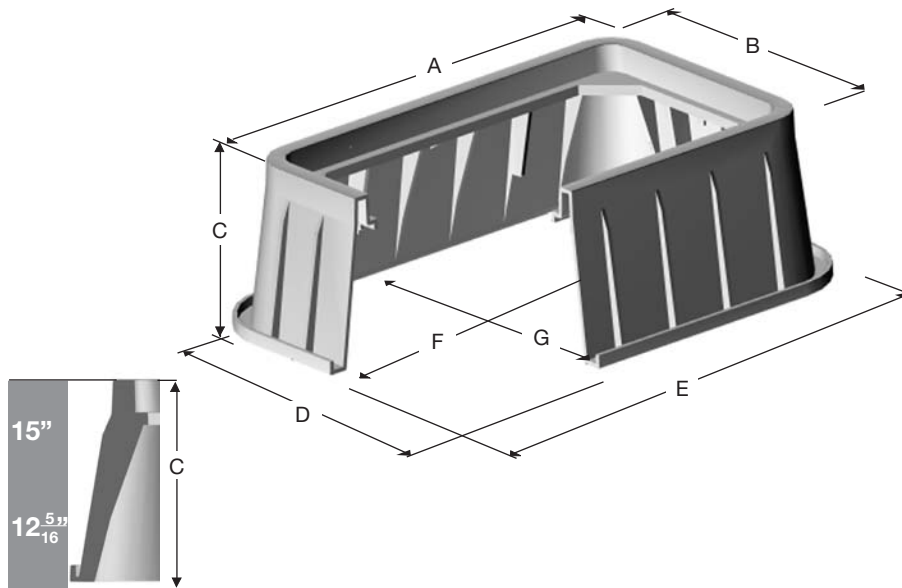
Flush Cover

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
1730-12	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)
1730-15	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

Light Duty

Static Vertical Load Rating (Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

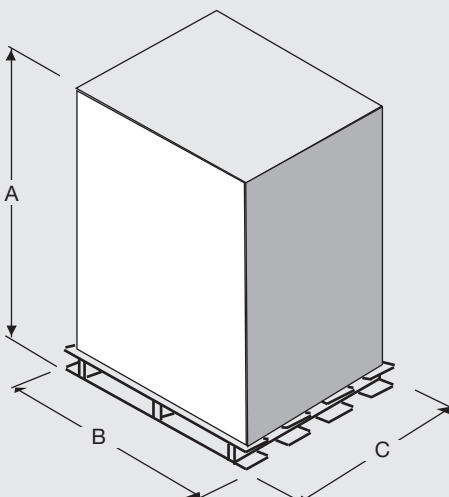
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test reports available on request.

Shipping Information

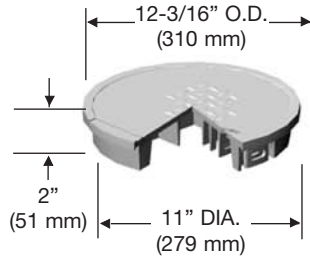


UNIT 1730-12			BODY 1730-12			FLUSH COVER		
<u>Dim.</u>	<u>Description</u>	<u>Value</u>	<u>Dim.</u>	<u>Description</u>	<u>Value</u>	<u>Dim.</u>	<u>Description</u>	<u>Value</u>
A	Height	72"	A	Height	72"	A	Height	66"
B	Length	40"	B	Length	40"	B	Length	40"
C	Width	48"	C	Width	48"	C	Width	48"
Units: 16 per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

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L Series 2200-18

Light Duty



Flush Cover

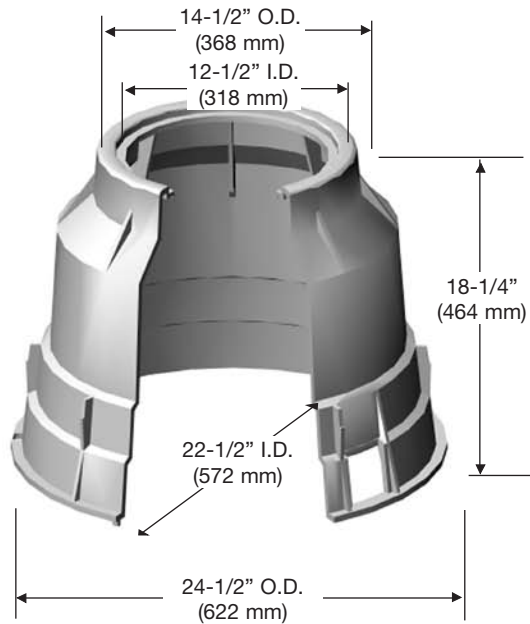
Material: HDPE

Weight: 4.2 lbs.

Model: 2200-3D

See **OPTIONS SECTION**:

- Key operated Dallas lock
- Cast Iron Cover

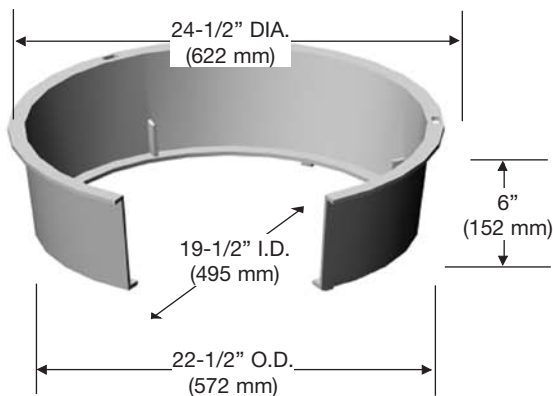


Body

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

Light Duty

Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

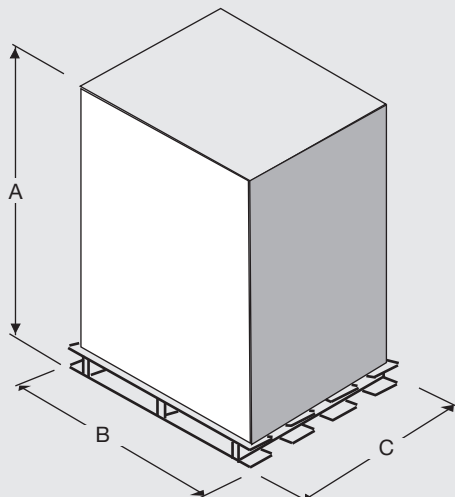
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test reports available on request.

Shipping Information



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

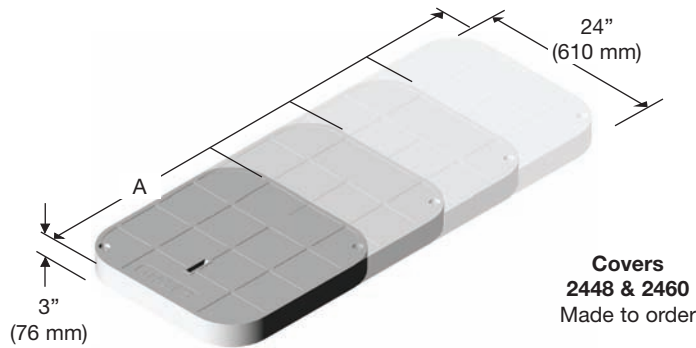
Units: 64 per pallet

Weight: 1,171 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

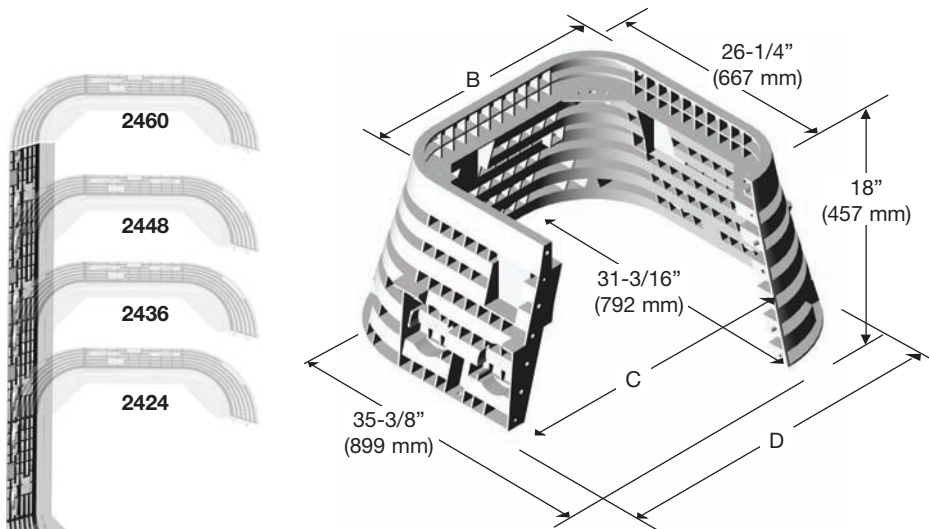
A. 48" (1,219 mm)

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)

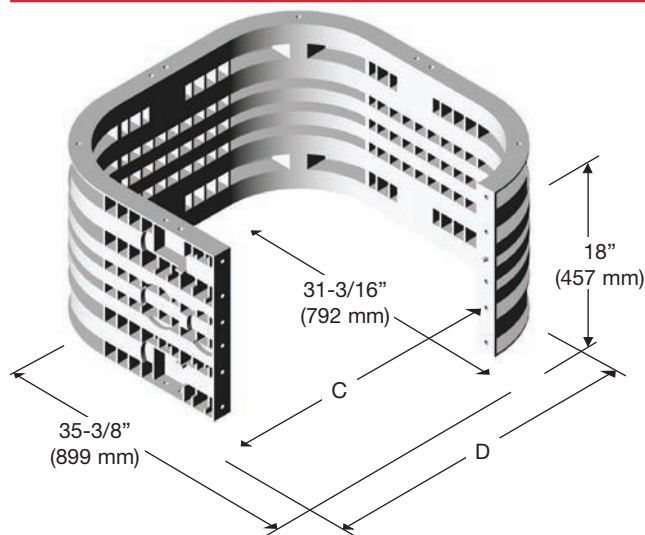
Model: 2460-18

B. 61.9" (1,572 mm)

D. 71" (1,803 mm)

TOP VIEW –
Available
Body/Extension
Models

Extension –
Made to order



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

Light Duty

Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

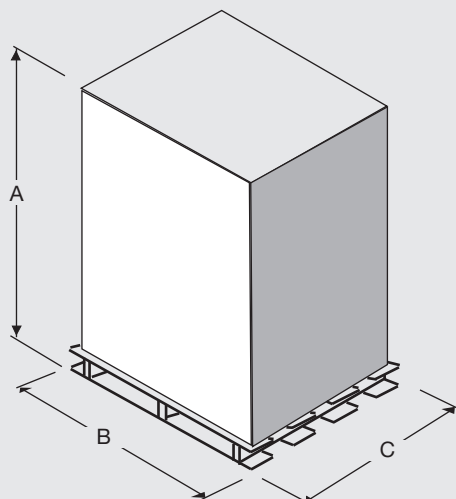
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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 ⁰ min., not to exceed 200 ⁰
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test reports available on request.

Shipping Information

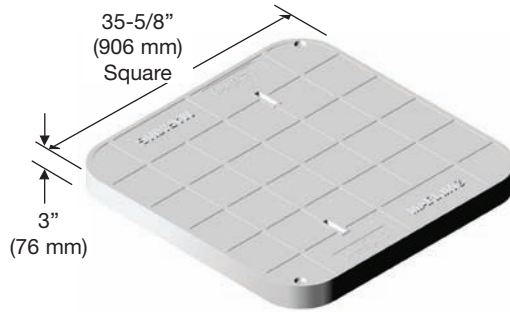


UNIT 2424-18			UNIT 2436-18			UNIT 2448-18			UNIT 2460-18		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	85"	A	Height	85"	A	Height	85"	A	Height	85"
B	Length	40"	B	Length	40"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	60"	C	Width	70"
Units: 8 per pallet			Units: 8 per pallet			Units: 8 per pallet			Units: 8 per pallet		
Weight: 378 lbs. per pallet			Weight: 480 lbs. per pallet			Weight: 601 lbs. per pallet			Weight: 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"
Units: 8 per pallet			Units: 8 per pallet			Units: 8 per pallet			Units: 8 per pallet		
Weight: 296 lbs. per pallet			Weight: 356 lbs. per pallet			Weight: 435 lbs. per pallet			Weight: 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"						
Units: 50 per pallet			Units: 50 per pallet								
Weight: 538 lbs. per pallet			Weight: 820 lbs. per pallet								

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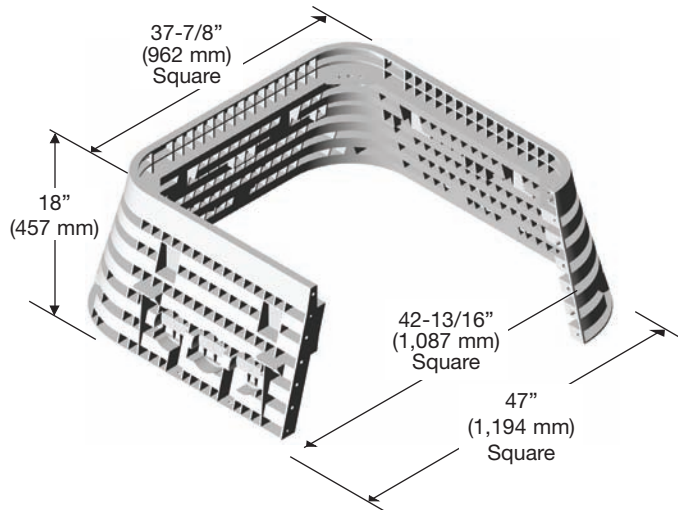
L Series 3636-18

Light Duty



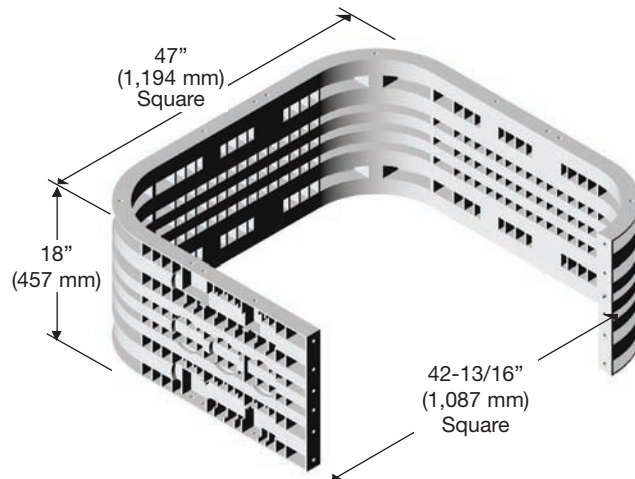
Flush Cover

Material: HDPE
Model: 3636-3B Weight: 23.5 lbs.



Body

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



Extension
Made to order

Extensions (height in 6", 12" and 18" increments)

Material: HDPE
Model: 3636-18X Weight: 52.25 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 3636-18

Light Duty

Static Vertical Load Rating (Design Load; Test Load)

3636-18:

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

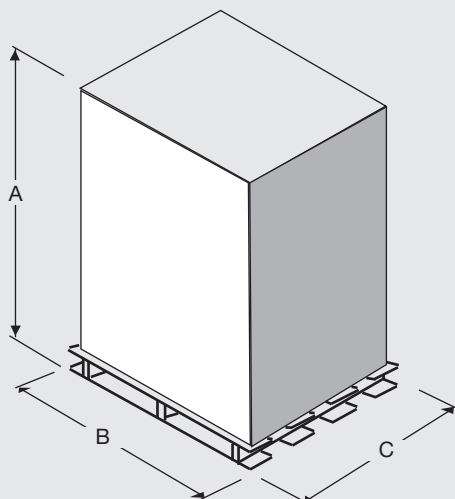
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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 ⁰ min., not to exceed 200 ⁰
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test 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

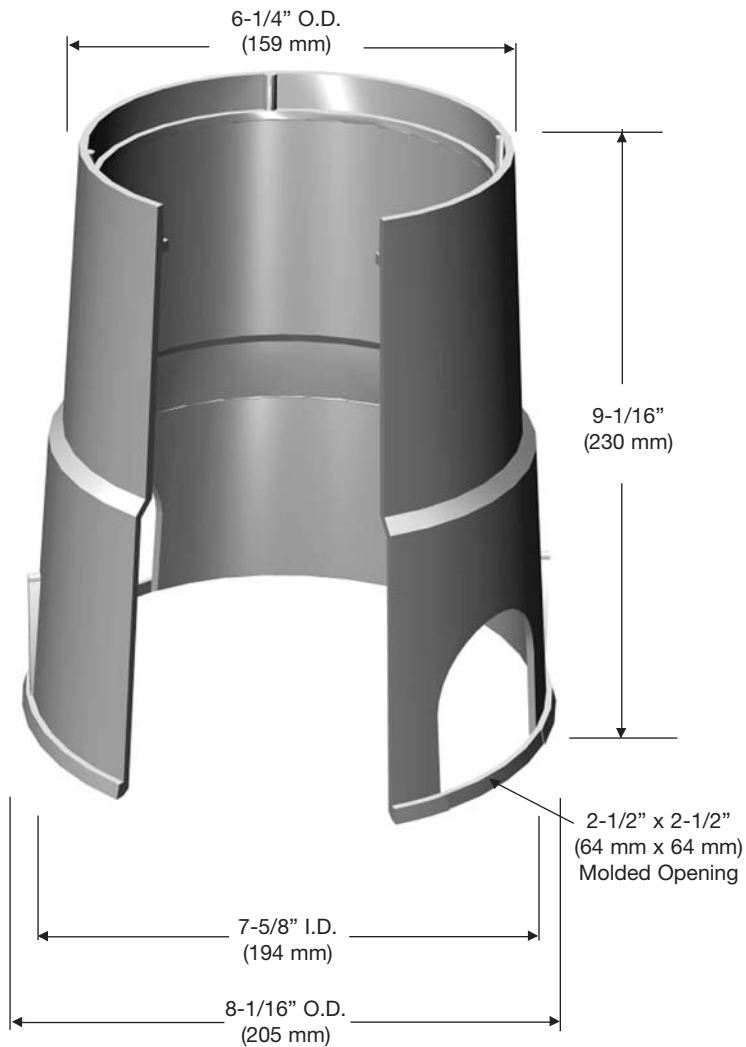
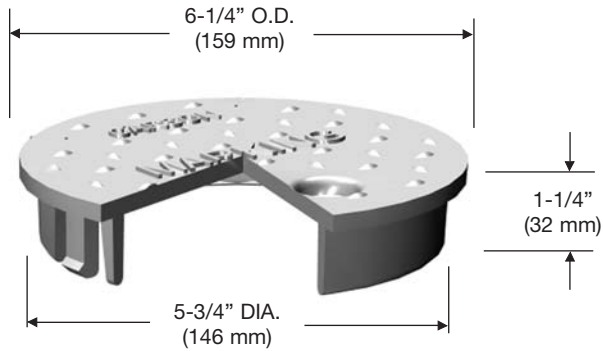
All information contained in this brochure was current at the time of printing. Because of Oldcastle Precast's policy of ongoing research and development, the Company reserves the right to discontinue or update product information without notice.

L Series 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

Light Duty

Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

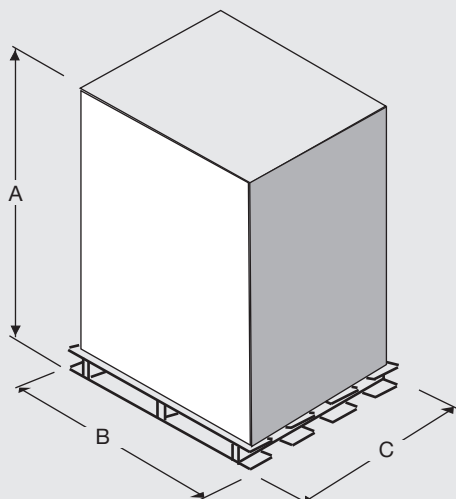
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test reports available on request.

Shipping Information



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

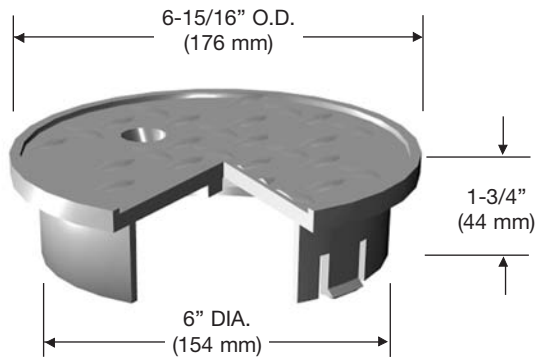
Units: 336 per pallet

Weight: 460 lbs. per pallet
(No Sleeves)

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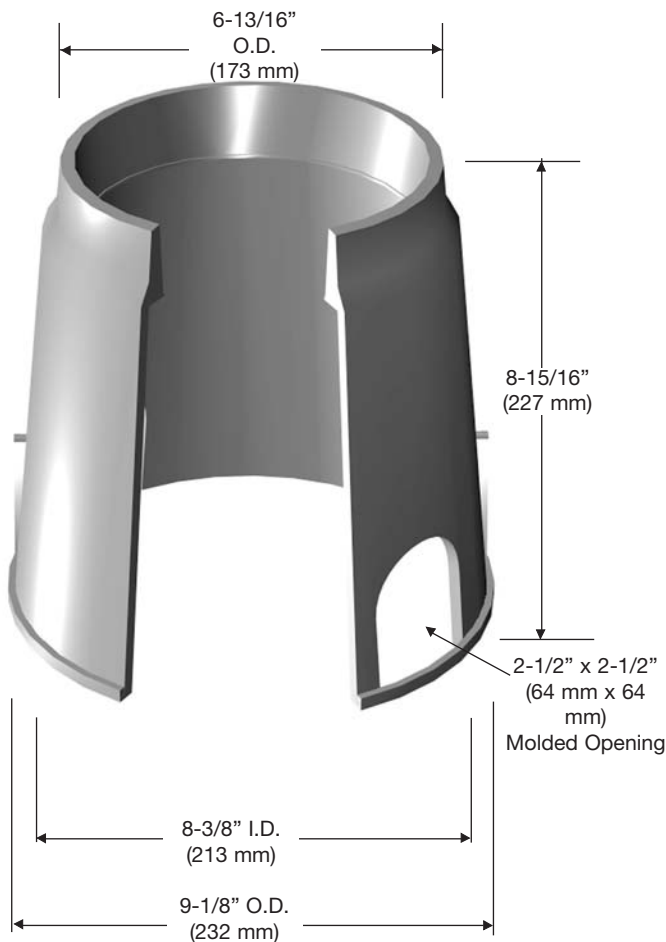
L Series 809

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

Light Duty

Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

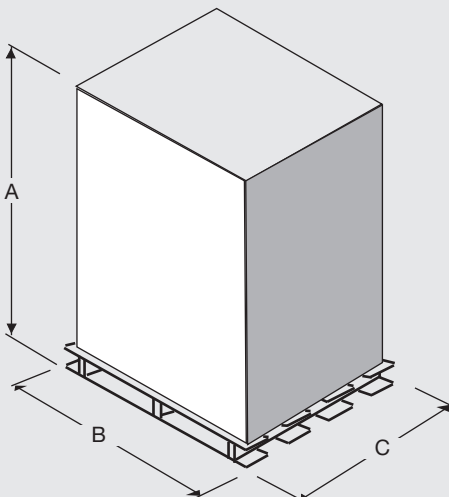
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test reports available on request.

Shipping Information



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

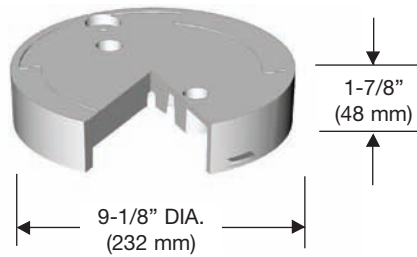
Units: 240 per pallet

Weight: 640 lbs. per pallet

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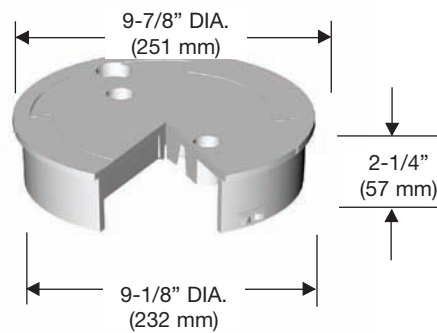
L Series 910

Light Duty



Flush Cover

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

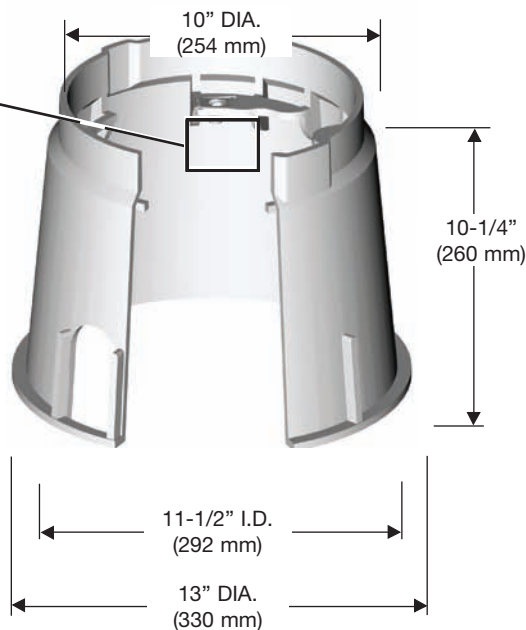


T-Cover

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

Light Duty

Static Vertical Load Rating

(Design Load; Test Load)

- ASTM C857 – A-0.3, 300 lbf/ft²; 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.



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

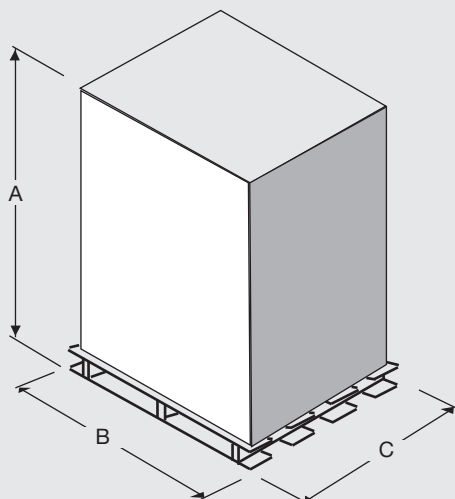
Fax: 800.827.7111

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test reports available on request.

Shipping Information



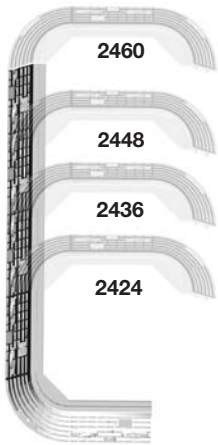
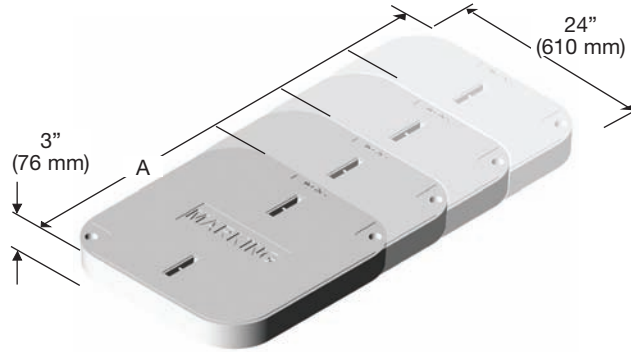
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Dim.	Description	Value
A	Height	49"
B	Length	45"
C	Width	38"

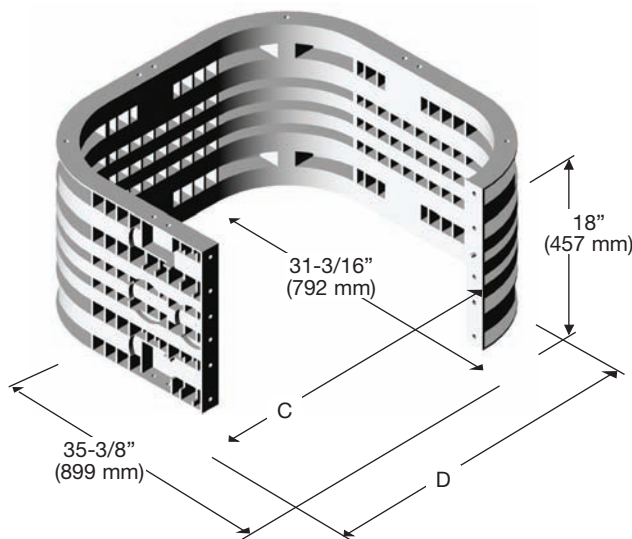
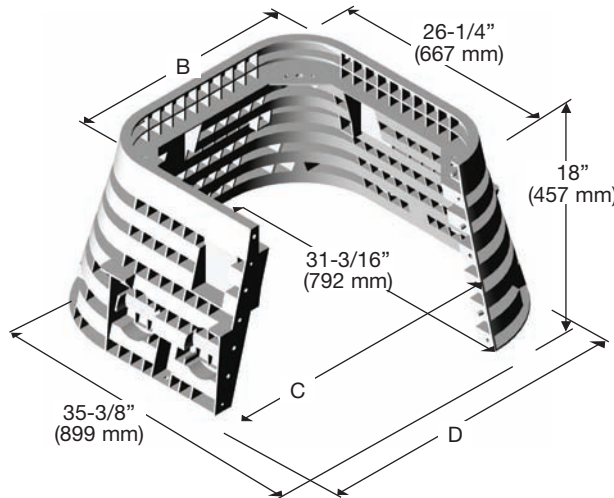
Units: 99 per pallet

Weight: 486 lbs. per pallet

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TOP VIEW –
Available
Body/Extension
Models



Body Depth Extension
Available as Factory
Assembled Unit Only

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)

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

Material: HDPE

2424-18

Weight: 32.0 lbs.

Model: 2424-18

D. 31.4" (797 mm)

C. 26.4" (668 mm)

E. 35.4" (899 mm)

2436-18

Weight: 39.5 lbs.

Model: 2436-18

D. 43" (1,092 mm)

C. 38" (965 mm)

E. 47" (1,193 mm)

2448-18

Weight: 47.5 lbs.

Model: 2448-18

D. 55.25" (1,403 mm)

C. 50.3" (1,278 mm)

E. 59.4" (1,509 mm)

2460-18

Weight: 55.25 lbs.

Model: 2460-18

D. 66.9" (1,699 mm)

C. 61.9" (1,572 mm)

E. 71" (1,803 mm)

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



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111

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.

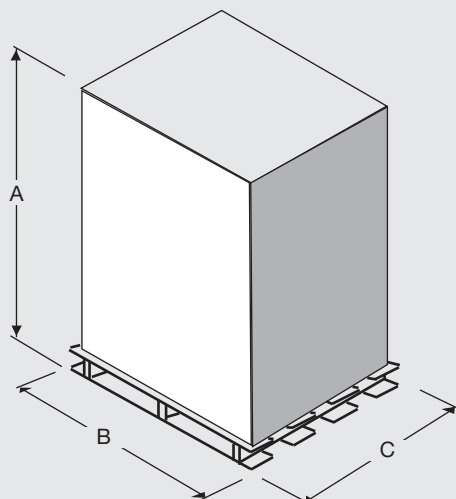
Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in ²	D 1822	27
Flexural Modulus, psi	D 790	120,000 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

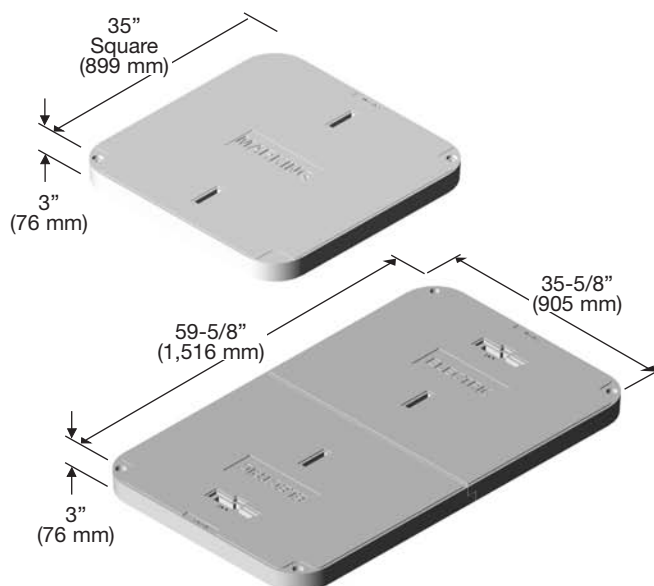
¹The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.

Shipping Information



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

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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)

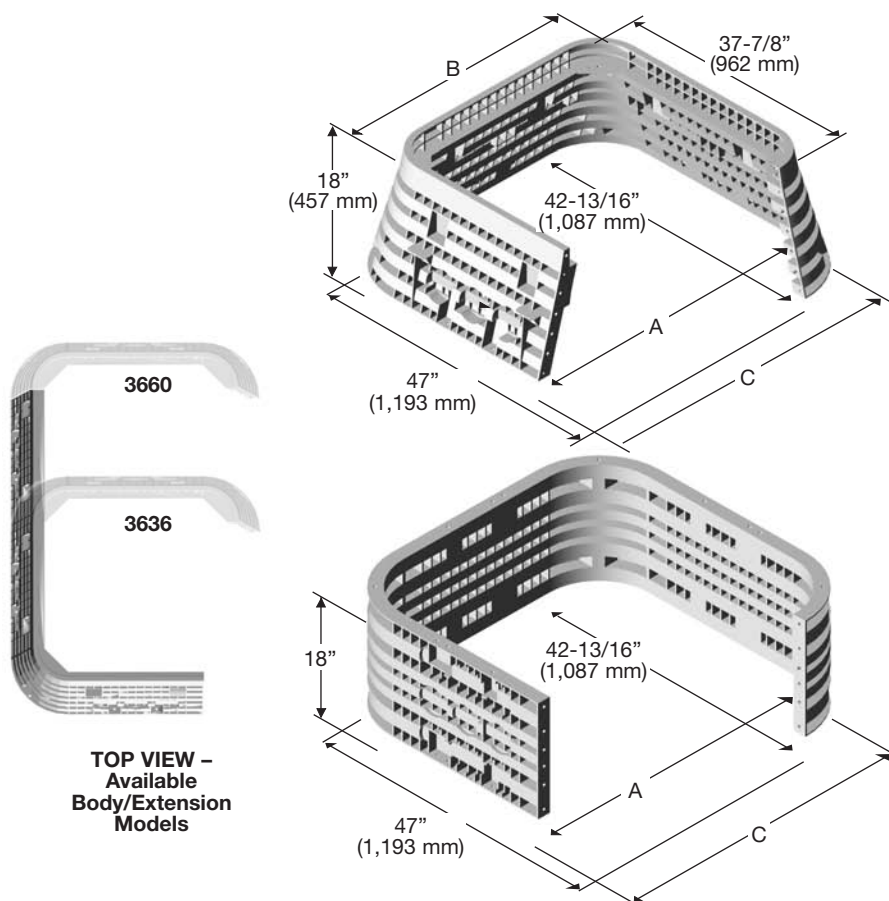
Material: HDPE
Model: 3636-18X Weight: 52.25 lbs.
3660-18X Weight: 73.25 lbs.

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



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111

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.

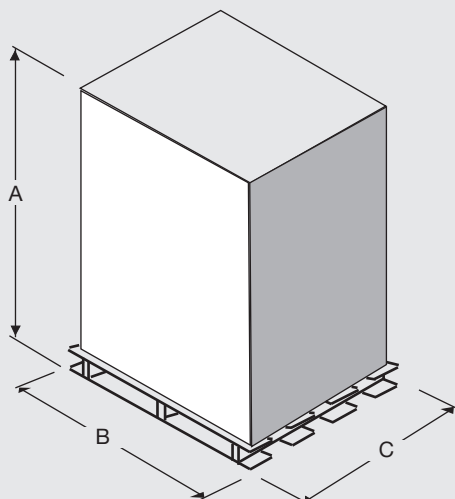
Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in ²	D 1822	27
Flexural Modulus, psi	D 790	120,000 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

¹The 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

Dim.	Description	Value
A	Height	52"
B	Length	48"
C	Width	70"

Units: 5 per pallet
Weight: 1,168 lbs. per pallet

COVER 3636

Dim.	Description	Value
A	Height	36"
B	Length	42"
C	Width	48"

Units: 10 per pallet
Weight: 1,795 lbs. per pallet

BODY 3636-18

Dim.	Description	Value
A	Height	85"
B	Length	48"
C	Width	70"

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

UNIT 3660-18

Dim.	Description	Value
A	Height	61"
B	Length	48"
C	Width	72"

Units: 4 per pallet
Weight: 1,627 lbs. per pallet

COVER 3660 (2 piece)

Dim.	Description	Value
A	Height	21"
B	Length	42"
C	Width	60"

Units: 5 sets per pallet
Weight: 1,765 lbs. per pallet

BODY 3660-18

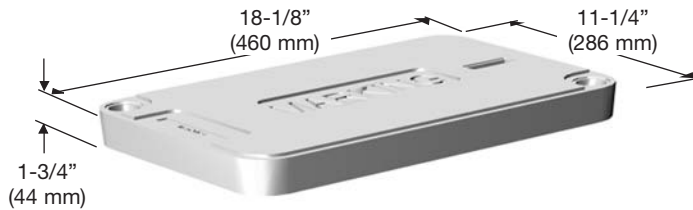
Dim.	Description	Value
A	Height	85"
B	Length	48"
C	Width	72"

Units: 8 per pallet
Weight: 559 lbs. per pallet

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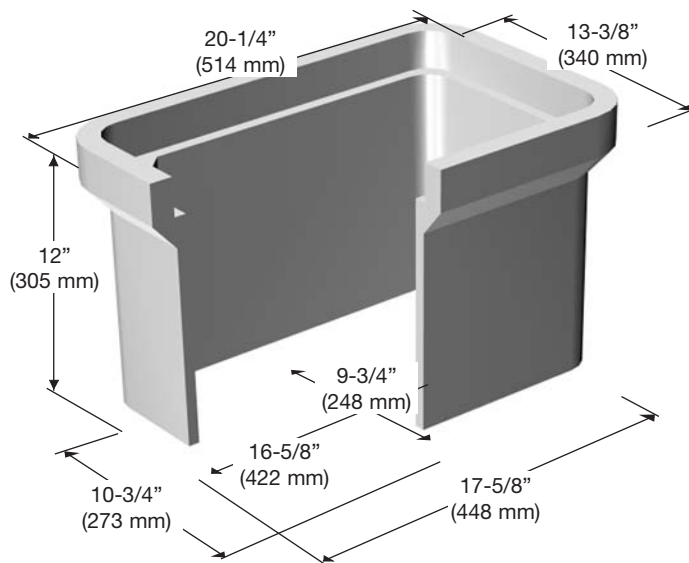
H Series H1118-12

Heavy Duty



Cover¹

Material: Polymer Concrete
Weight: 22.0 lbs. (10.0 kgs)
Model: 1118-P1
Skid Resistant Surface²
(Material and cover dimensions compliant with WUC, Guide 3.6³)



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



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111

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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

¹AASHTO 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

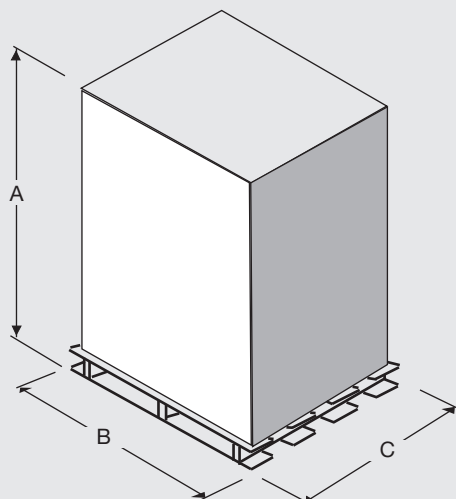
²Coefficient of Friction (ASTM C1028) >0.5.

³Western Underground Committee, Guide 3.6

⁴Specimens 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.

⁵Capable 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

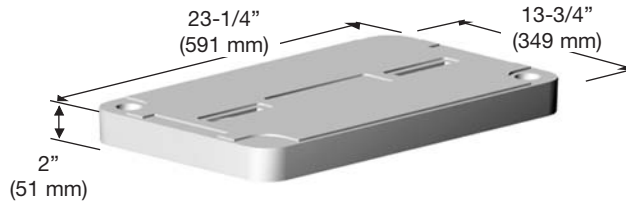
Units: 80 per pallet
Weight: 1,805 lbs. per pallet

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

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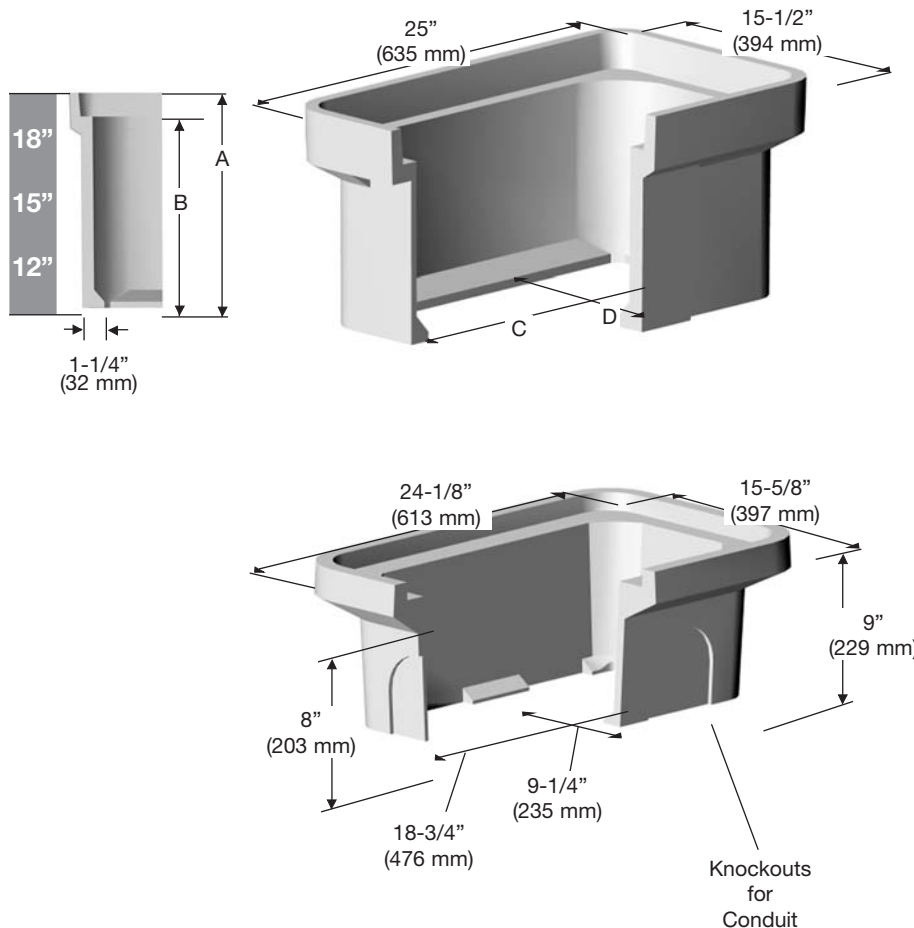
H Series H1324

Heavy Duty



Cover¹

Material: Polymer Concrete
Weight: 47.0 lbs. (21.3 kgs)
Model: H1324-P1
Skid Resistant Surface²
(Material and cover dimensions compliant with WUC, Guide 3.6³)



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



Pomona, California
Toll-Free: 800.735.5566
Phone: 909.634.3020
Fax: 800.827.7111

Vertical and Lateral Load Rating

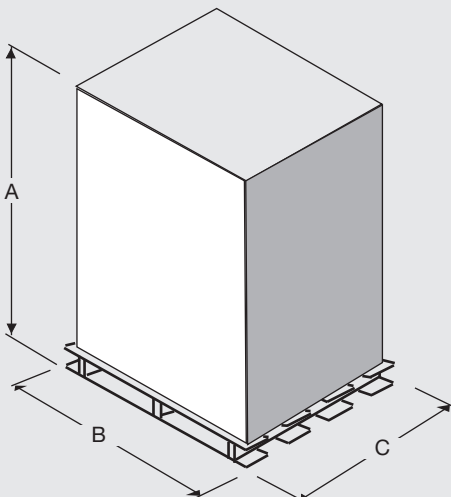
Heavy Duty Covers

- 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



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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

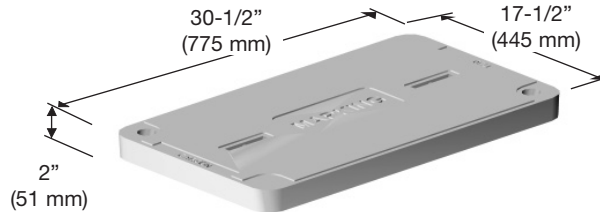
- ¹AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.
AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf
²Coefficient of Friction (ASTM C1028) >0.5.
³Western Underground Committee, Guide 3.6
⁴Specimens exposed to ten 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.
⁵Capable 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			Units: 20 per pallet			Units: 15 per pallet		
Weight: 2,025 lbs. per pallet			Weight: 2,185 lbs. 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			Units: 20 per pallet			Units: 15 per pallet		
Weight: 1,085 lbs. per pallet			Weight: 1,245 lbs. 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			Units: 25 per pallet					
Weight: 4,745 lbs. per pallet			Weight: 870 lbs. per pallet					

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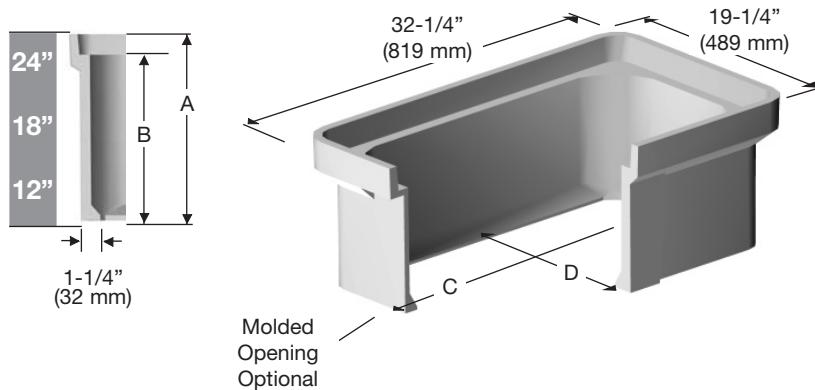
H Series H1730

Heavy Duty



Cover¹

Material: Polymer Concrete
Weight: 75.0 lbs. (34 kgs)
Model: H1730-P1
Skid Resistant Surface²
(Material and cover dimensions compliant with WUC, Guide 3.6³)



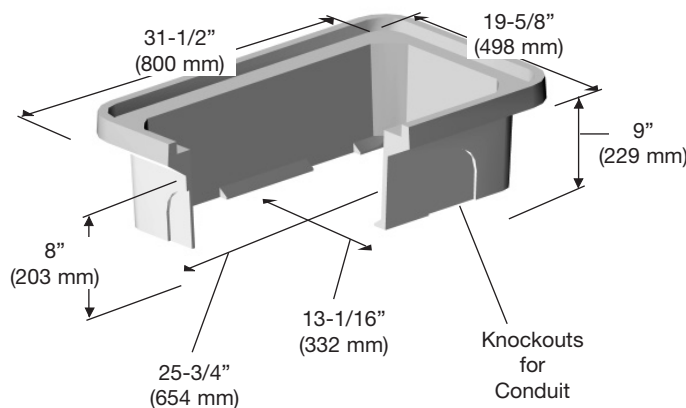
Bodies (12", 18", 24")

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



Pomona, California
Toll-Free: 800.735.5566
Phone: 909.634.3020
Fax: 800.827.7111

Vertical and Lateral Load Rating

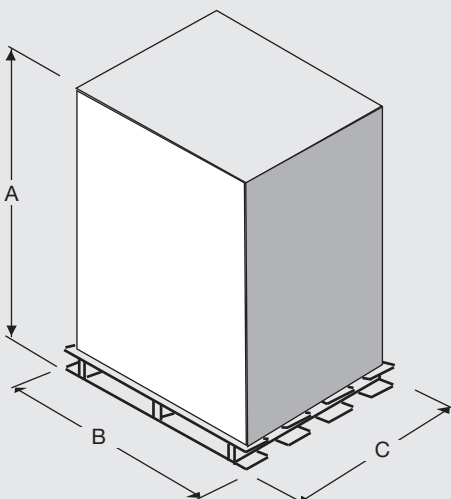
Heavy Duty Covers

- 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



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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

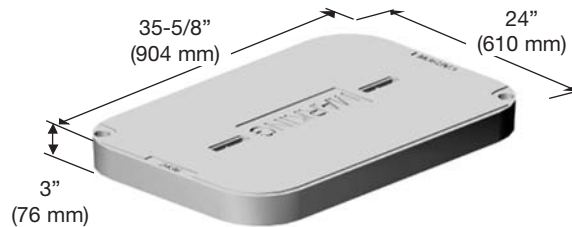
¹AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.
AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf
²Coefficient of Friction (ASTM C1028) >0.5.
³Western Underground Committee, Guide 3.6
⁴Specimens exposed to ten 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.
⁵Capable of withstanding 70 ft lbs impact with a type "C" Tup.

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

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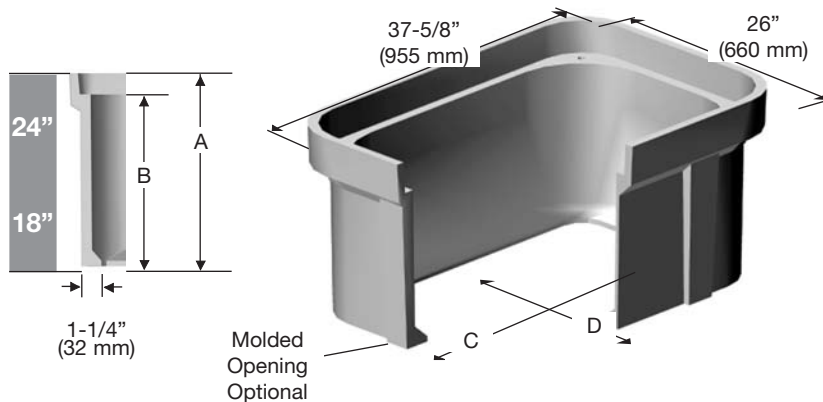
H Series H2436

Heavy Duty



Cover¹

Material: Polymer Concrete
Weight: 185.0 lbs. (83.9 kgs)
Model: H2436-P1
Skid Resistant Surface²
(Material and cover dimensions compliant with WUC, Guide 3.6³)



Bodies (18", 24")

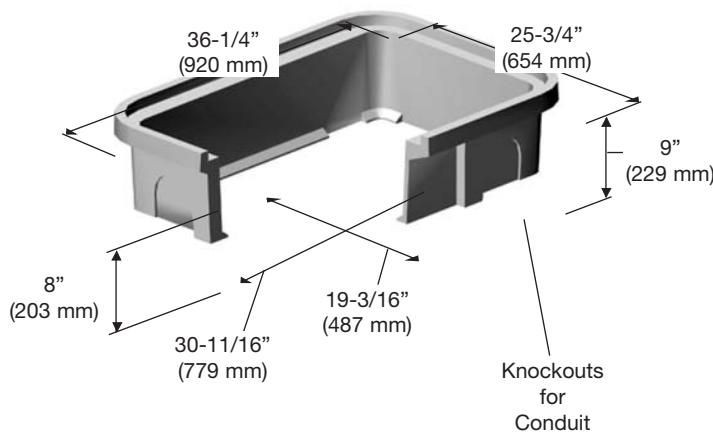
Material: Polymer Concrete

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



Pomona, California
Toll-Free: 800.735.5566
Phone: 909.634.3020
Fax: 800.827.7111

Vertical and Lateral Load Rating

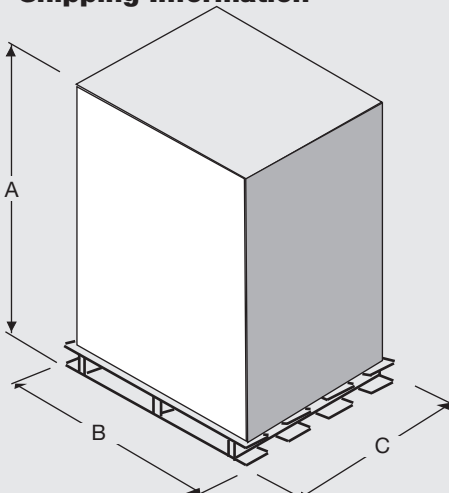
Heavy Duty Covers

- 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



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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

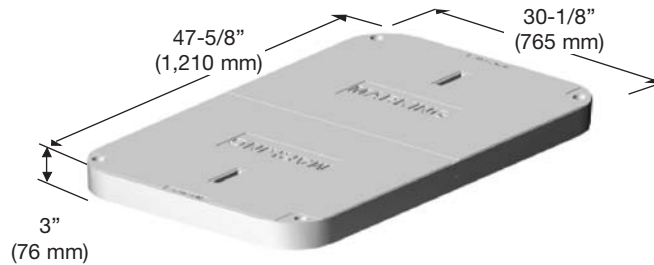
¹AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf.
AASHTO H-20, ASTM C 857 A-16, 16,000 lbs Design Load. Static Vertical Load Rating > 45,760 lbf
²Coefficient of Friction (ASTM C1028) >0.5.
³Western Underground Committee, Guide 3.6
⁴Specimens exposed to ten 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.
⁵Capable 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"
Units: 4 per pallet			Units: 20 per pallet		
Weight: 1,297 lbs. per pallet			Weight: 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"
Units: 4 per pallet			Units: 4 per pallet		
Weight: 557 lbs. per pallet			Weight: 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"
Units: 10 per pallet			Units: 5 per pallet		
Weight: 1,895 lbs. per pallet			Weight: 345 lbs. per pallet		

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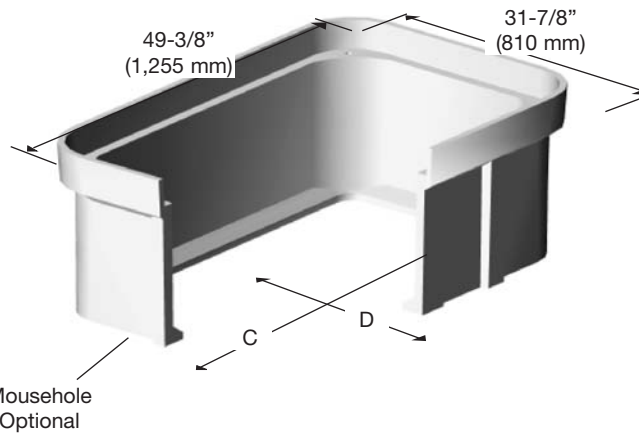
H Series H3048

Heavy Duty



Cover¹ (2 piece)

Material: Polymer Concrete
Weight: 144.0 lbs. (65.3 kgs) per half cover
Model: H3048-P1
Skid Resistant Surface²
(Material and cover dimensions compliant with WUC, Guide 3.6³)



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

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

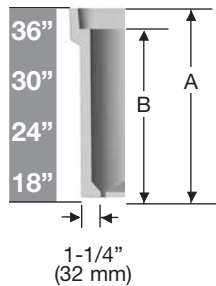
Pull Slot 1/2" x 4" (13 mm x 102 mm)

Steel Covers Optional

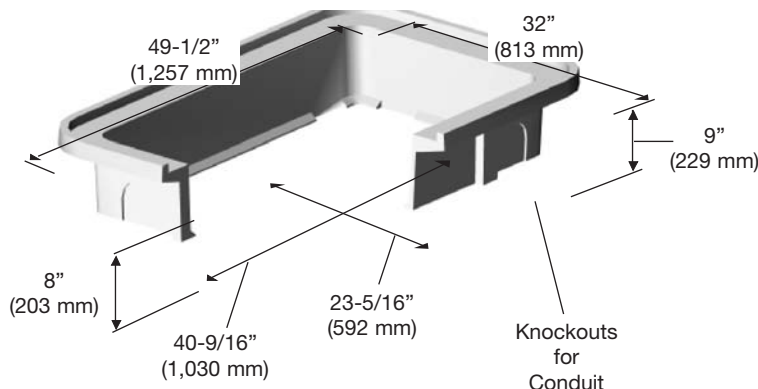
Boxes are stackable. 24" deep shall be used as the lower box only. Vertical load ratings are stated for single boxes. For units with MOLDED OPENINGS, subtract 2 lbs from Unit Weight. Weights may vary slightly. Dimensions in inches with metric equivalents.

Revision Date 4/2003

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



H Series H3048

Heavy Duty



Pomona, California
Toll-Free: 800.735.5566
Phone: 909.634.3020
Fax: 800.827.7111

Vertical and Lateral Load Rating

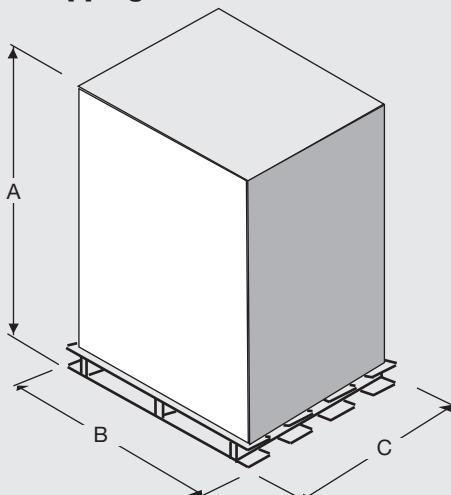
Heavy Duty Covers

- 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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

¹AASHTO 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
²Coefficient of Friction (ASTM C1028) >0.5.
³Western Underground Committee, Guide 3.6
⁴Specimens 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.
⁵Capable of withstanding 70 ft lbs impact with a type "C" Tup.

UNIT 3048-18

Dim.	Description	Value
A	Height	42"
B	Length	42"
C	Width	54"

Units: 2 per pallet

Weight: 961 lbs. per pallet

BODY 3048-18

Dim.	Description	Value
A	Height	42"
B	Length	42"
C	Width	54"

Units: 4 per pallet

Weight: 715 lbs. per pallet

COVER

Dim.	Description	Value
A	Height	21"
B	Length	42"
C	Width	48"

Units: 15 sets per pallet

Weight: 1,485 lbs. per pallet

UNIT 3048-24

Dim.	Description	Value
A	Height	54"
B	Length	42"
C	Width	54"

Units: 2 per pallet

Weight: 1,071 lbs. per pallet

BODY 3048-24

Dim.	Description	Value
A	Height	54"
B	Length	42"
C	Width	54"

Units: 4 per pallet

Weight: 935 lbs. per pallet

BOTTOM EXTENSION

Dim.	Description	Value
A	Height	47"
B	Length	42"
C	Width	48"

Units: 5 per pallet

Weight: 540 lbs. per pallet

UNIT 3048-30

Dim.	Description	Value
A	Height	36"
B	Length	42"
C	Width	54"

Units: 2 per pallet

Weight: 1,173 lbs. per pallet

BODY 3048-30

Dim.	Description	Value
A	Height	36"
B	Length	42"
C	Width	54"

Units: 2 per pallet

Weight: 597 lbs. per pallet

UNIT 3048-36

Dim.	Description	Value
A	Height	42"
B	Length	42"
C	Width	54"

Units: 2 per pallet

Weight: 1,259 lbs. per pallet

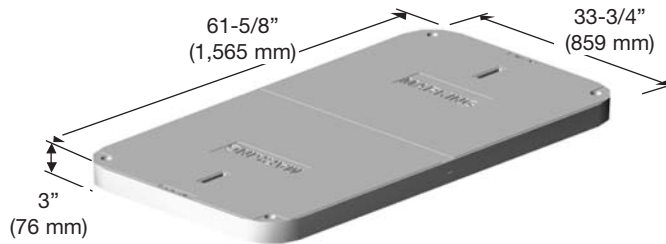
BODY 3048-36

Dim.	Description	Value
A	Height	42"
B	Length	42"
C	Width	54"

Units: 2 per pallet

Weight: 683 lbs. per pallet

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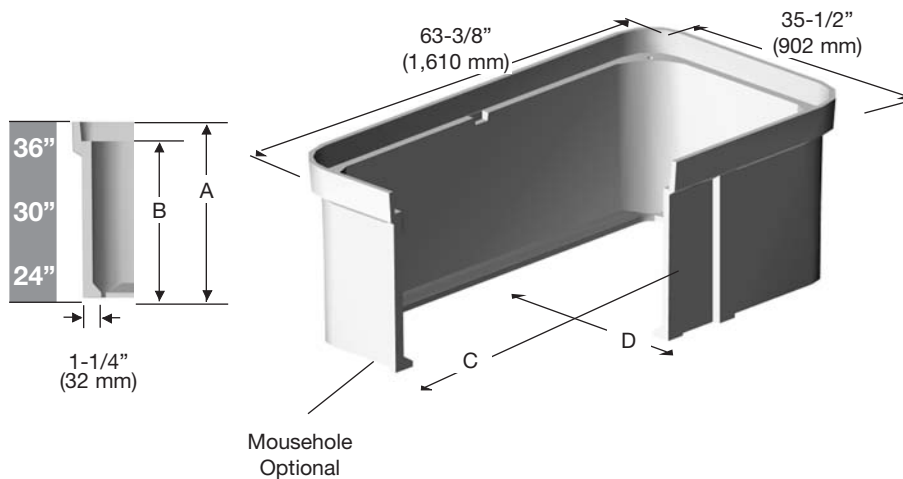


H Series H3060

Heavy Duty

Cover¹ (2 piece)

Material: Polymer Concrete
Weight: 204.0 lbs. (92.5 kgs) per half cover
Model: H3060-P1
Skid Resistant Surface²
Material compliant with WUC, Guide 3.6³



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



Pomona, California
Toll-Free: 800.735.5566
Phone: 909.634.3020
Fax: 800.827.7111

Vertical and Lateral Load Rating

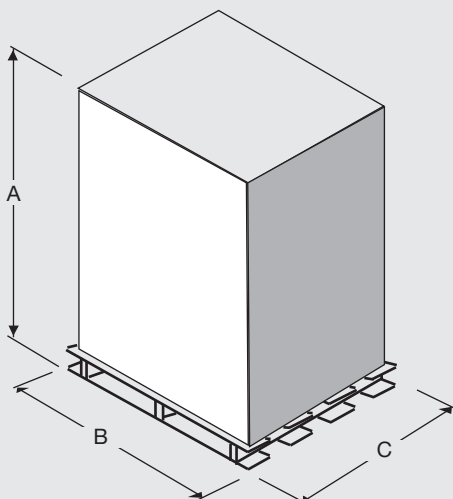
Heavy Duty Covers

- 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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

¹AASHTO 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

²Coefficient of Friction (ASTM C1028) >0.5.

³Western Underground Committee, Guide 3.6

⁴Specimens 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.

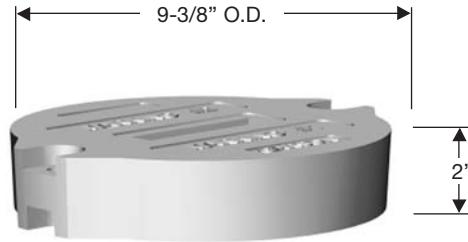
⁵Capable of withstanding 70 ft lbs impact with a type "C" Tup.

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

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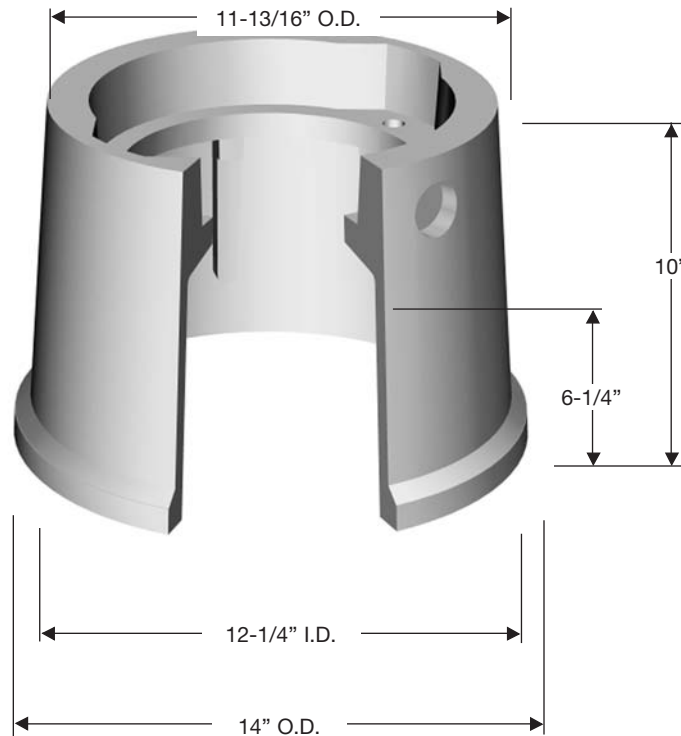
H Series H910 (Round)

Heavy Duty



Cover

Material: Polymer Concrete
Weight: 10 lbs. (4.5 kg)
Model: H910-P1
Skid Resistant Surface²
Material Compliant with WUC,
(Guide 3.6³)



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



Pomona, California
Toll-Free: 800.735.5566
Phone: 909.634.3020
Fax: 800.827.7111

Vertical and Lateral Load Rating

Heavy Duty Covers

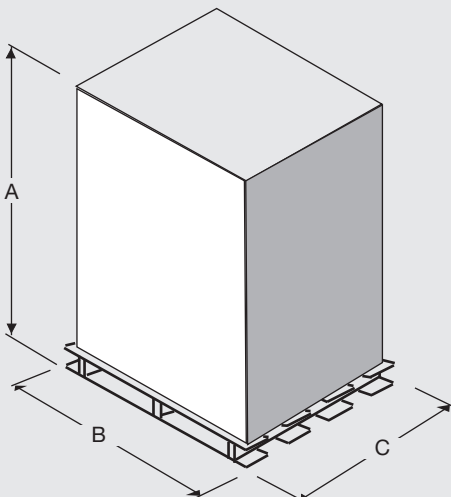
- Compliant with AASHTO, Design Load of H-10; ASTM C 857-95, Design Load of A-8, 8,000 lbs. Capable of withstanding a Static Load of >22,880 lbf transferred through a 10" x 10" steel plate centered on the cover and body.
- Compliant with AASHTO, Design Load of H-20; ASTM C 857-95, Design Load of A-16, 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.

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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

¹AASHTO 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
²Coefficient of Friction (ASTM C1028) >0.5.
³Western Underground Committee, Guide 3.6
⁴Specimens 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.
⁵Capable of withstanding 70 ft lbs impact with a type "C" Tup.

Shipping Information

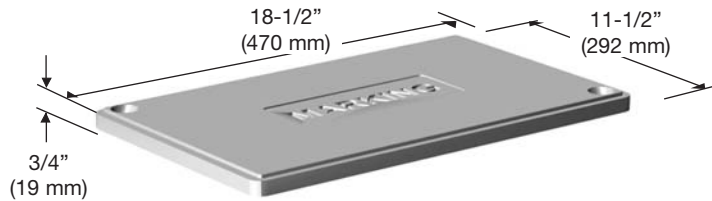


UNIT			COVER			BODY		
Dim.	Description	Value	Dim.	Description	Value	Dim.	Description	Value
A	Height	40"	A	Height	27"	A	Height	40"
B	Length	42"	B	Length	42"	B	Length	42"
C	Width	48"	C	Width	48"	C	Width	48"
Units: 36 per pallet			Units: 160 per pallet			Units: 36 per pallet		
Weight: 1,192 lbs. per pallet			Weight: 10 lbs. per pallet			Weight: 22 lbs. per pallet		

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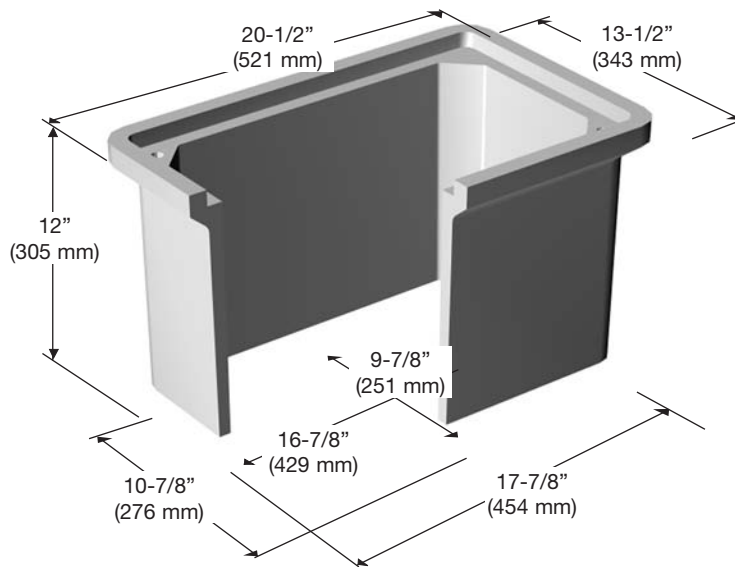
H Series HLW1118-12

Light Weight



Cover¹

Material: Polymer Concrete
Weight: 10.0 lbs. (4.5 kgs)
Model: HLW1118-P0
Skid Resistant Surface²
(Material compliant with WUC, Guide 3.6³)



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



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111

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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

¹AASHTO 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

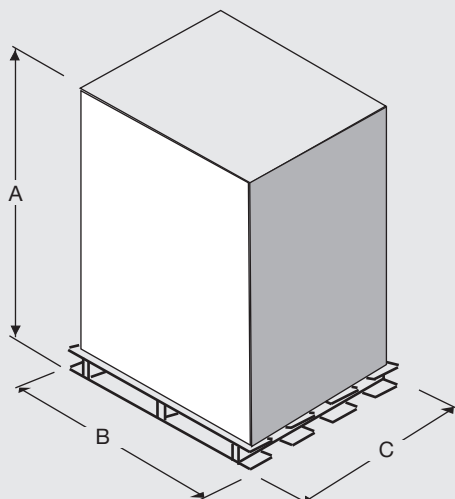
²Coefficient of Friction (ASTM C1028) >0.5.

³Western Underground Committee, Guide 3.6

⁴Specimens 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.

⁵Capable 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

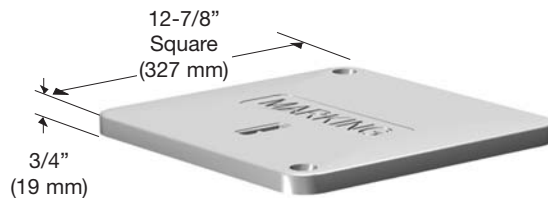
Units: 160 per pallet
Weight: 1,645 lbs. per pallet

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

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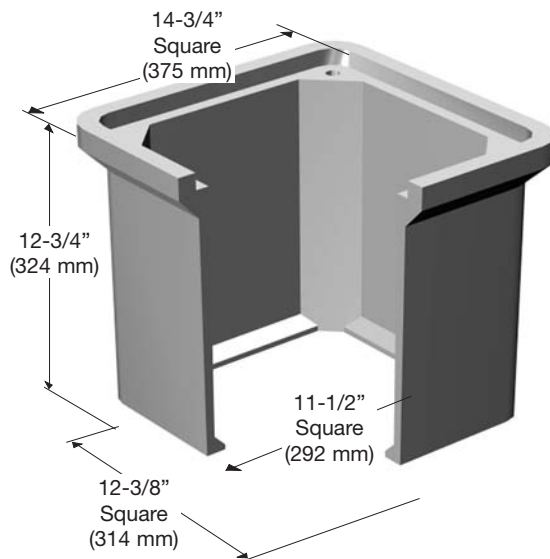
H Series HLW1212

Light Weight



Cover¹

Material: Polymer Concrete
Weight: 10.0 lbs. (4.5 kgs)
Model: HLW1212-P0
Skid Resistant Surface²
(Material compliant with WUC,
Guide 3.6³)



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

Light Weight



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111

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 ⁴
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ⁵

¹AASHTO 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

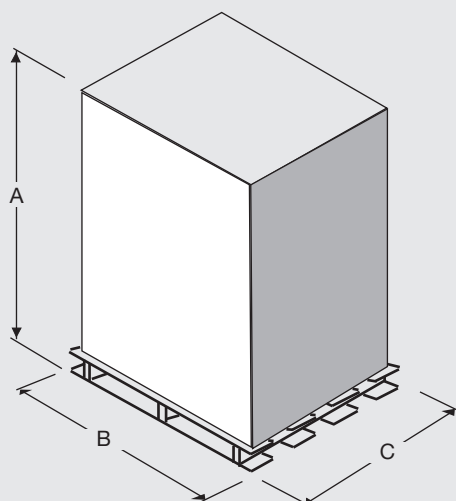
²Coefficient of Friction (ASTM C1028) >0.5.

³Western Underground Committee, Guide 3.6

⁴Specimens 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.

⁵Capable 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"

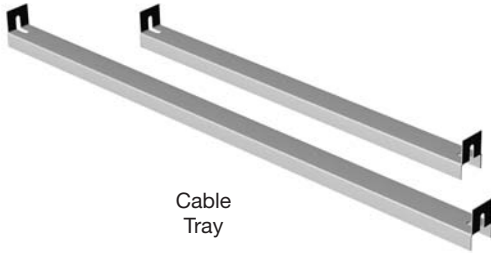
Units: 45 per pallet
Weight: 1,485 lbs. per pallet

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

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

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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.*

Accessories



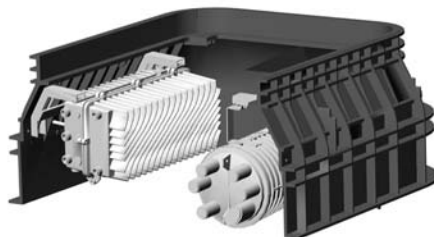
Oldcastle Precast®
Enclosure Solutions

Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111



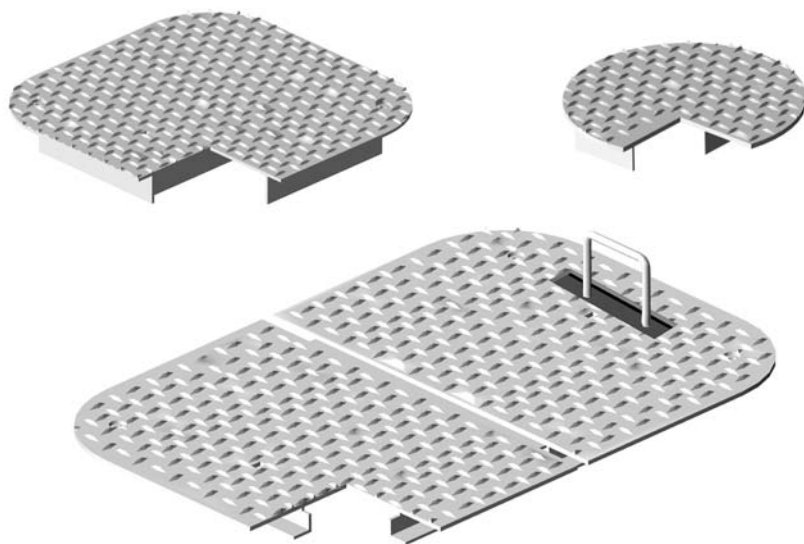
Tap or Splitter
Mounting





Pomona, California
Toll-Free: 800.735.5566
Phone: 909.634.3020
Fax: 800.827.7111

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.

Revision Date 4/2003
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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

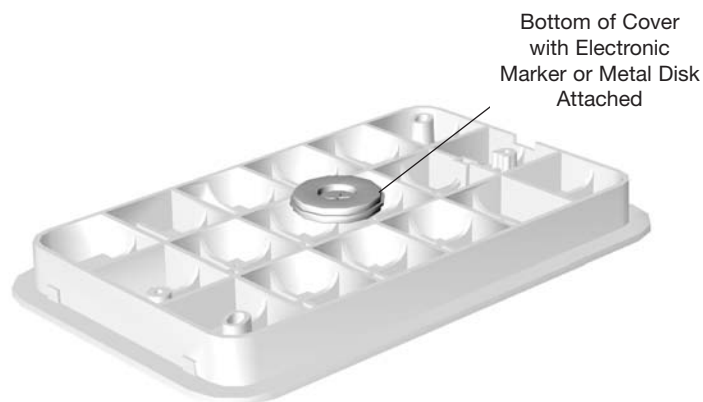
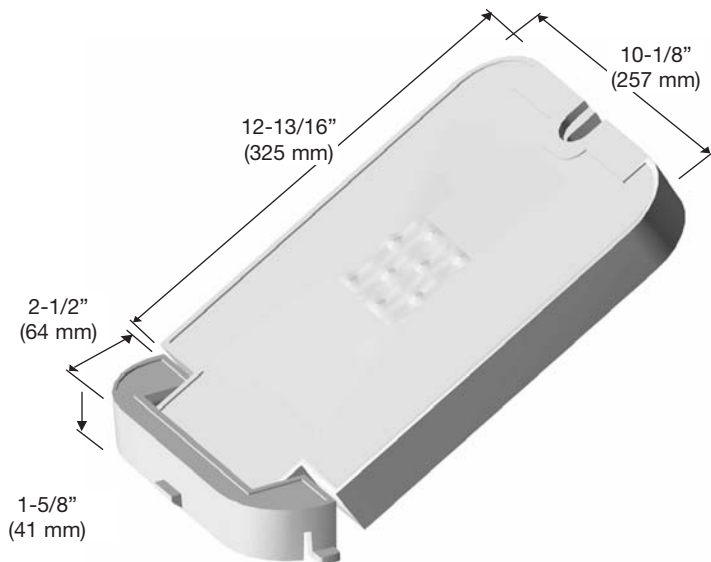


Pomona, California

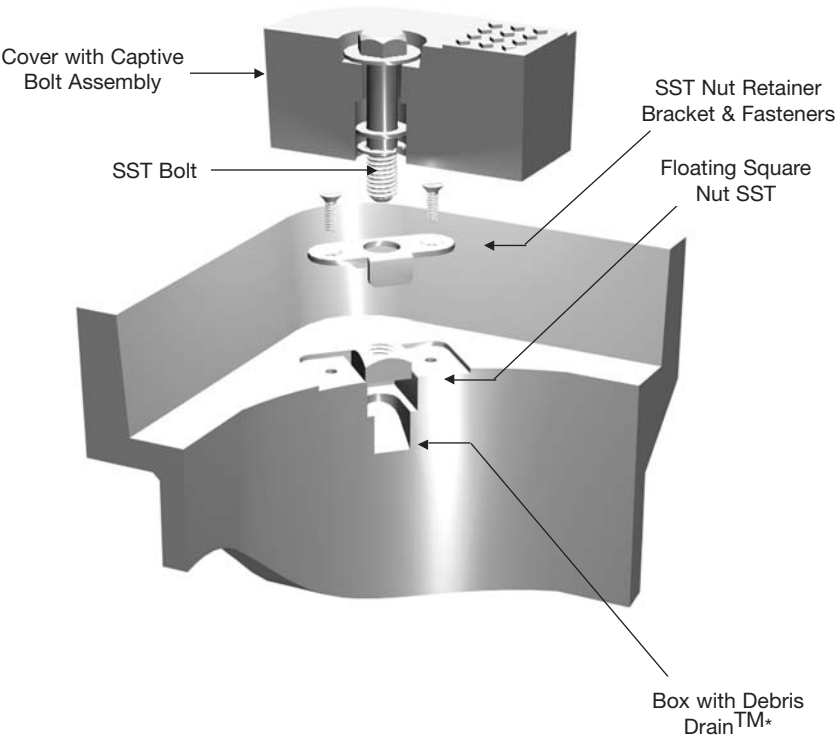
Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111



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



Pomona, California

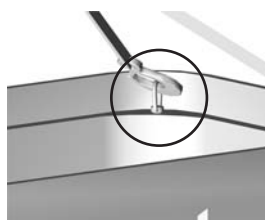
Toll-Free: 800.735.5566

Phone: 909.634.3020

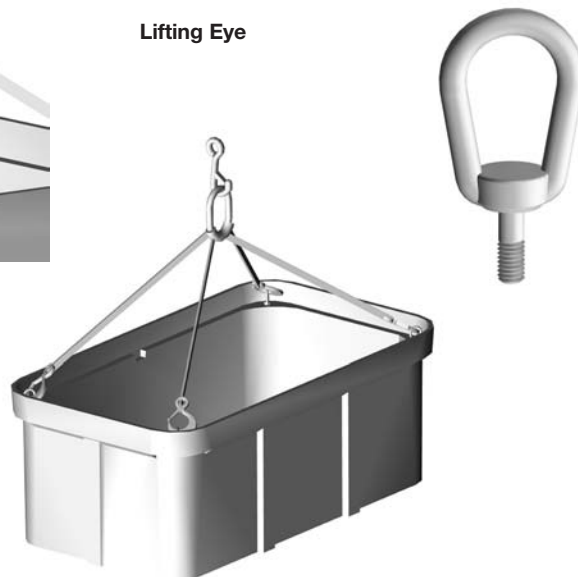
Fax: 800.827.7111

Hardware

Lifting Eye



Lifting Eye

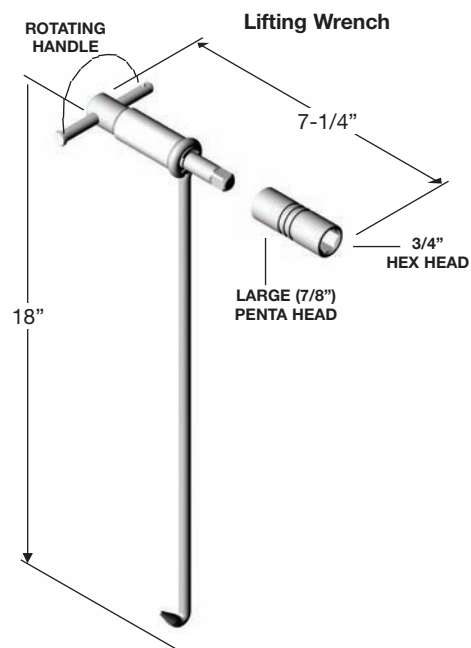
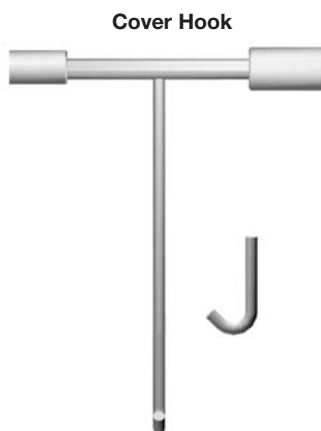


Cover Hook

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

Lifting Wrench

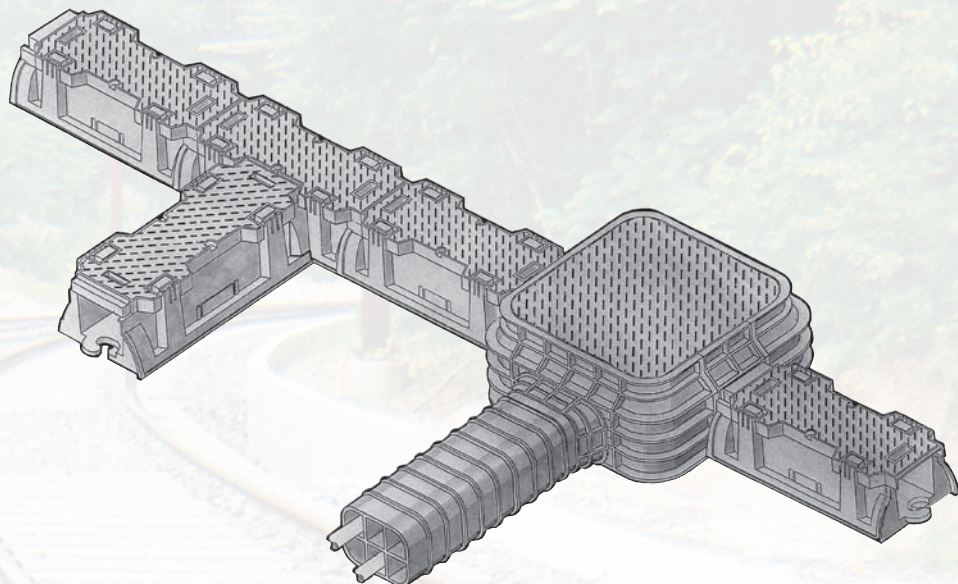
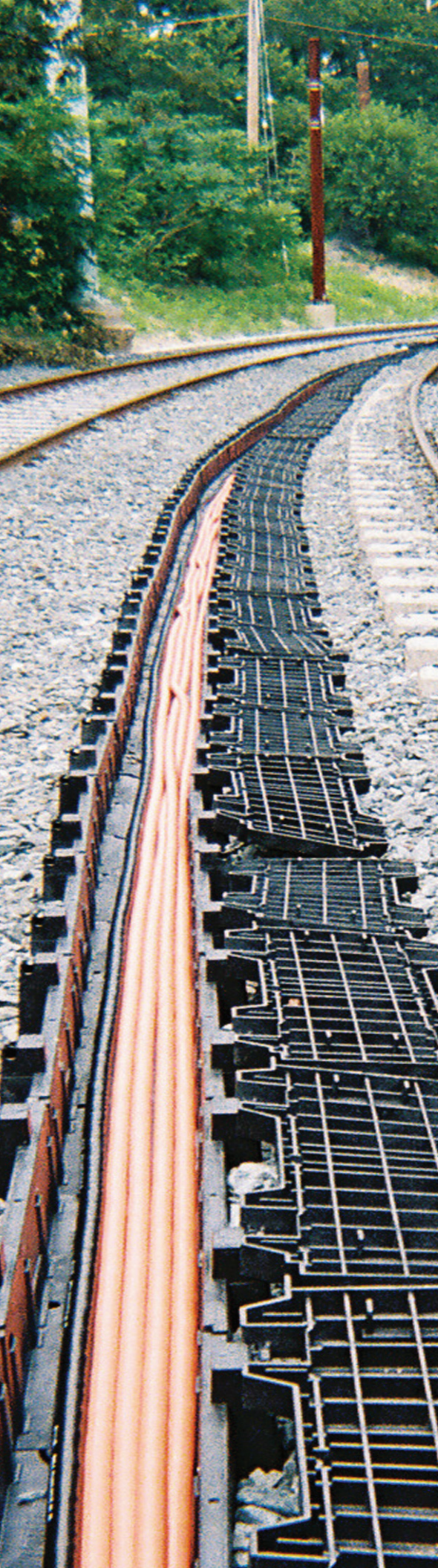
(Combination Lifting Hook/Cover Bolt Wrench)



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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- **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**

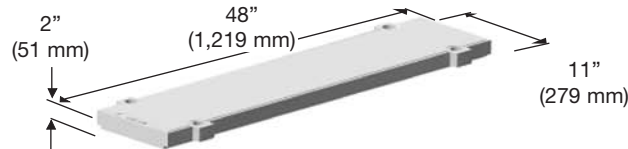
Want more information or a quote? Contact Customer Service at (800) 735-5566 or oldcastleprecast.com/enclosuresolutions
Oldcastle Precast Enclosure Solutions has your solution.



Oldcastle Precast®
Enclosure Solutions

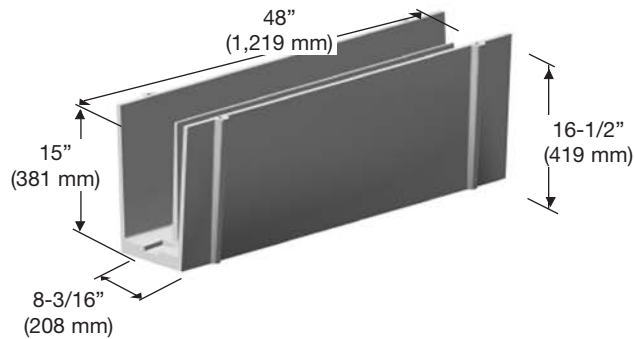
Cable Troughs

Railduct™



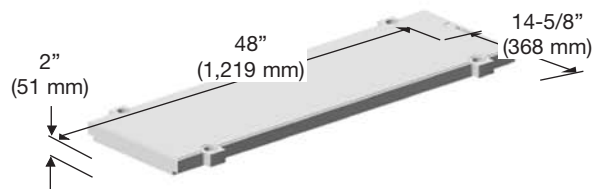
Railduct™ 815 Cover

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



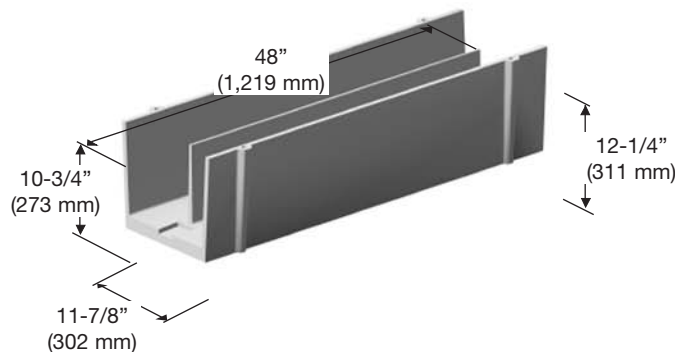
Railduct™ 815 Body

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™



Oldcastle Precast®
Enclosure Solutions

Pomona, California

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Phone: 909.634.3020

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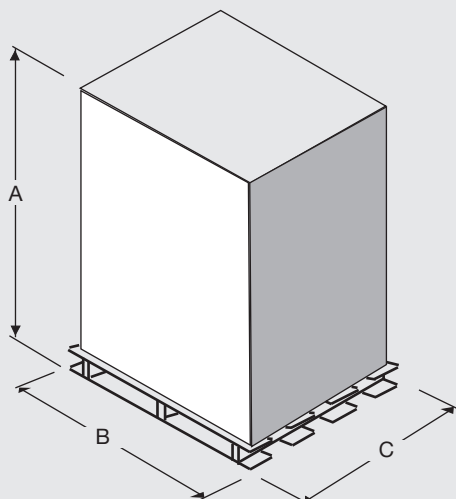
Vertical and Lateral Load Rating

- 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 ¹
Impact Resistance	D 2444-93	Pass ²

¹Specimens 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.

²Capable of withstanding 70 ft lbs impact with a type "C" Tup.

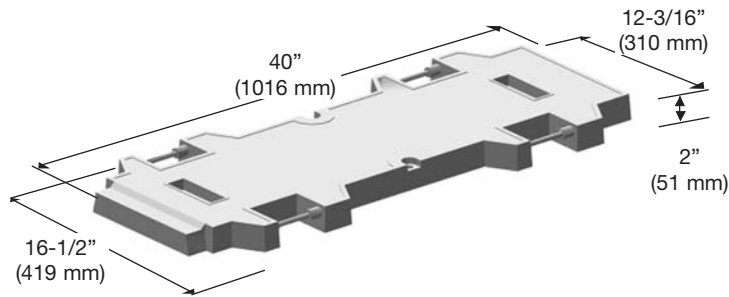
Shipping Information

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

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Cable Troughs

Railduct™

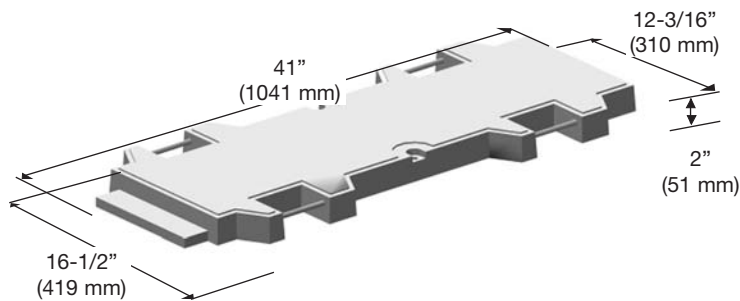


Railduct™ 0908 HDPE Cover

Material: HDPE

Weight: 12.0 lbs. (5.4 kg)

Model: RD98-39-C-HDPE

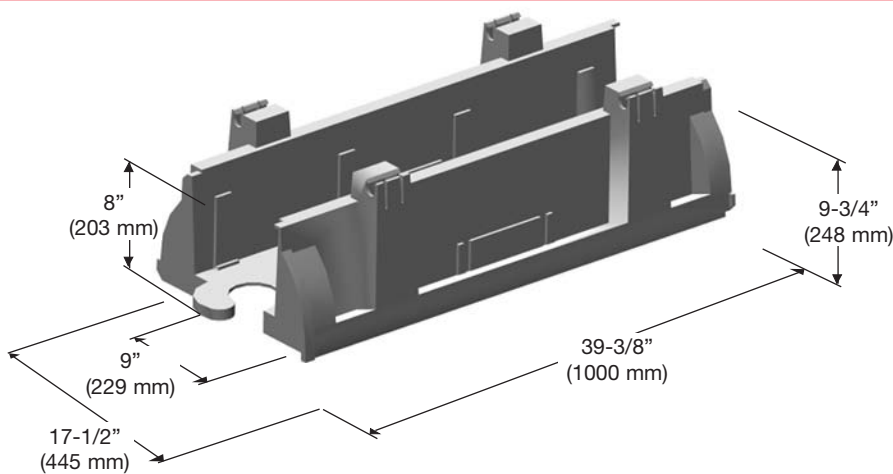


Railduct™ 0908 PC Cover

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™



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111

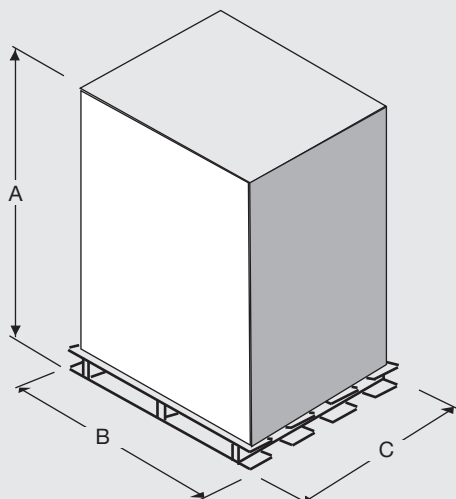
Vertical and Lateral Load Rating

- Body with HDPE lid is compliant with ASTM C 857-95, A-0.3, design load of 300 lbf/ft².
- 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 ¹ N/A	N/A Pass ²
Impact Resistance	D 2444-93	N/A	Pass ³

¹Test reports available on request.

²Specimens 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.

³Capable of withstanding 70 ft lbs impact with a type "C" Tup.

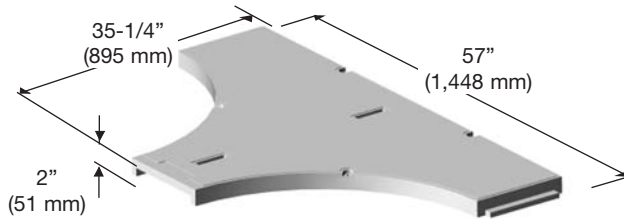
Shipping Information

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

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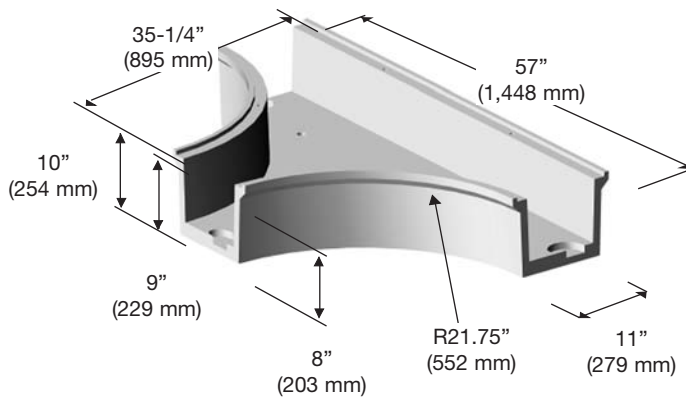
Cable Trough Options

Tee, Sweep & Divider



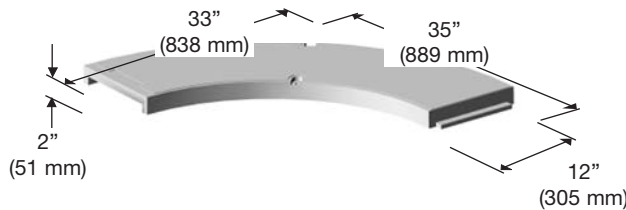
Railduct™ Tee Cover

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



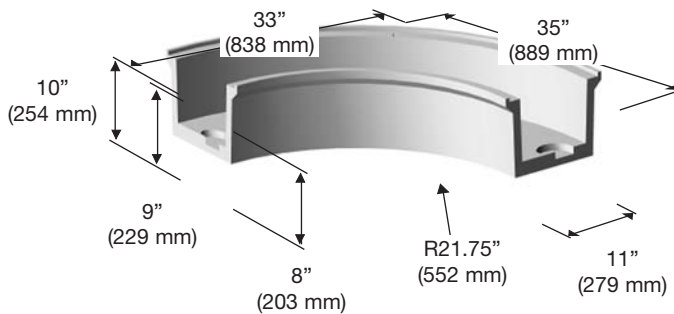
Railduct™ Tee Body

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



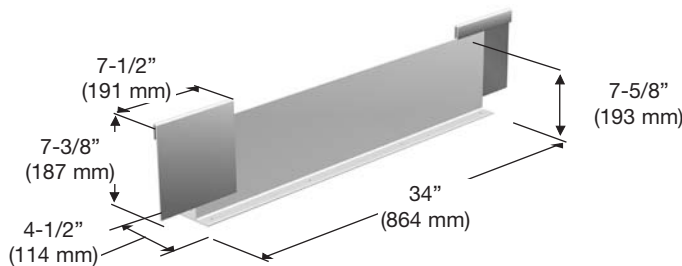
Railduct™ 90o Cover

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



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111

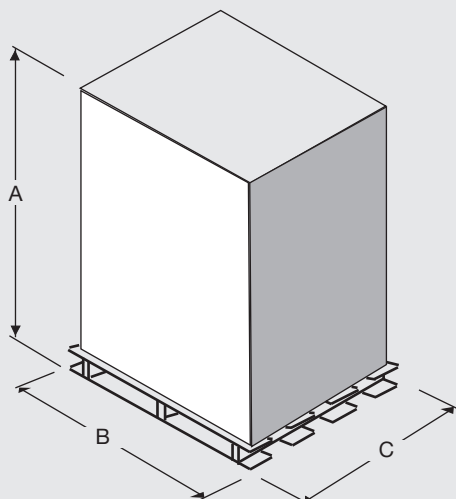
Vertical and Lateral Load Rating

- 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 ¹
Impact Resistance	D 2444-93	Pass ²

¹Specimens 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.

²Capable of withstanding 70 ft lbs impact with a type "C" Tup.

Shipping Information

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

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STANDARD CONDUIT SECTIONS

4W-42



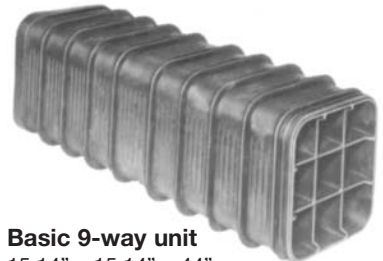
Basic 4-way unit
10.43" x 10.43" x 44"
14 duct feet
42" laying length
15 lbs.

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

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 18 18	38 44 50	24 30 36	17.6 20.4 23.1	6.89	1.15
6-WAY 3 WIDE X 2 HIGH (1-6W)	24 24 24	34 40 46	24 30 36	21.0 24.7 28.4	7.16	1.19
9-WAY 3 WIDE X 3 HIGH (1-9W)	24 24 24	38 44 50	24 30 36	23.4 27.2 30.9	8.55	0.95
12-WAY 6 WIDE X 2 HIGH (2-6W)	40 40 40	34 40 46	24 30 36	35.0 41.1 47.3	10.84	0.90
12-WAY 4 WIDE X 3 HIGH (2-6W)	30 30 30	38 44 50	24 30 36	29.3 33.9 38.6	10.32	0.86
*12-WAY 3 WIDE X 4 HIGH (2-6W)	24 24 24	45 51 57	24 30 36	27.7 31.5 35.2	12.90	1.08
*15-WAY 3 WIDE X 5 HIGH (1-9W 1-6W)	26 26 26	50 56 62	24 30 36	33.4 37.4 41.5	14.70	0.98
15-WAY 5 WIDE X 3 HIGH (1-9W 1-6W)	36 36 36	38 44 50	24 30 36	35.2 40.7 46.3	12.00	0.80
*18-WAY 3 WIDE X 6 HIGH (2-9W)	26 26 26	55 61 67	24 30 36	36.8 40.8 44.8	16.39	0.91
18-WAY 6 WIDE X 3 HIGH (2-9W)	40 40 40	38 44 50	24 30 36	39.1 45.3 51.4	12.54	0.70
*18-WAY 3 WIDE X 6 HIGH (3-6W)	26 26 26	57 63 69	24 30 36	38.1 42.1 46.1	17.98	0.99
*21-WAY 3 WIDE X 7 HIGH (2-6W 1-9W)	26 26 26	62 68 74	24 30 36	41.5 45.5 49.5	19.67	0.94
*24-WAY 6 WIDE X 4 HIGH (4-6W)	40 40 40	46 52 58	24 30 36	47.3 53.5 59.6	16.80	0.70
*24-WAY 4 WIDE X 6 HIGH (4-6W)	30 30 30	54 60 66	24 30 36	41.7 46.3 50.9	17.10	0.71
*27-WAY 3 WIDE X 9 HIGH (3-9W)	26 26 26	71 77 83	24 30 36	47.5 51.5 55.5	24.96	0.92
*36-WAY 6 WIDE X 6 HIGH (4-9W)	40 40 40	54 60 66	24 30 36	55.6 61.7 67.9	20.35	0.56
*36-WAY 6 WIDE X 6 HIGH (6-6W)	40 40 40	57 63 69	24 30 36	58.6 64.8 70.9	25.20	0.70
*36-WAY 4 WIDE X 9 HIGH (6-6W)	30 30 30	71 77 83	24 30 36	54.8 59.4 64.0	26.09	0.72
*42-WAY 6 WIDE X 8 HIGH (4-9W 1-6W)	40 40 40	81 87 93	24 30 36	83.3 89.5 95.7	32.24	0.77

Additional formations upon request.

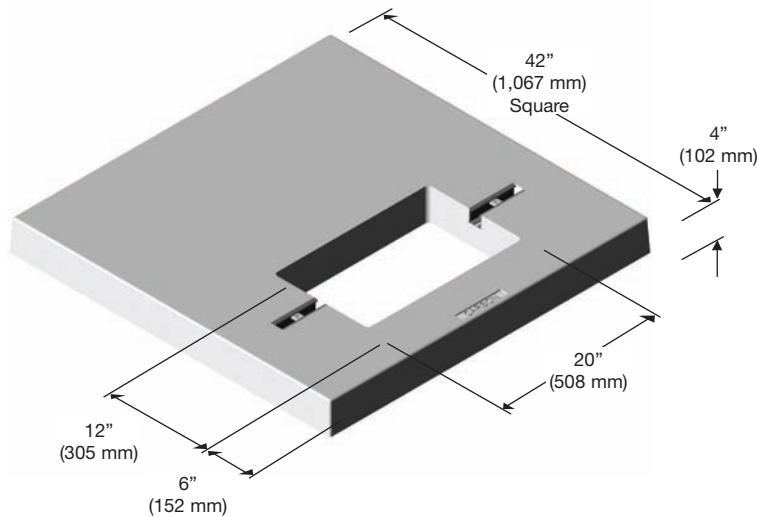
*A 2-inch horizontal soil separation between conduit runs is included in backfill volume specifications.

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

Equipment Pads

Transformer Pads

Model: EP4242-4



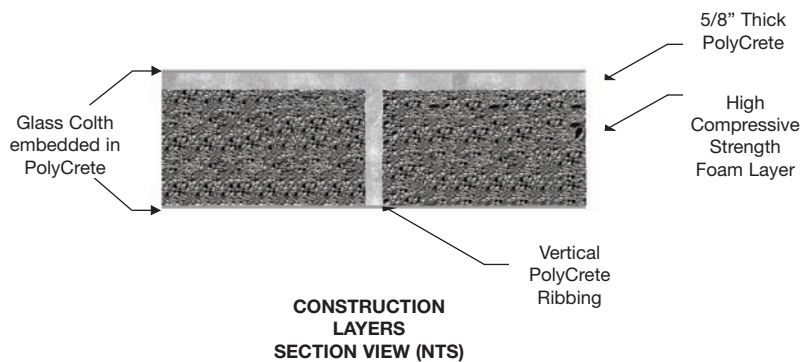
Base

Material: Polymer Concrete

Weight

140 lbs.

Skid Resistant Surface²
(Material compliant with WUC,
TRANSFORMER SPEC)



Equipment Pads

Transformer Pads

Model: EP4242-4



Pomona, California

Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111

Shipping Configuration

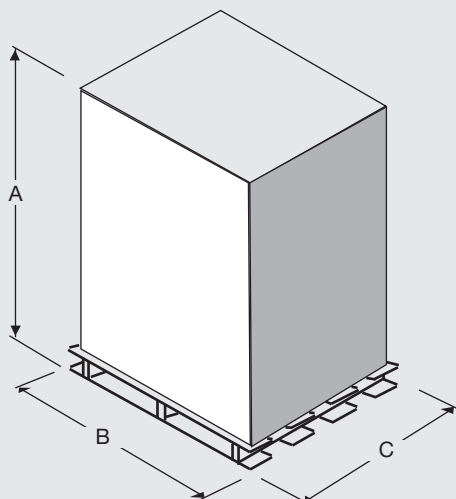
Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength* Modulus of Elasticity*	C580-93	1,800 psi 2,900,000 psi
Chemical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

²Coefficient of Friction (ASTM C1028) >0.5

⁴Specimens 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.

⁵Capable of withstanding 70 ft lbs impact with a type "C" Tup.

Note: Weights and dimensions may vary slightly.



Shipping Information

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

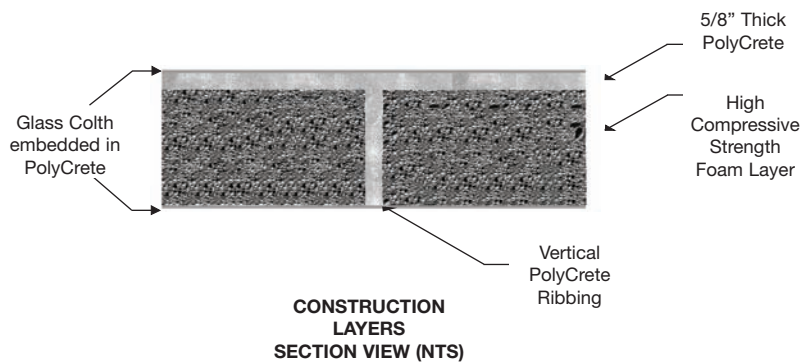
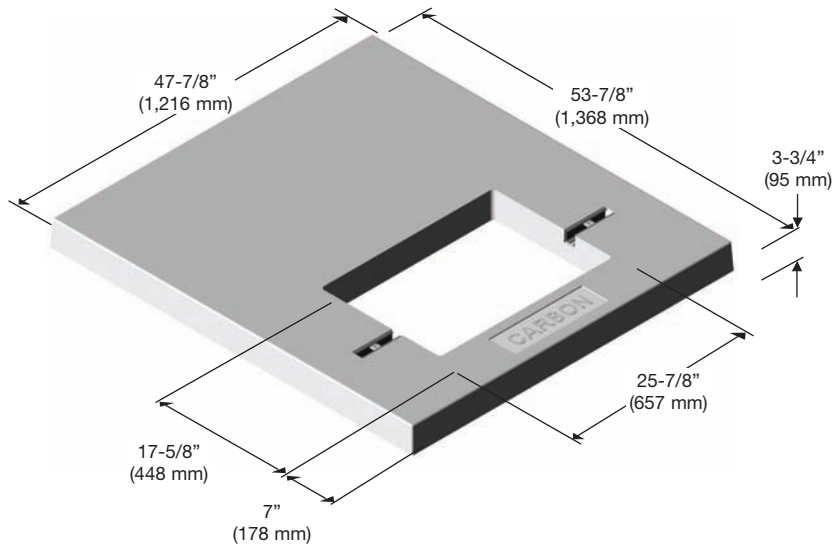
Units: 10 pads per pallet

Weight: 1,455

Equipment Pads

Transformer Pads

Model: EP5448-4



Base

Material: Polymer Concrete

Weight

160 lbs.

Skid Resistant Surface²
(Material compliant with WUC,
TRANSFORMER SPEC)

Equipment Pads

Transformer Pads

Model: EP5448-4



Pomona, California

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Fax: 800.827.7111

Shipping Configuration

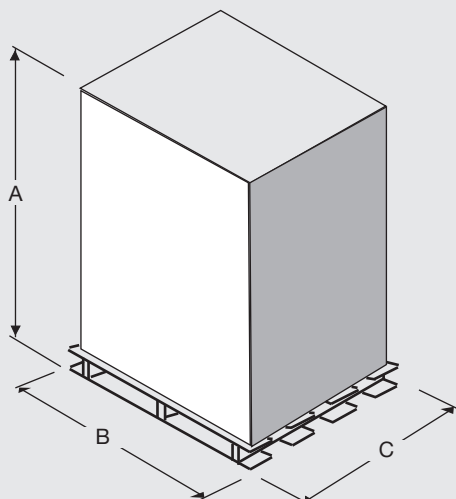
Standard Test Method	Properties of Raw Material	ASTM Designation	Test Results
Compressive Strength of Polymer Concretes	Compressive Strength	C 579-96	11,000 psi
Flexural Strength and Modulus of Elasticity of Polymer Concretes	Flexural Strength* Modulus of Elasticity*	C580-93	1,800 psi 2,900,000 psi
Chemical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

²Coefficient of Friction (ASTM C1028) >0.5

⁴Specimens 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.

⁵Capable of withstanding 70 ft lbs impact with a type "C" Tup.

Note: Weights and dimensions may vary slightly.



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Shipping Information

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

Units: 10 pads per pallet

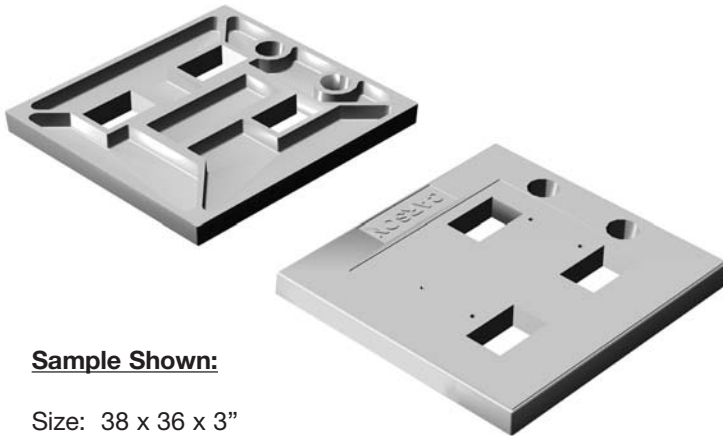
Weight: 1,655 lbs.

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Equipment Pads

Pads

Material: Polymer Concrete



Sample Shown:

Size: 38 x 36 x 3"



Sample Shown:

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

Equipment Pads



Pomona, California

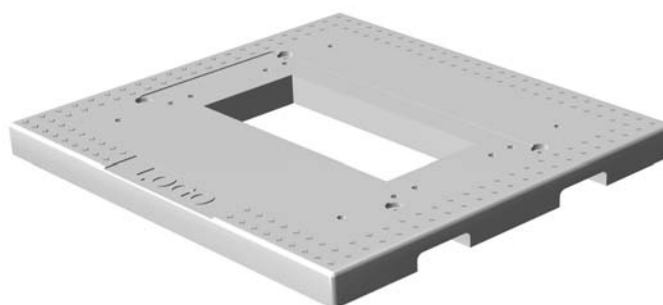
Toll-Free: 800.735.5566

Phone: 909.634.3020

Fax: 800.827.7111

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 ¹
Determination of Impact Resistance by means of a Tup (falling weight)	Impact Resistance	D 2444-93	Pass ²

¹Specimens 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.

²Capable 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.

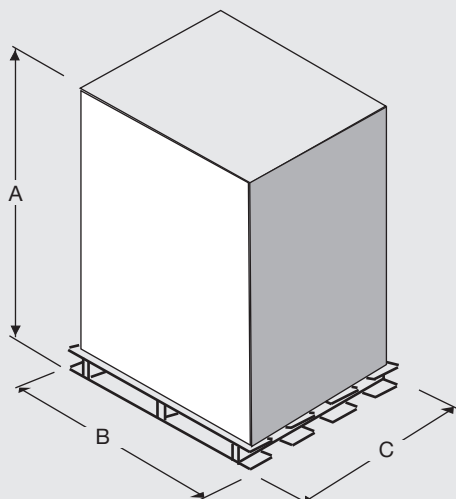
Electrical Utility Pedestal

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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Pomona, California

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Phone: 909.634.3020

Fax: 800.827.7111

HDPE STRUCTURAL FOAM

Material Property	ASTM Test Method	Typical Value ¹
Type, Class, Category	D 1248	III, A, 3
Density, g/cm ³	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 ²	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
Molded Product²		
Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

¹The 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.

²Test reports available on request.

Shipping Information

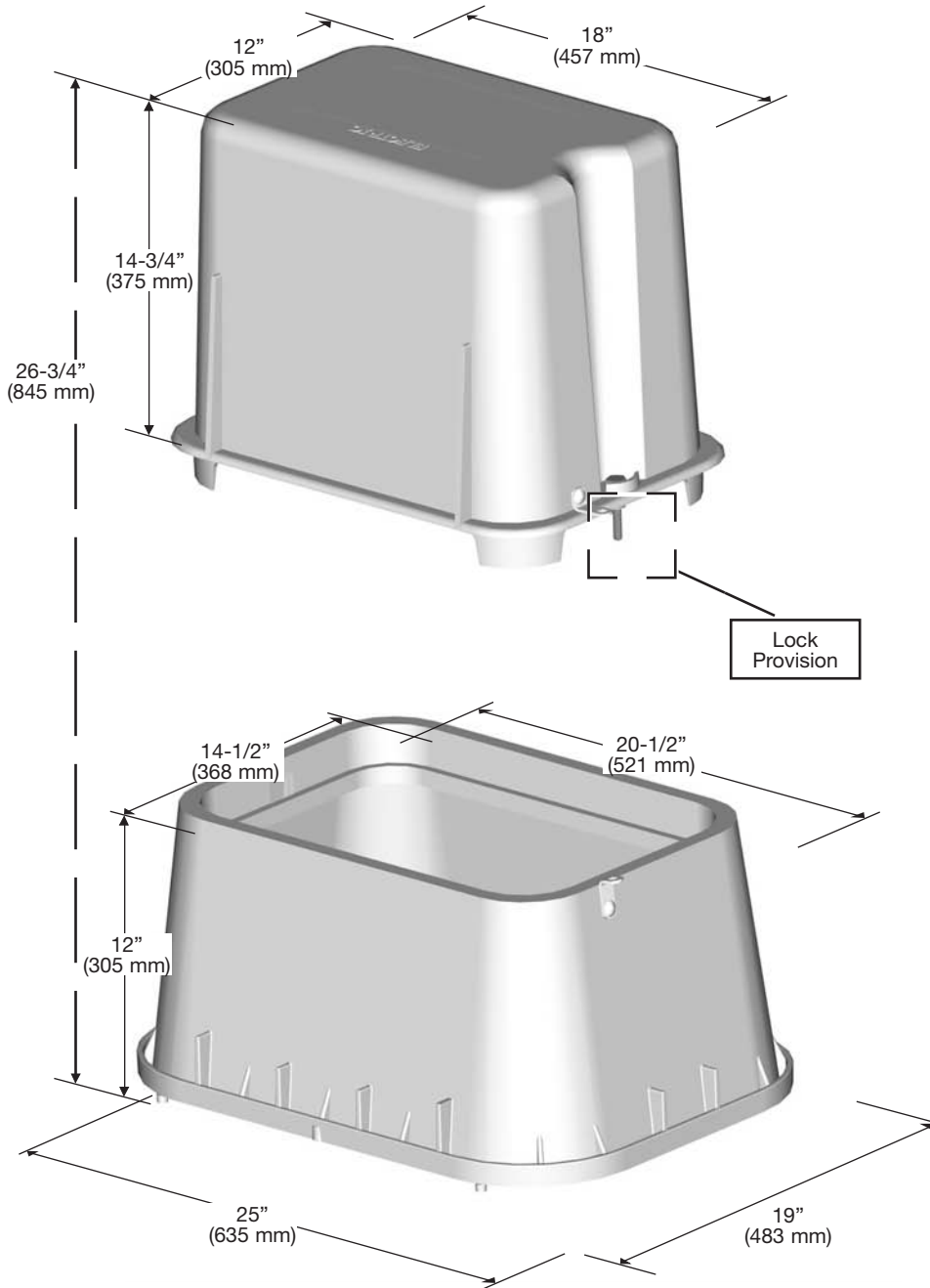
Dim.	Description	Value
A	Height	89"
B	Length	48"
C	Width	48"

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Electrical Utility Pedestal

Model: P1220-27

1220 Pedestal Assembly



TOP

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

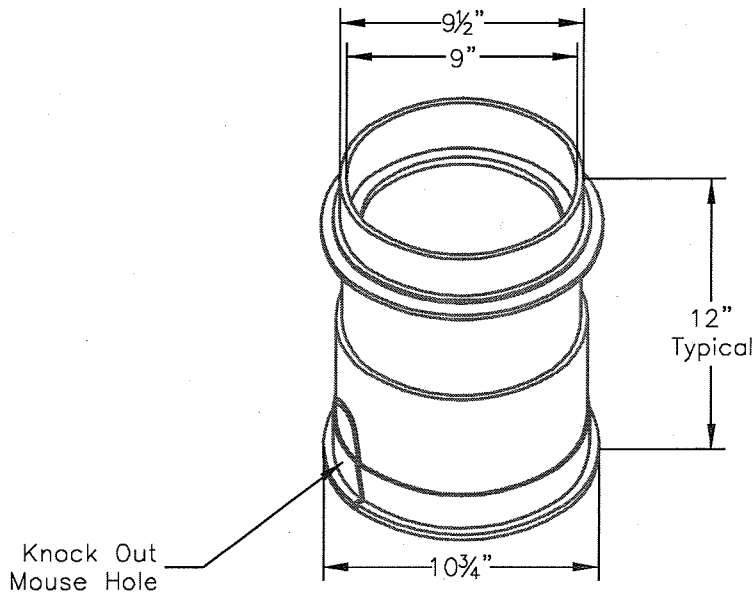
BASE

Material: HDPE
Colors: Green

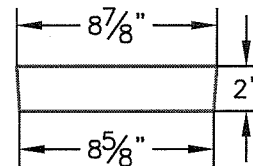
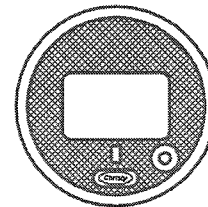
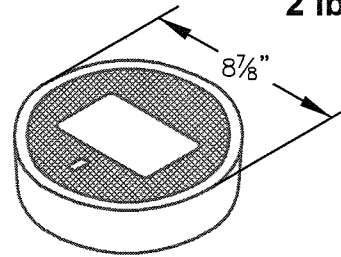
Unit Weight (Pedestal Top and Base):
32.12 lbs. (14.45 kg)

(Sold as complete unit only)

**FIBRELYTE BOX
No. FL08TBOX
6 lbs.**



**FIBRELYTE LID
No. FL8D
2 lbs.**



FL8T LID

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

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



Oldcastle Precast®
Enclosure Solutions

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FL08T BOX

FILE NAME: FL08_ISO

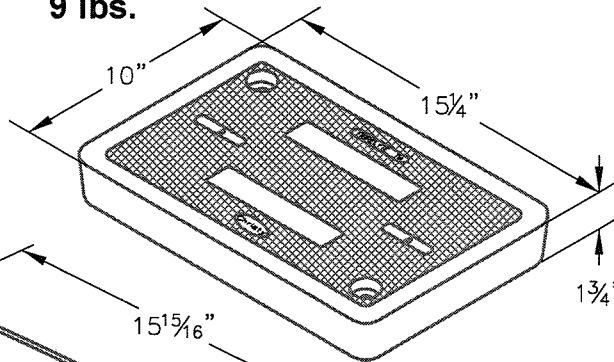
ISSUE DATE: January, 2009

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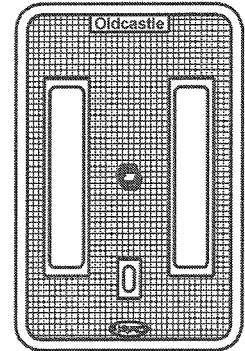
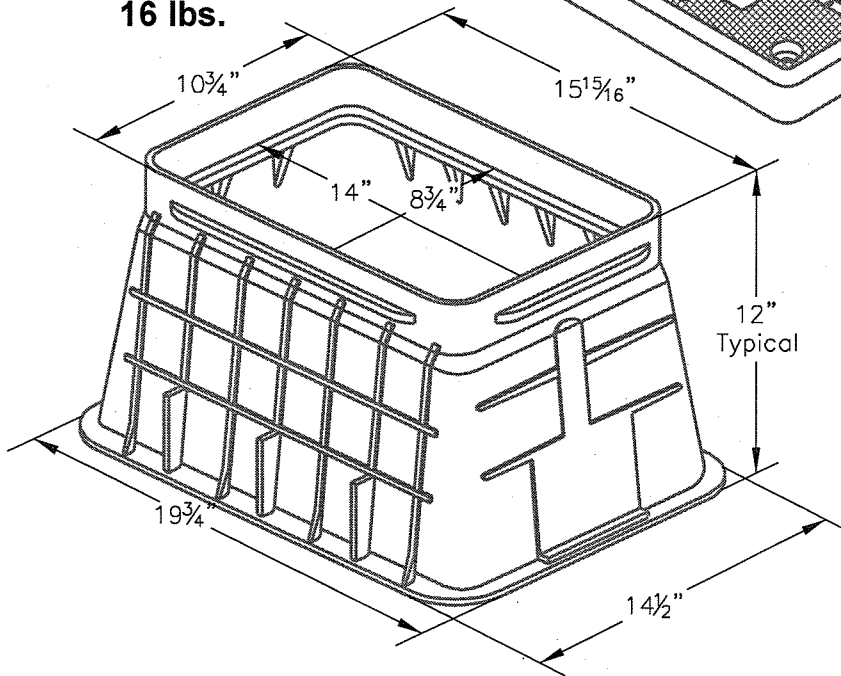
**FL08 FIBRELYTE BOX
9" x 12"**

FIBRELYTE®

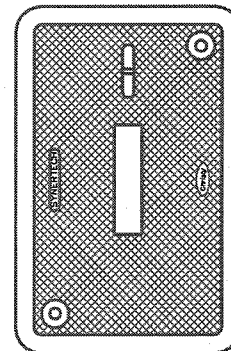
FIBRELYTE LID
No. FL09T
9 lbs.



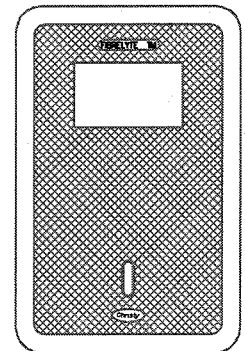
FIBRELYTE BOX
No. FL09TBOX
16 lbs.



B09C



SYN09T



FL09D

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 proven alternative to concrete. Approximate dimensions and weight shown.

Ordering Code	Item	Approx. Shipping Weight	Description
FL09TBOX	BOX	16	FL09T Box (10" x 17" x 12" high) - 48 per pallet
FL09D	LID	9	Fibrelyte Lid
FL09T	LID	9	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)



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FL09T BOX

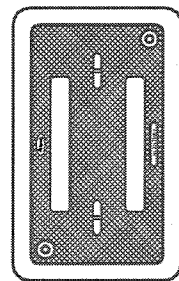
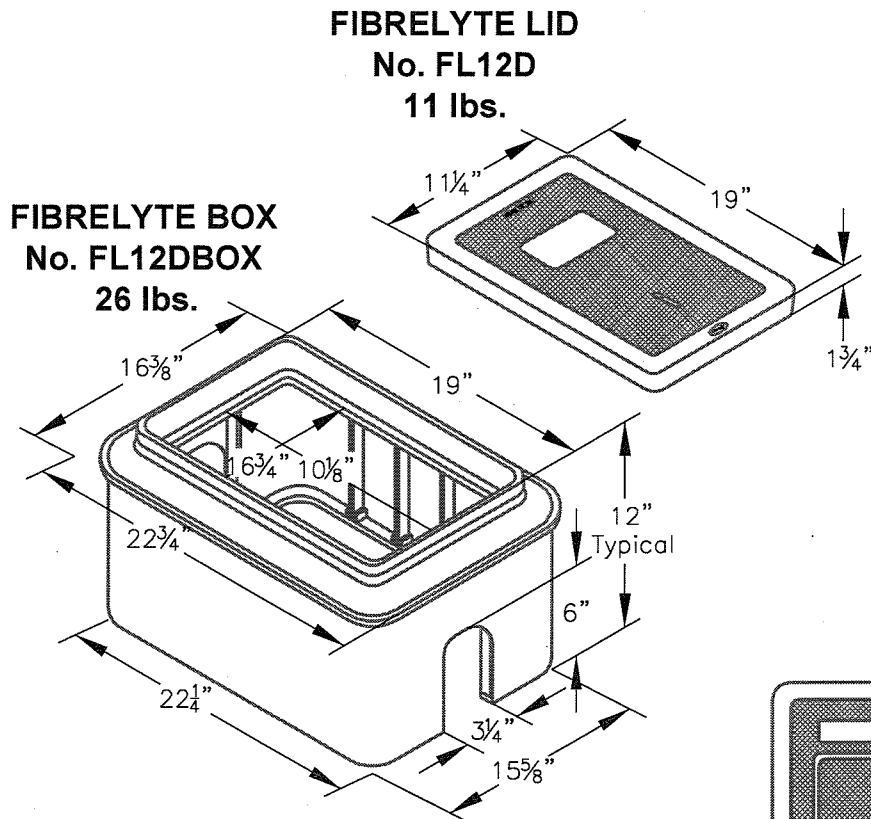
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ISSUE DATE: January, 2009

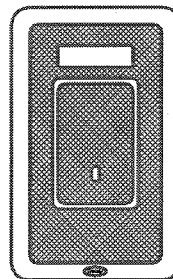
www.oldcastleprecast.com

FL09 FIBRELYTE BOX
10" x 17"

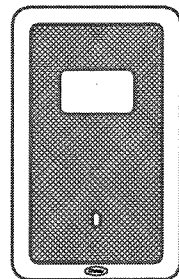
FIBRELYTE®



FL12T



SYN12S



SYN12D

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 proven alternative to concrete. Approximate dimensions and weight shown.

Ordering Code	Item	Approx. Shipping Weight	Description
FL12BOX	BOX	26	FL12 Box (12" x 20" I.D. x 12" high) – 20 per pallet
FL12TBOX	BOX	26	FL12T Box for FL12 bolt down lid
FL12D	LID	11	Fibrelyte Lid
FL12T	LID	11	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



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FL12 BOX

FILE NAME: FL12_ISO

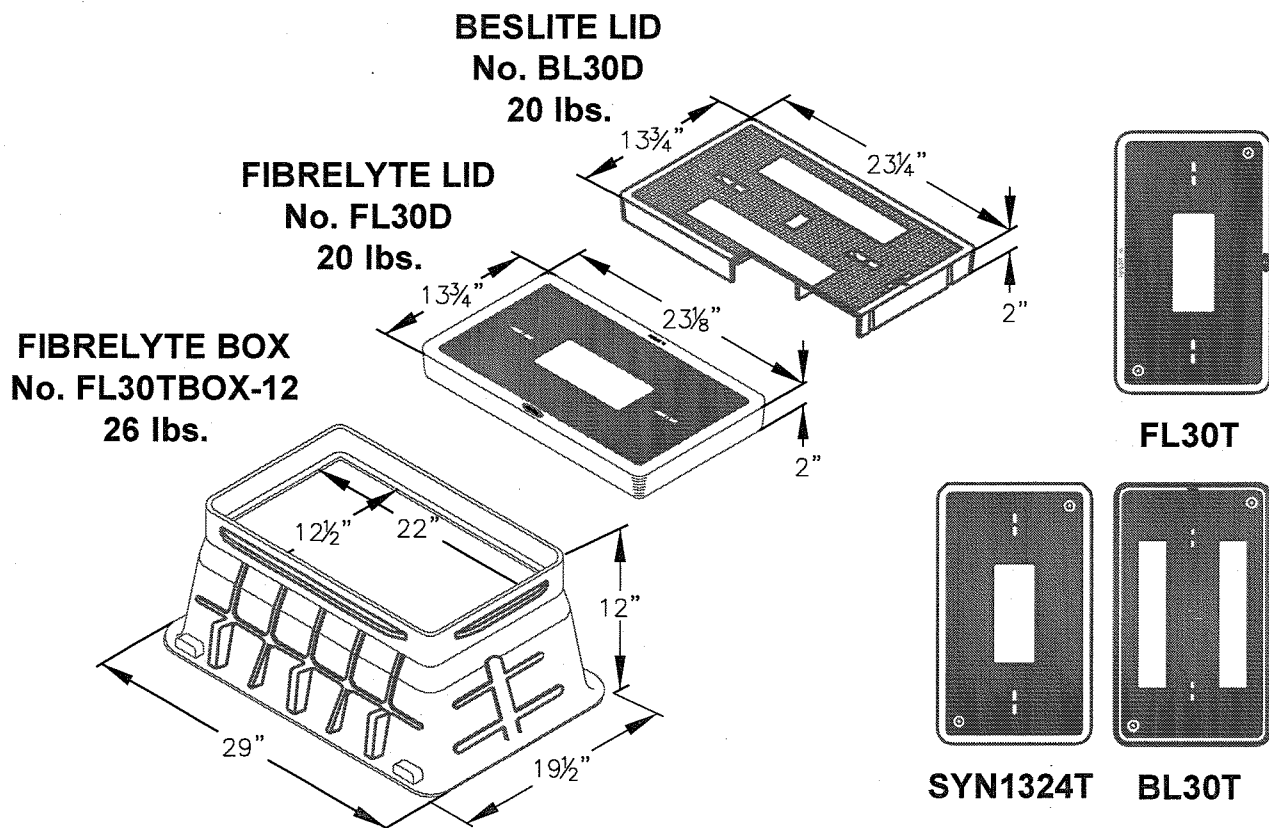
ISSUE DATE: January, 2009

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FL12 FIBRELYTE BOX

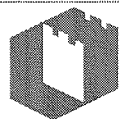
12" x 20"

FIBRELYTE®



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 proven alternative to concrete. Approximate dimensions shown.

Ordering Code	Item	Approx. Shipping Weight	Description
FL30TBOX12	BOX	26	FL30T Box (13" x 24" x 12" high) – 30 per pallet
FL30TBOX18	BOX	35	FL30T Box (13" x 24" x 18" high) – 18 per pallet
FL30TBOX20	BOX	36	FL30T 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)
BL30D	LID	20	Beslite Lid
BL30T	LID	20	Beslite lid, bolt down (order FL99 bolts separately)
BL30P	LID	20	Beslite Lid with probe hole
BL30PT	LID	20	Beslite lid with probe hole, bolt down
FL30X6	EXTENSION	9	6" High extension
FL30X8	EXTENSION	10	8" High extension
SYN1324T	LID	33	Synertech lid, bolt down (order FL99 bolts separately)



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FL30T BOX

FILE NAME: FL30_ISO

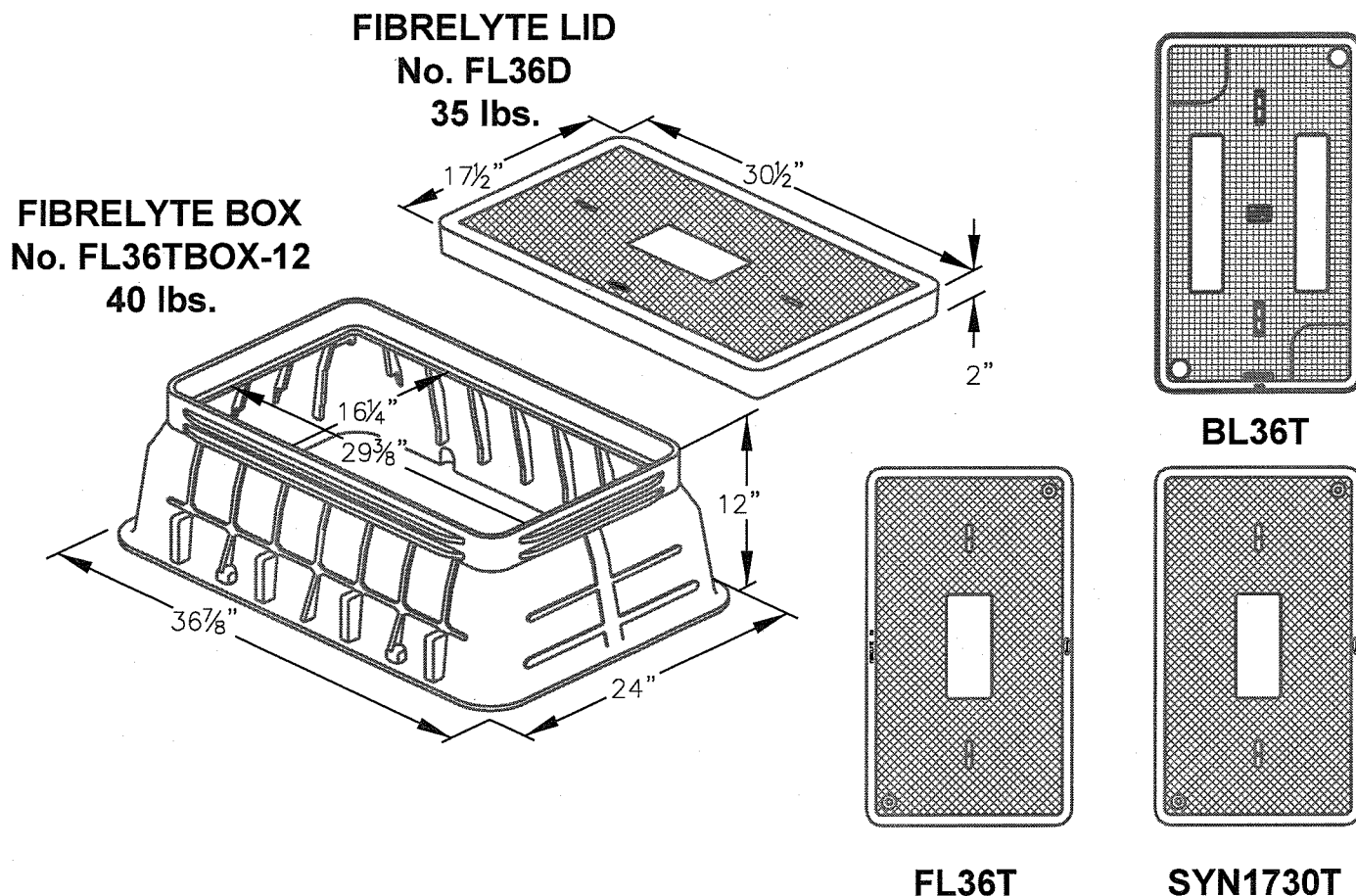
ISSUE DATE: January, 2009

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FL30T FIBRELYTE BOX

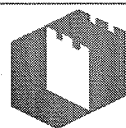
13" x 24"

FIBRELYTE®



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

Ordering Code	Item	Approx. Shipping Weight	Description
FL36TBOX12	BOX	40	FL36T Box (17" x 30" x 12" high) – 20 per pallet
FL36TBOX18	BOX	52	FL36T Box (17" x 30" x 18" high) – 12 per pallet
FL36TBOX20	BOX	58	FL36T Box (17" x 30" x 20" high) – 10 per pallet
FL36D	LID	35	Fibrelite Lid
FL36T	LID	35	Fibrelite lid, bolt down (order FL99 bolts separately)
BL36T	LID	35	Beslite lid, bolt down (order FL99 bolts separately)
FL36X6	EXTENSION	12	6" High extension
FL36X8	EXTENSION	18	8" High extension
SYN1730T	LID	60	Synertech lid, bolt down (order FL99 bolts separately)



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Enclosure Solutions

MADERA/TRACY/ROSEVILLE/PHOENIX

Phone: (800) 486-7070 Fax: (800) 486-6804

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FL36T BOX

FILE NAME: FL36_ISO

ISSUE DATE: January, 2009

www.oldcastleprecast.com

FL36T FIBRELYTE BOX
17" x 30"
FIBRELYTE®

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

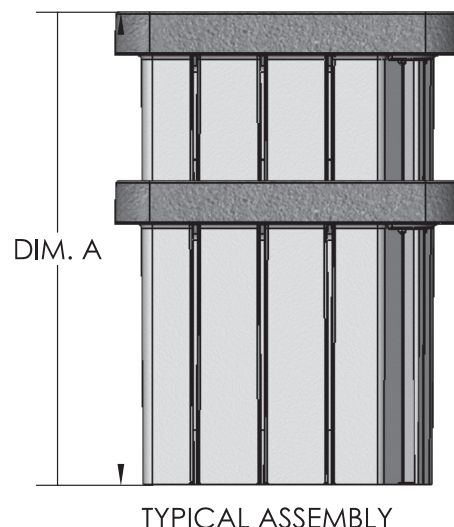
DESCRIPTION	BOX	DIM. A	#CATALOGUE	POUNDS COVER	POUNDS BOX
11 X 18				19	
11 X 18 X 24	12 + 12	23"	S1118B24FA		46
11 X 18 X 30	12 + 18	28"	S1118B30FA		50
11 X 18 X 36	18 + 18	34"	S1118B36FA		53
12 X 12				11	
12 X 12 X 24	12 + 12	23"	S1212B24FA		30
12 X 12 X 30	12 + 18	29"	S1212B30FA		32
12 X 12 X 36	18 + 18	35"	S1212B36FA		34
13 X 24				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
17 X 30				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
24 X 36				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
30 X 48				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
36 X 60				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).





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

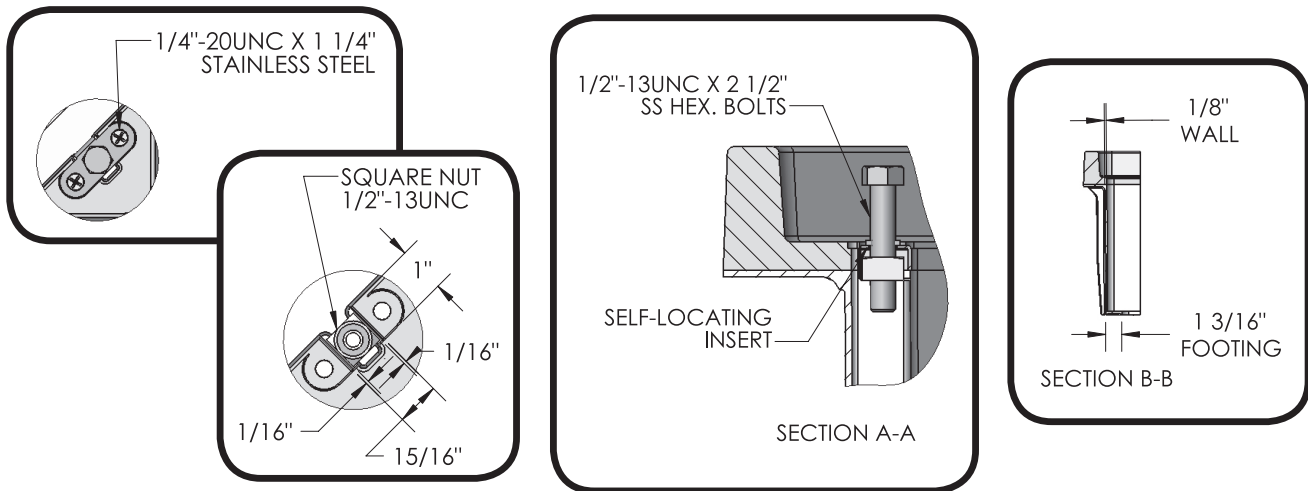
13 - TRAFFIC SIGNAL

14 - NON-POTABLE WATER

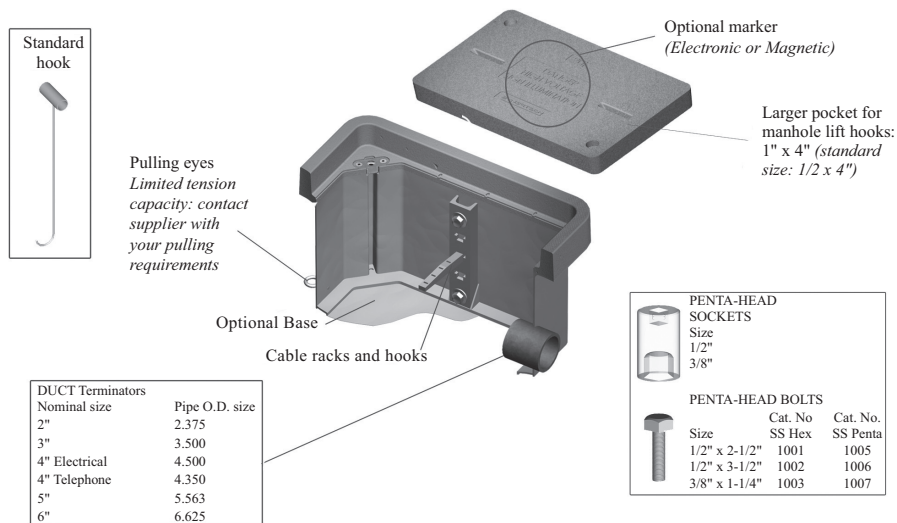
15 - CONTROLS

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!



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- 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 <small>available upon request</small>		
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.

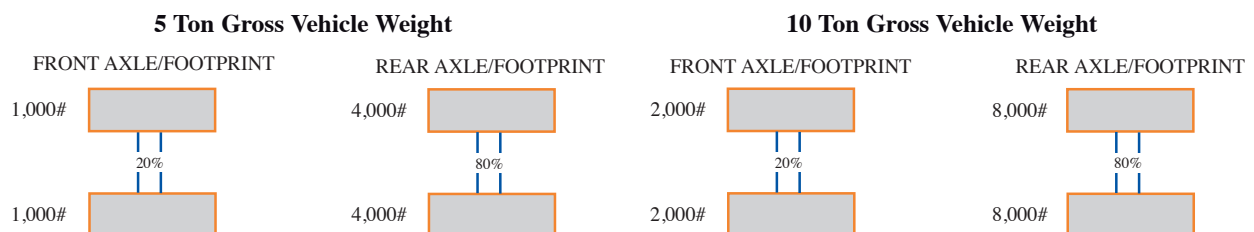
ASTM C-857

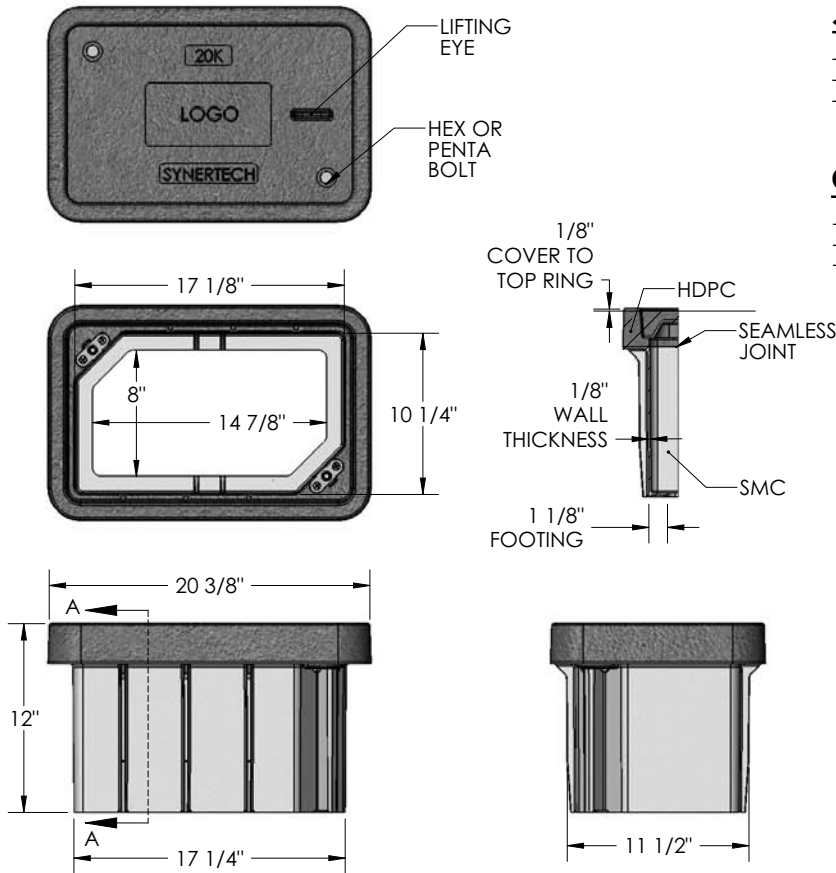
COVER TYPE	COVER RATINGS	LIVE LOAD	30% SAFETY	TEST LOAD	TEST AREA
Standard	5 Ton GVW (10,000#)	4,000#	5,200#	11,284#	10" x 10"
Synertech Moulded Products 10,000# boxes and covers may be placed in locations that may see occasional non-deliberate light vehicles.					
Heavy Duty	10 Ton GVW (20,000#)	8,000#	10,400#	22,568#	10" x 10"
Synertech 20,000# boxes and covers may be placed in locations that may see occasional non-deliberate heavy vehicles.					

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





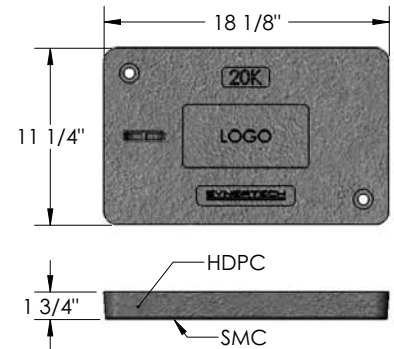
JUNCTION BOX 11 X 18 X 12
CATALOG NO. S1118B12FA

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. 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
S1118SB12FA	23 lbs	Box – Open Bottom/12" (305 mm)
S1118BC12FA	24 lbs	Box – Closed Bottom/12" (305 mm)

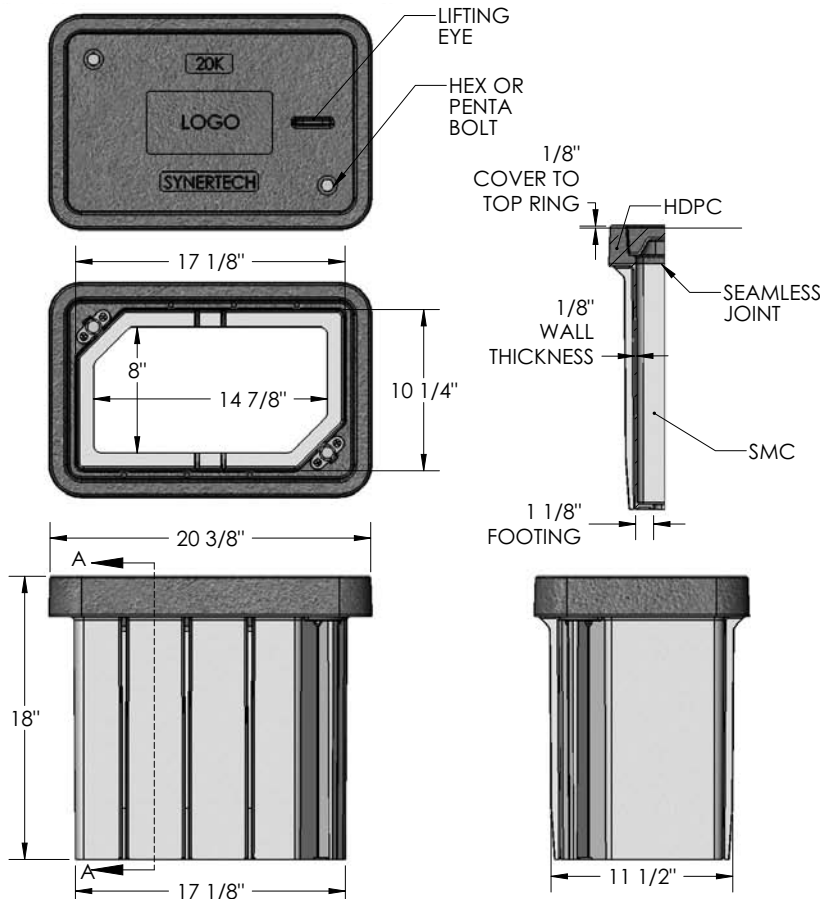
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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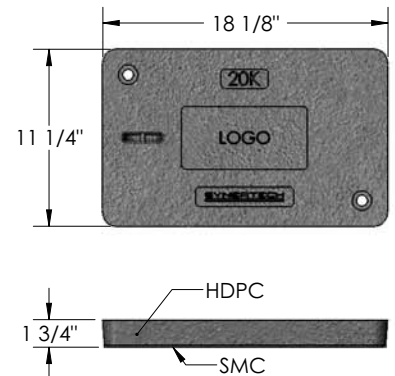
JUNCTION BOX 11 X 18 X 18
CATALOG NO. S1118B18FA

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
S1118HBB0A	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)

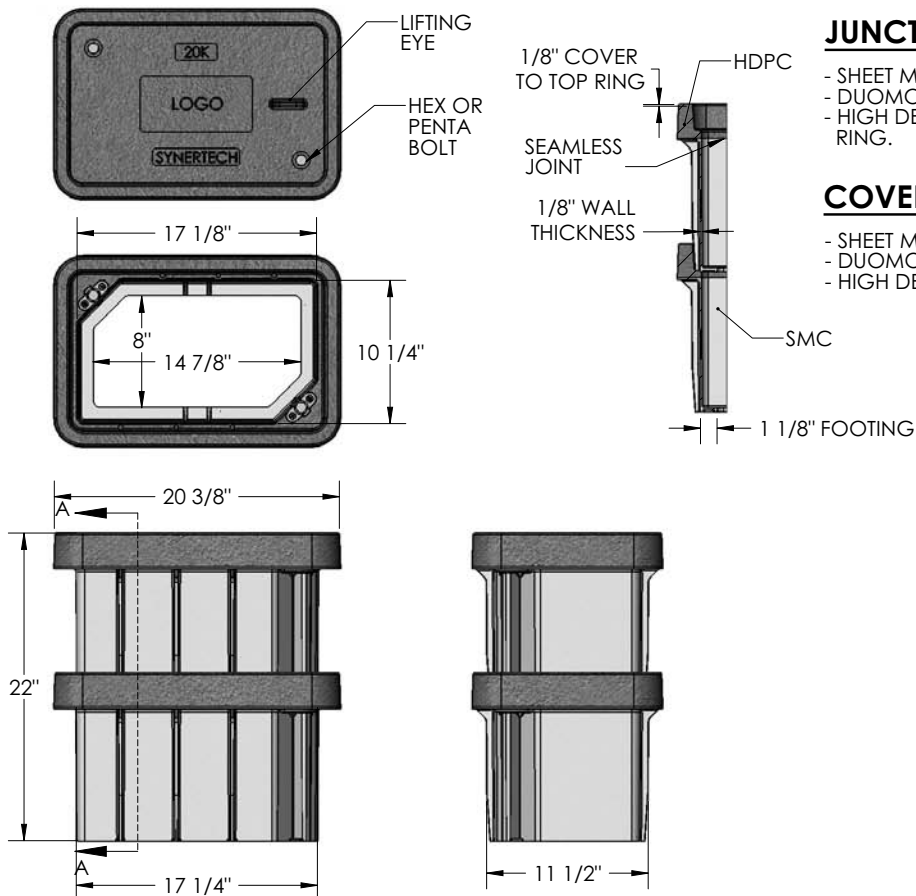
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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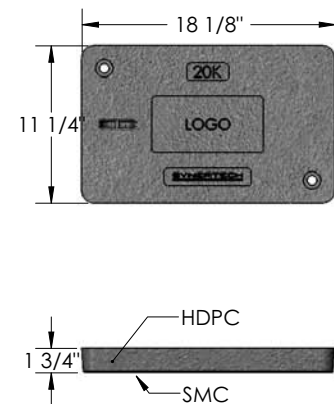
JUNCTION BOX 11 X 18 X 24
CATALOG NO. S1118B24FA

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
S1118B24FA	46 lbs	Box – Open Bottom/24" (610 mm)
S1118C24FA	47 lbs	Box – Closed Bottom/24" (610 mm)

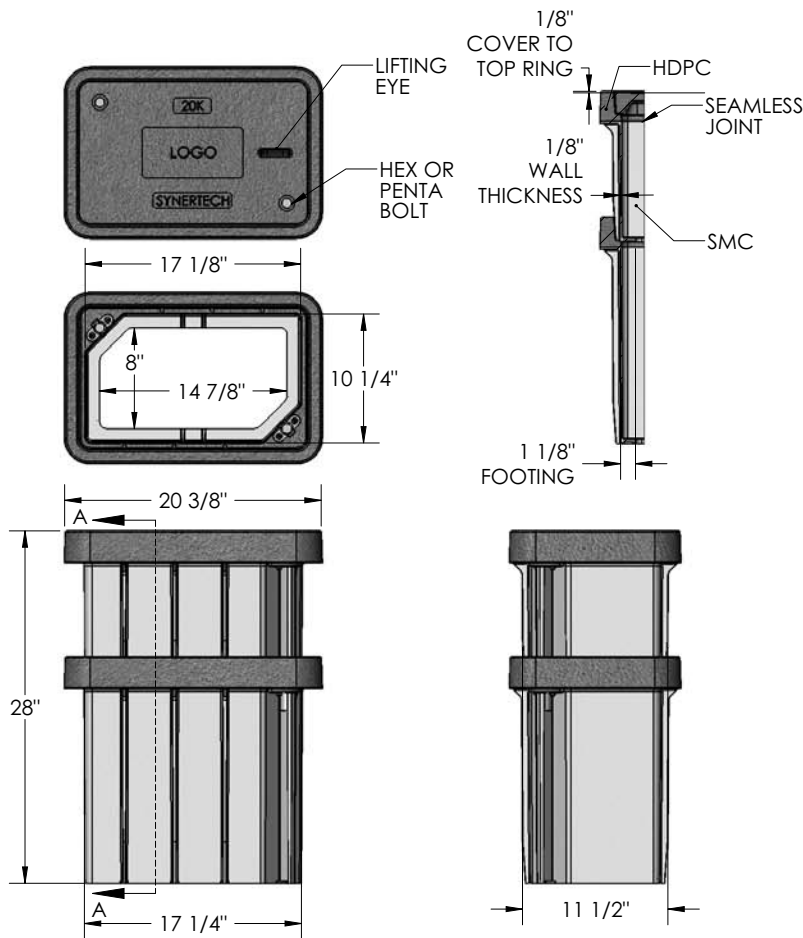
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw

- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



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JUNCTION BOX 11 X 18 X 30

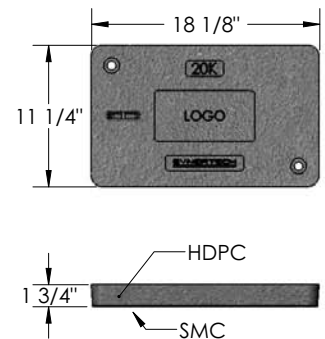
CATALOG NO. S1118B30FA

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)

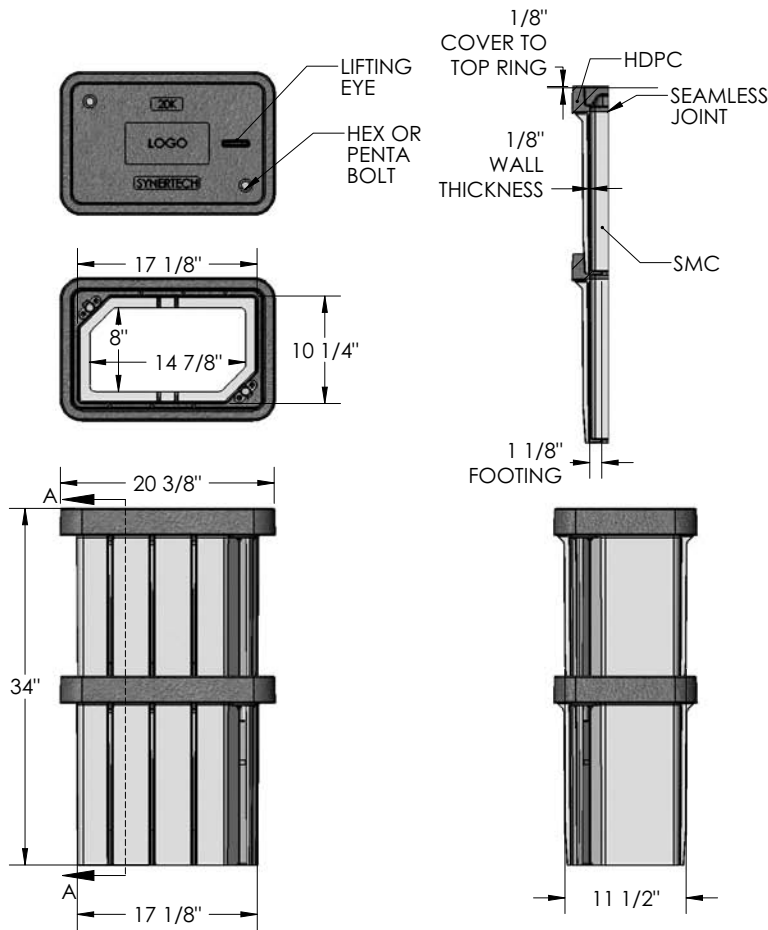
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw

- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



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JUNCTION BOX 11 X 18 X 36

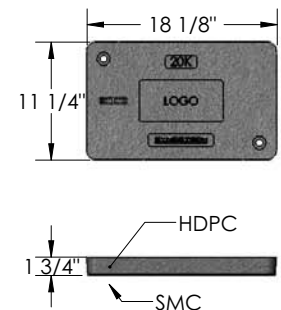
CATALOG NO. S1118B36FA

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. S1118HB0A01

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)

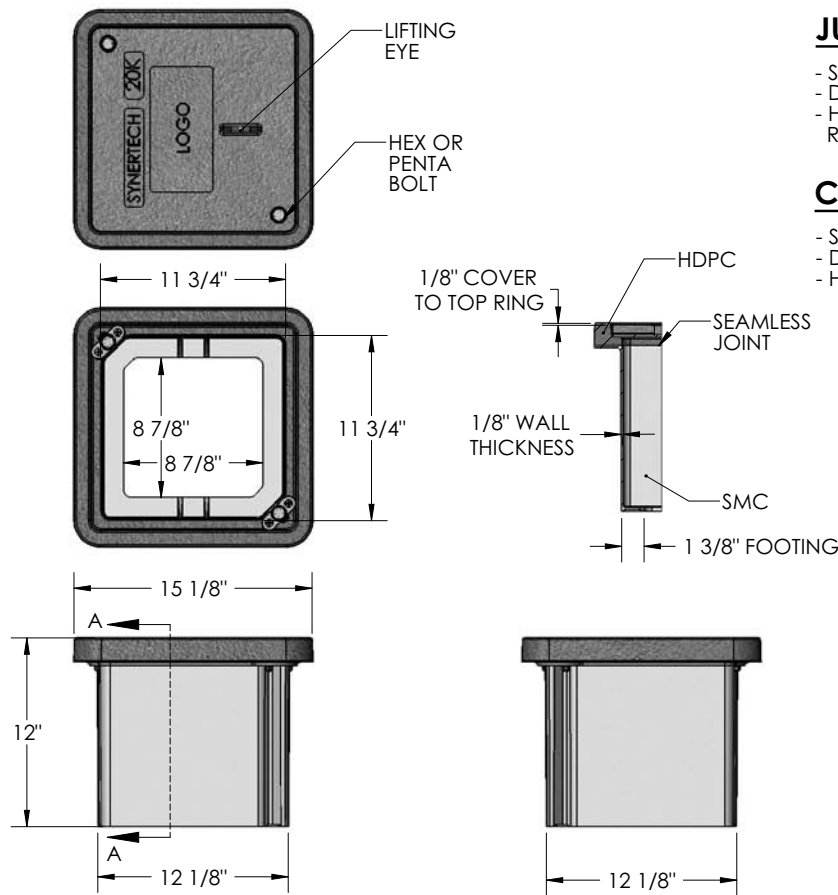
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

- 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



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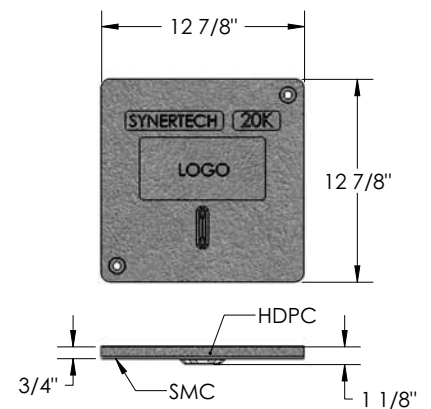
JUNCTION BOX 12 X 12 X 12
CATALOG NO. S1212B12FA

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.

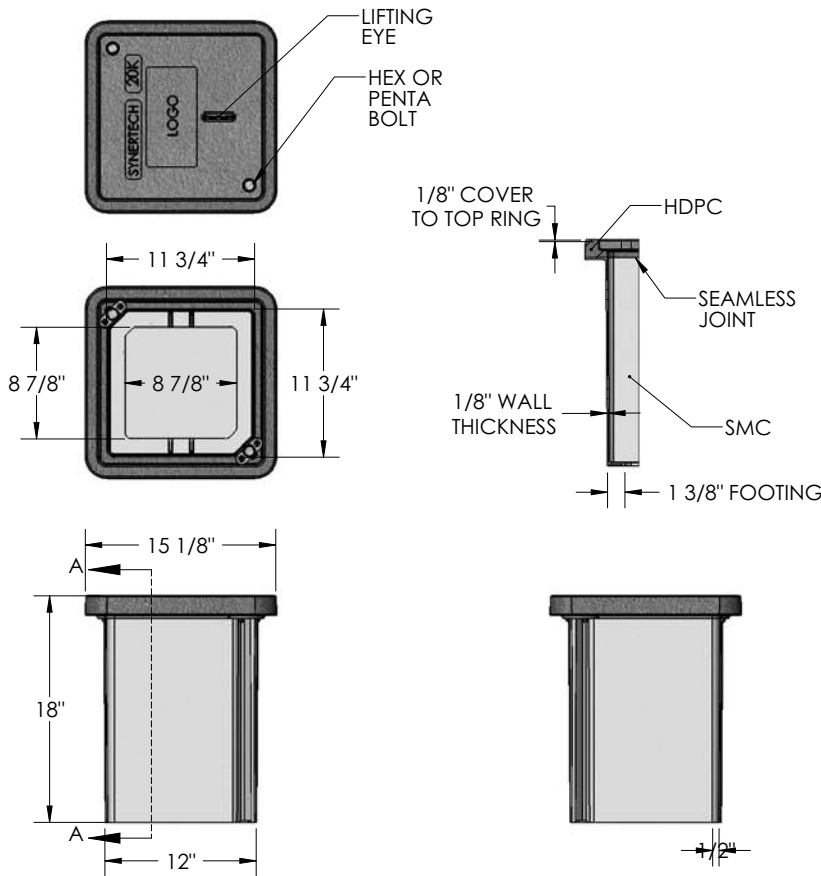
Catalog No.	Approx Shipping Wt.	Description
S1212HFAOA	11 lbs	Cover Bolt Down/Tier 15 - 20K
S1212B12FA	15 lbs	Box – Open Bottom/12" (305 mm)
S1212C12FA	16 lbs	Box – Closed Bottom/12" (305 mm)

- 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



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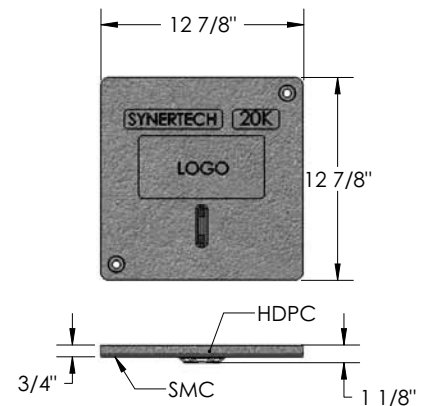
JUNCTION BOX 12 X 12 X 18
CATALOG NO. S1212B18FA

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)

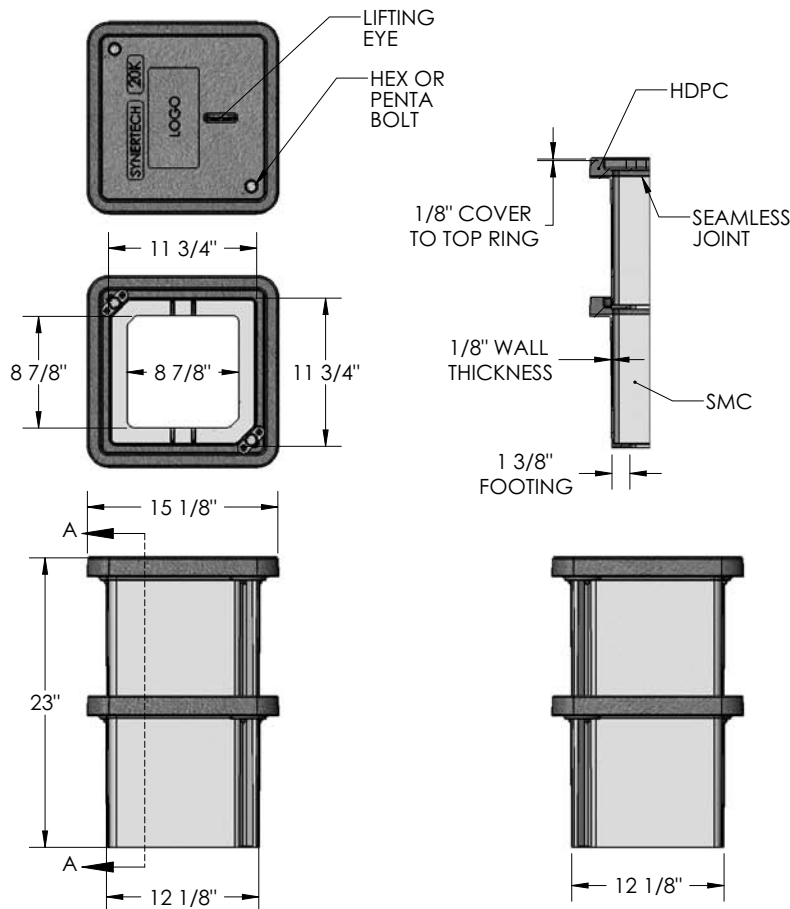
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 12 X 12 X 24

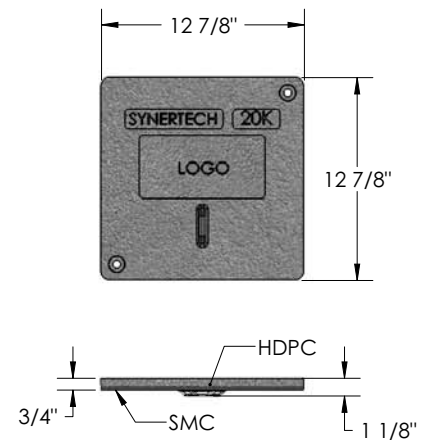
CATALOG NO. S1212B24FA

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)

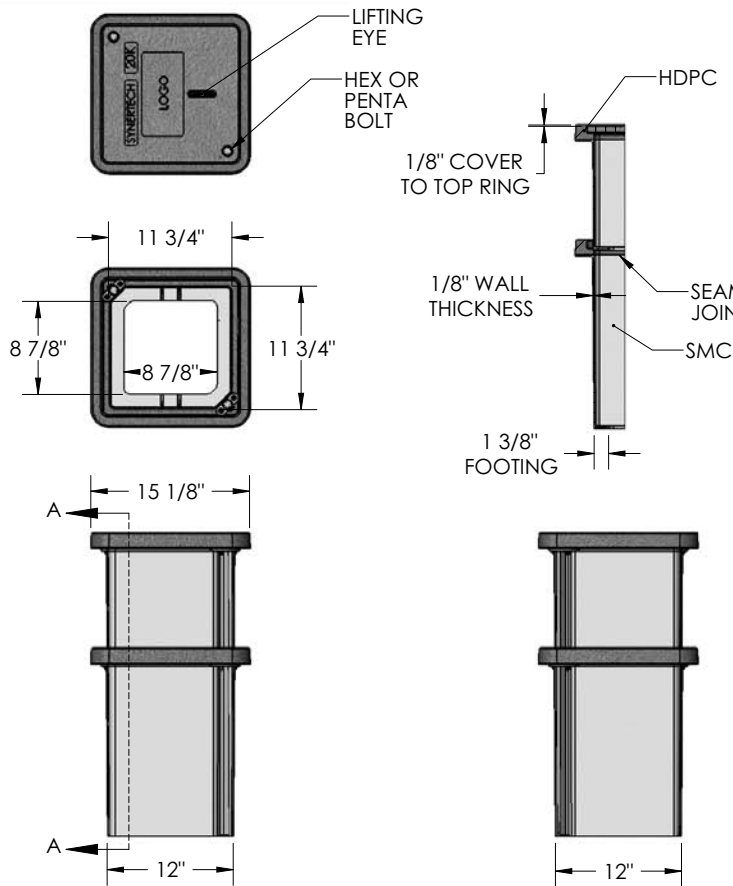
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw

- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



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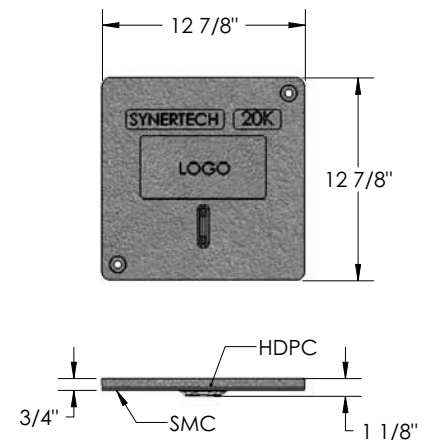
JUNCTION BOX 12 X 12 X 30
CATALOG NO. S1212B30FA

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)

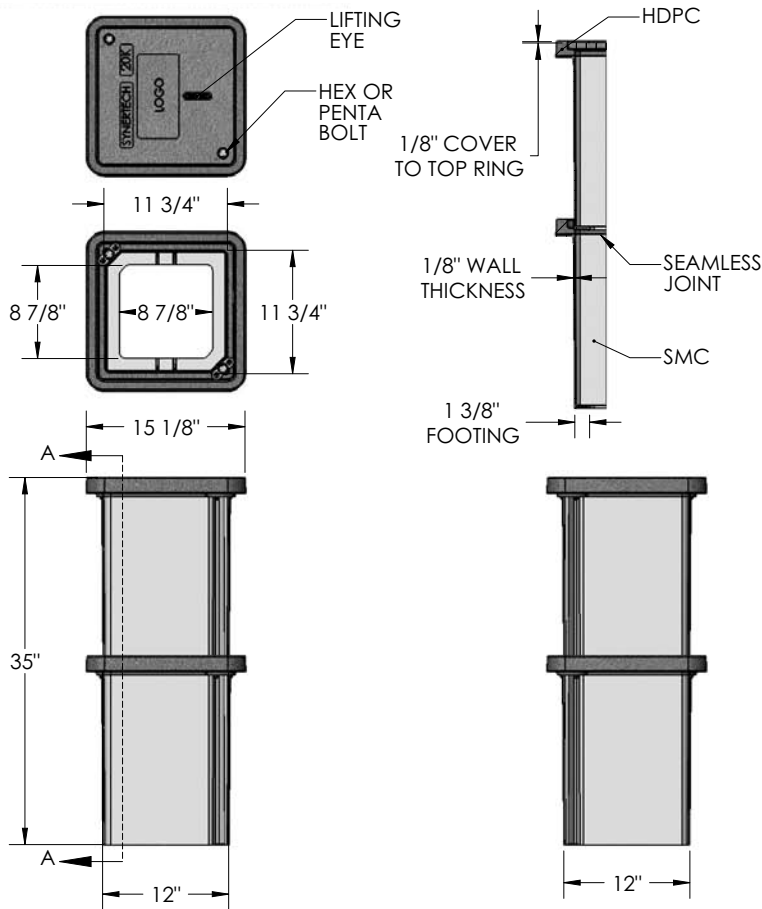
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments
- Sidewalls can be drilled with a standard hole saw

- Standard or custom logo available
- Conforms to OSHA standards
- ISO 9001:2000 quality assurance
- Meets ANSI/SCTE 77-2002 standards



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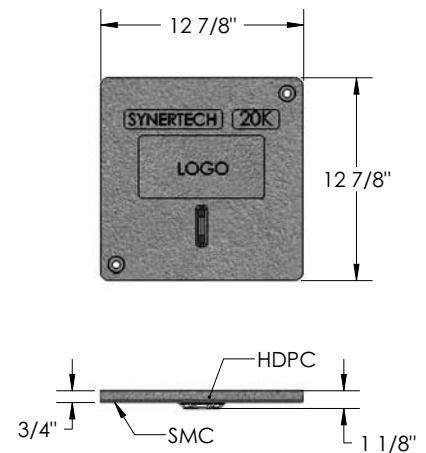
JUNCTION BOX 12 X 12 X 36
CATALOG NO. S1212B36FA

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.

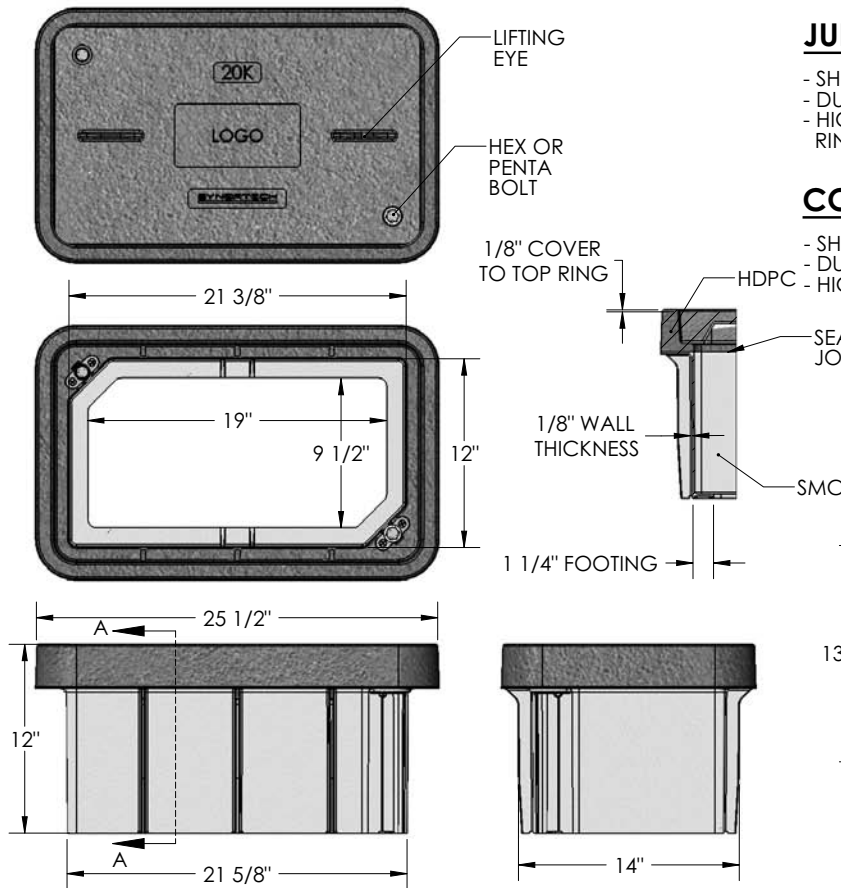
Catalog No.	Approx Shipping Wt.	Description
S1212HFAOA	11 lbs	Cover Bolt Down/Tier 15 - 20K
S1212B36FA	34 lbs	Box – Open Bottom/36" (914 mm)
S1212C36FA	35 lbs	Box – Closed Bottom/36" (914 mm)

- 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



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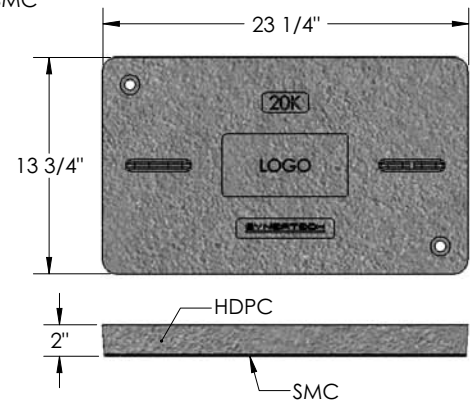
JUNCTION BOX 13 X 24 X 12
CATALOG NO. S1324B12FA

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. S1324HBBOA01

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)

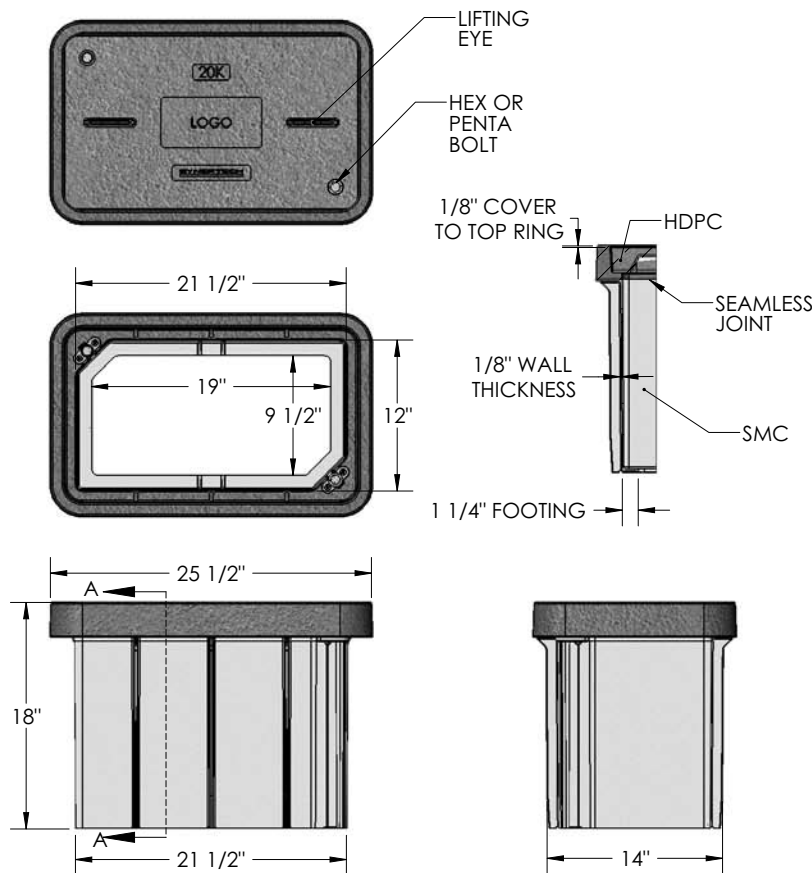
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 13 X 24 X 18

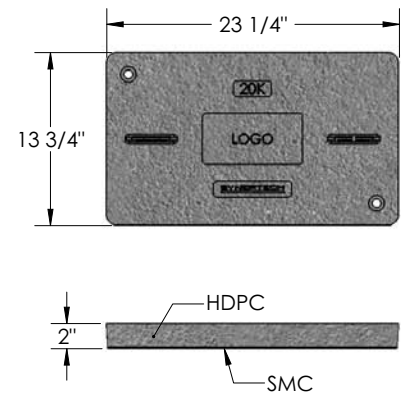
CATALOG NO. S1324B18FA

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.

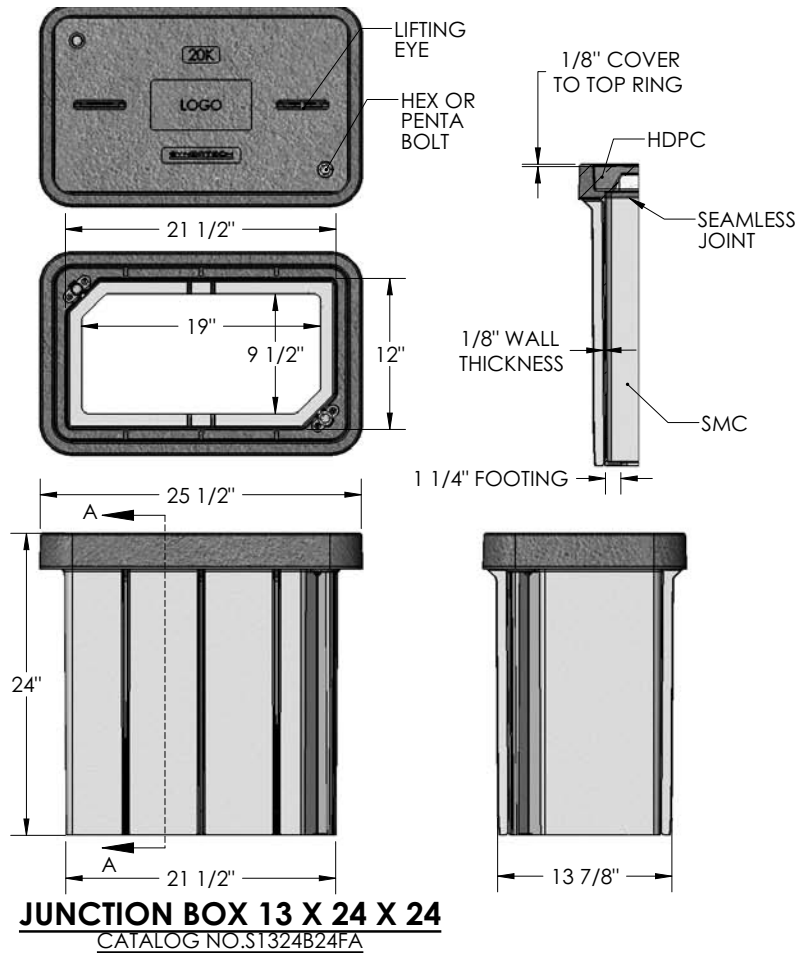
Catalog No.	Approx Shipping Wt.	Description
S1324HBBOA	35 lbs	Cover Bolt Down/Tier 15 - 20K
S1324B18FA	36 lbs	Box – Open Bottom/18" (457 mm)
S1324C18FA	37 lbs	Box – Closed Bottom/18" (457 mm)

- 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


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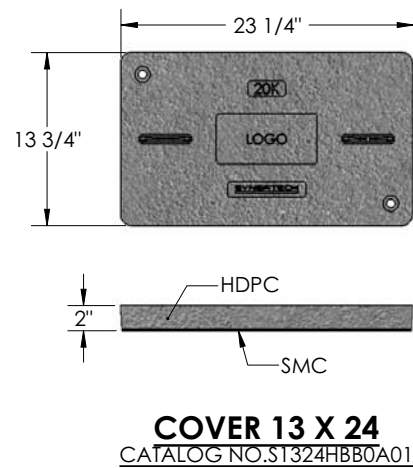


JUNCTION BOX FEATURES

- 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)

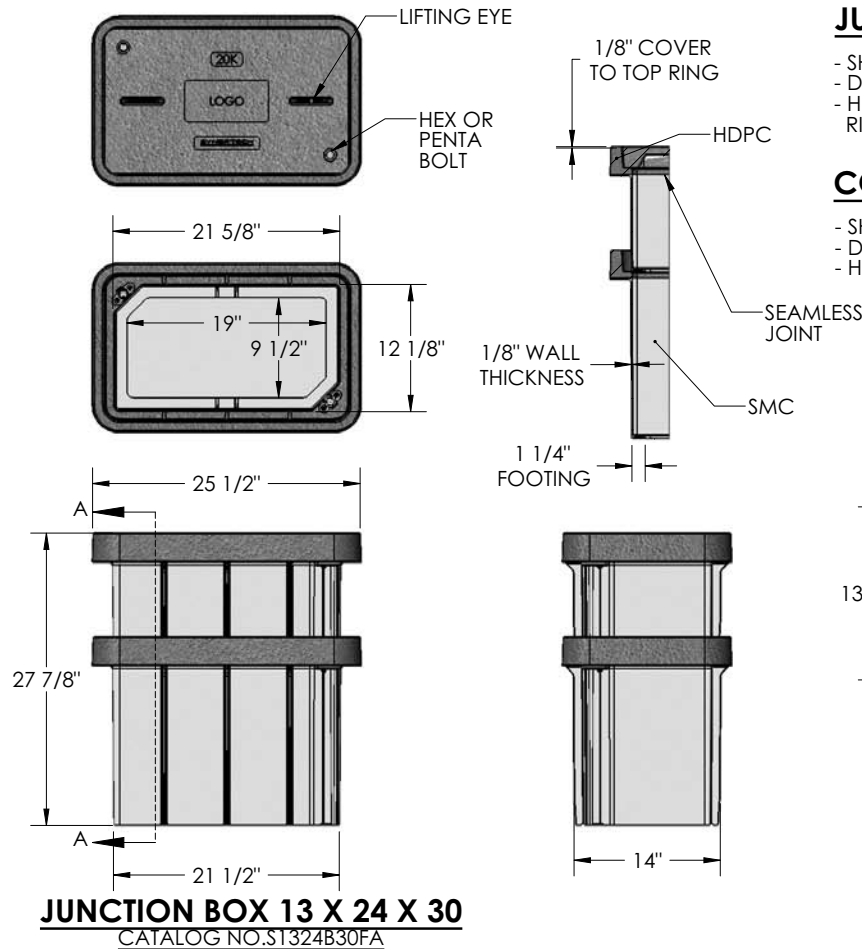
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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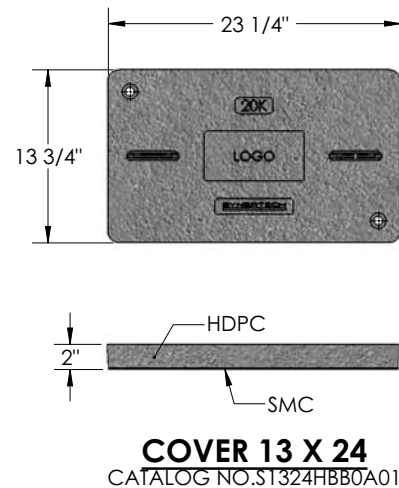


JUNCTION BOX FEATURES

- 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)

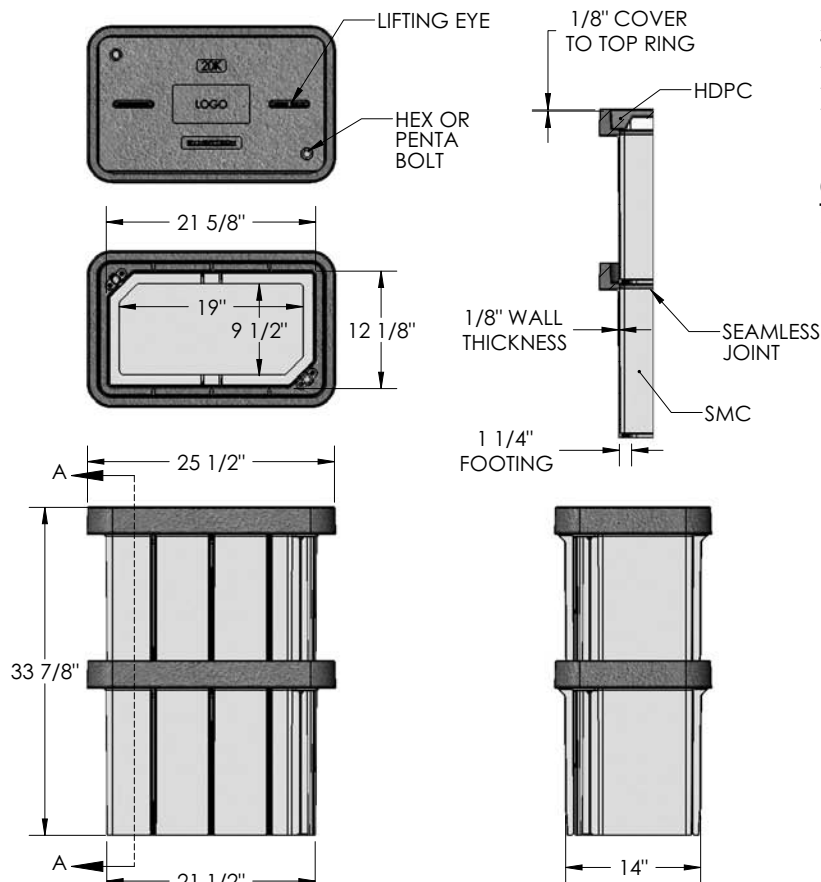
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 13 X 24 X 36

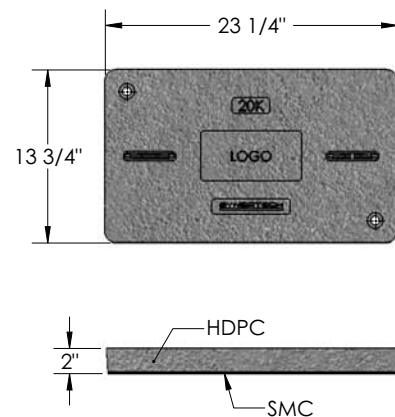
CATALOG NO. S1324B36FA

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. S1324HBBOA01

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
S1324B36FA	72 lbs	Box – Open Bottom/36" (914 mm)
S1324C36FA	73 lbs	Box – Closed Bottom/36" (914 mm)

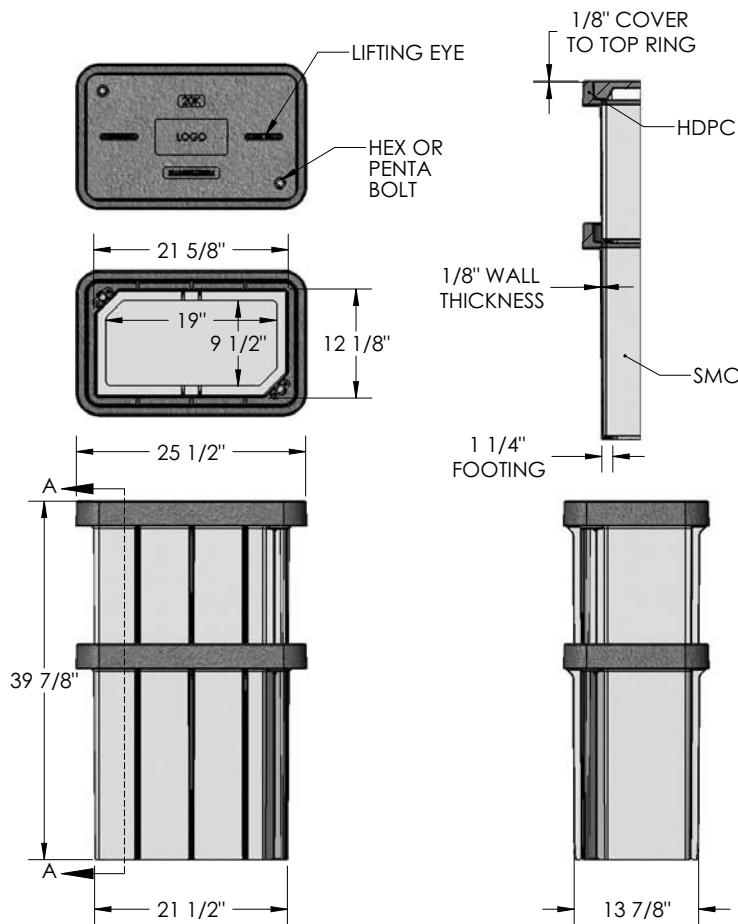
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 13 X 24 X 42

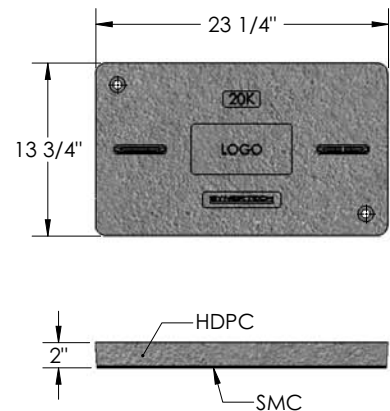
CATALOG NO. S1324B42FA

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.

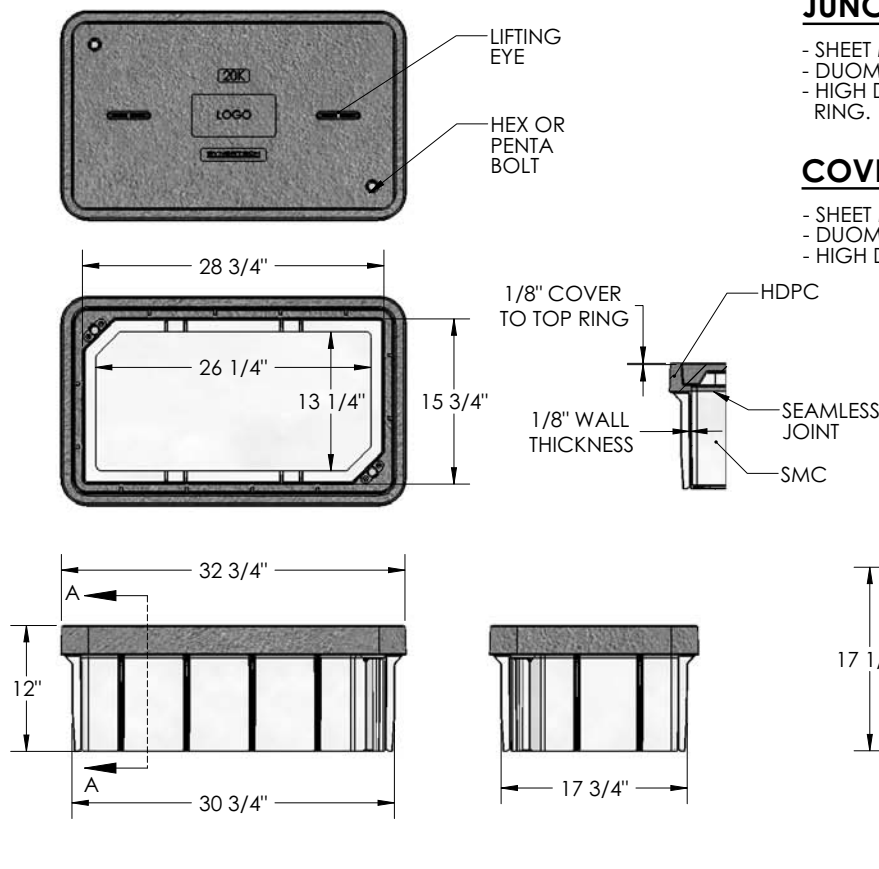
Catalog No.	Approx Shipping Wt.	Description
S1324HBBOA	35 lbs	Cover Bolt Down/Tier 15 - 20K
S1324B42FA	76 lbs	Box – Open Bottom/42" (1067 mm)
S1324C42FA	77 lbs	Box – Closed Bottom/42" (1067 mm)

- 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


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JUNCTION BOX FEATURES

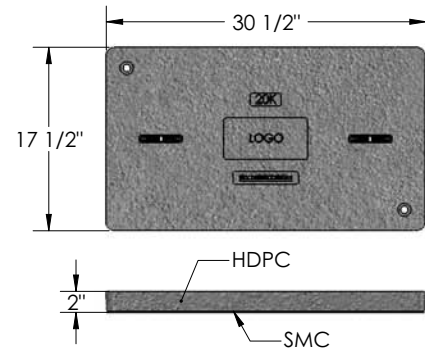
- SHEET MOULDING COMPOUND (SMC) BODY.
- DUOMOLDING CONSTRUCTION.
- HIGH DENSITY POLYMER CONCRETE (HDPC) RING.

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)

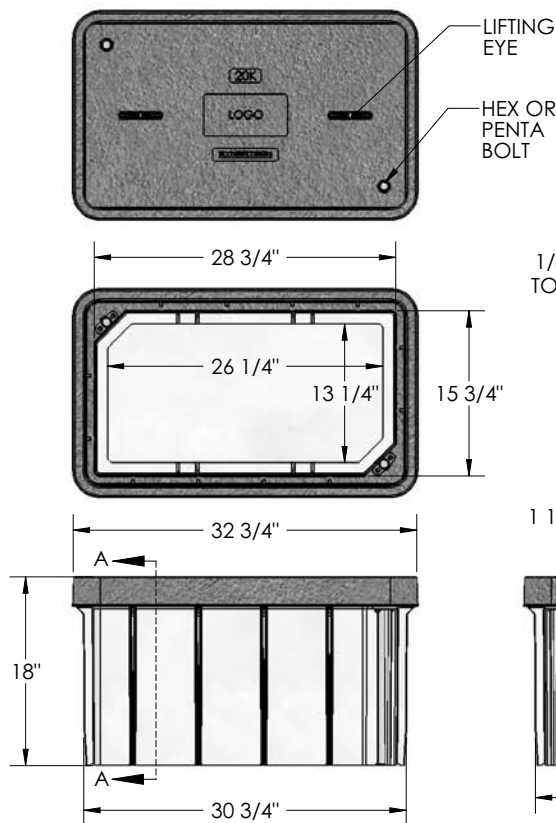
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 17 X 30 X 18

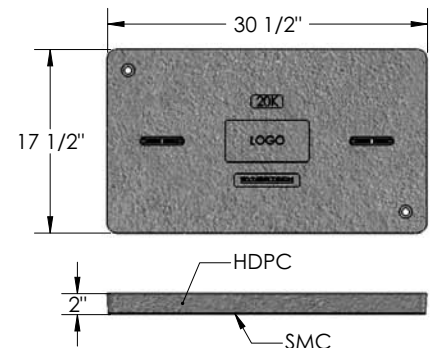
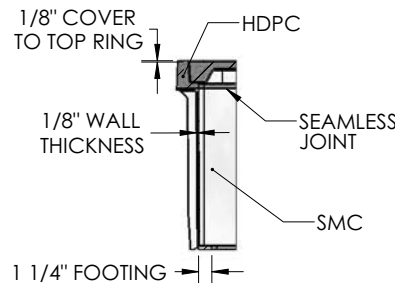
CATALOG NO. S1730B18FA

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)

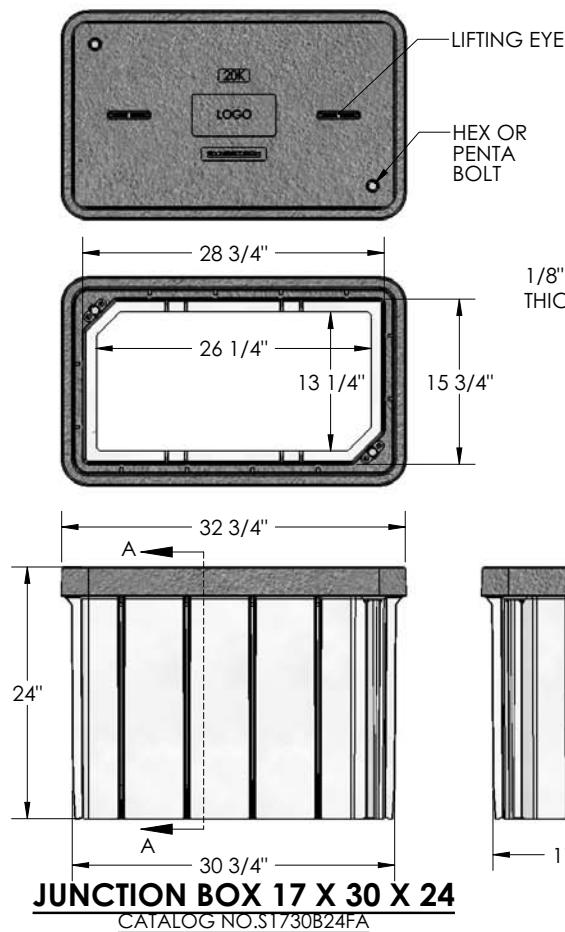
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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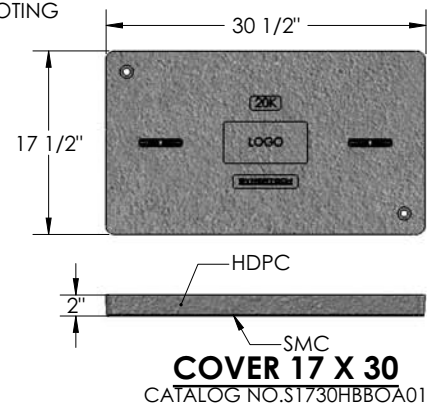
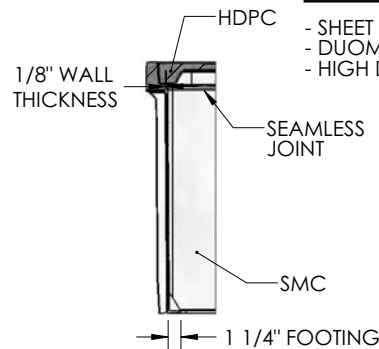


JUNCTION BOX FEATURES

- 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)

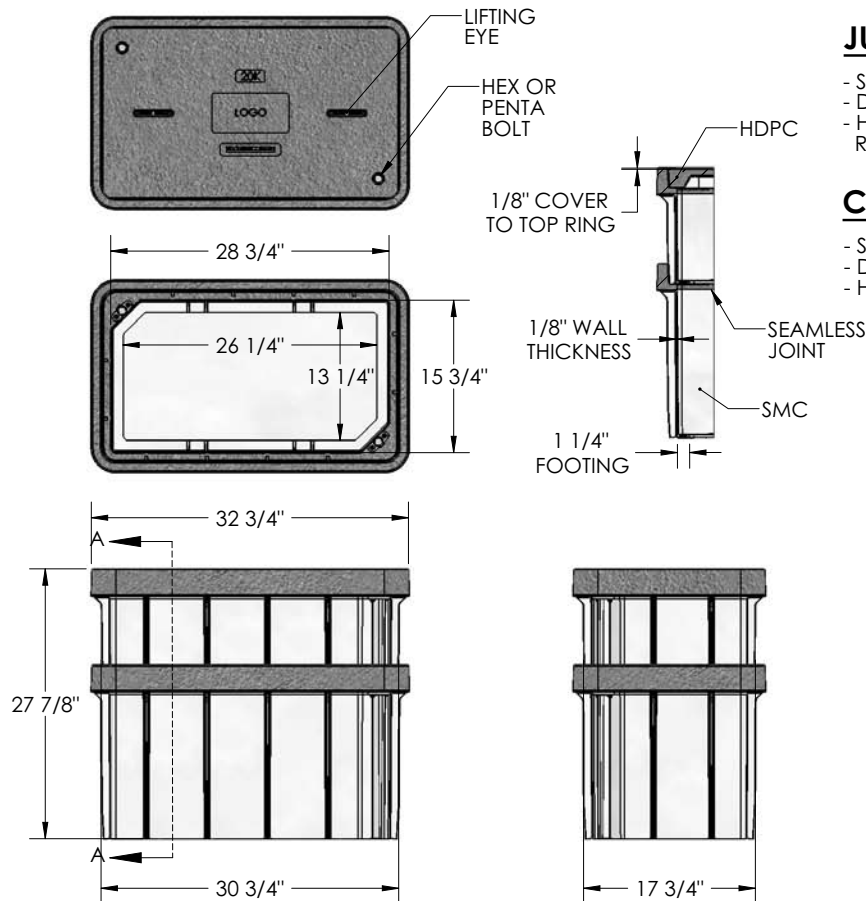
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 17 X 30 X 30

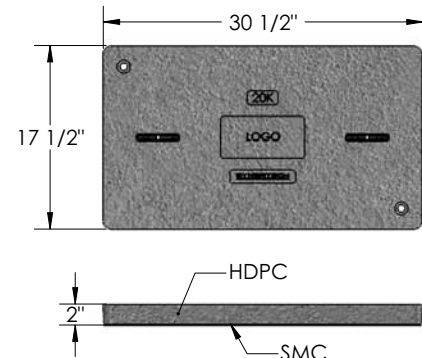
CATALOG NO. S1730B30FA

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.

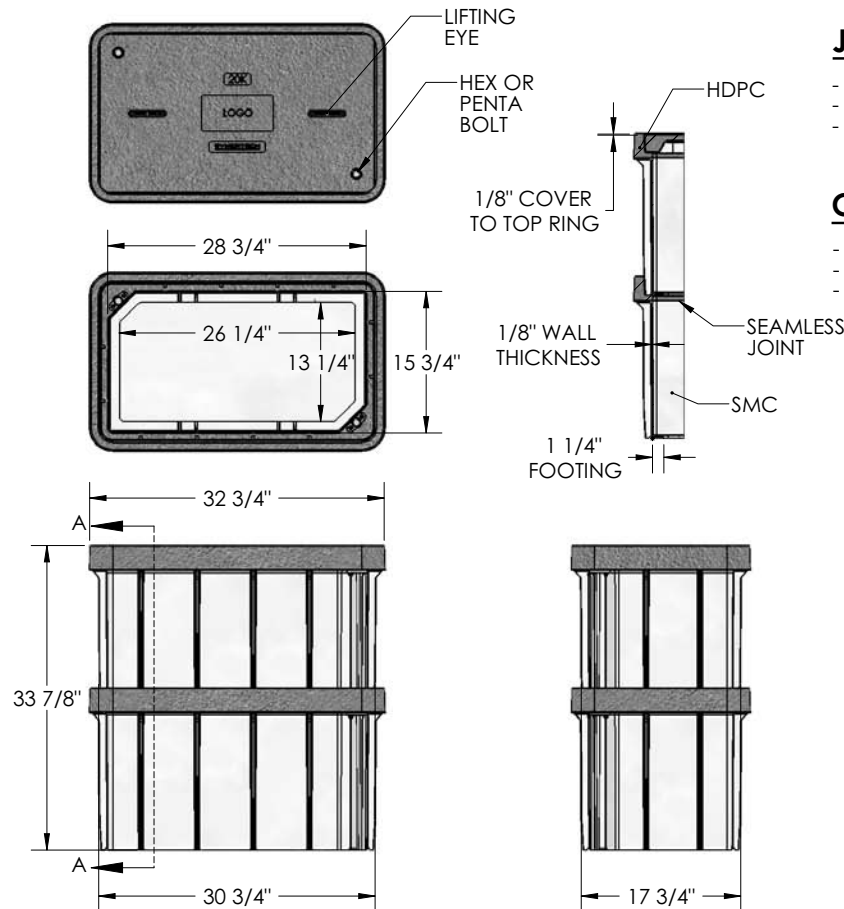
Catalog No.	Approx Shipping Wt.	Description
S1730HBBOA	55 lbs	Cover Bolt Down/Tier 15 - 20K
S1730B30FA	90 lbs	Box – Open Bottom/30" (762 mm)
S1730C30FA	91 lbs	Box – Closed Bottom/30" (762 mm)

- 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


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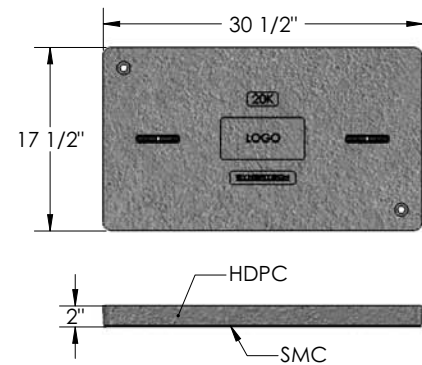
JUNCTION BOX 17 X 30 X 36
CATALOG NO.S1730B36FA

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
S1730B36FA	96 lbs	Box – Open Bottom/36" (914 mm)
S1730C36FA	97 lbs	Box – Closed Bottom/36" (914 mm)

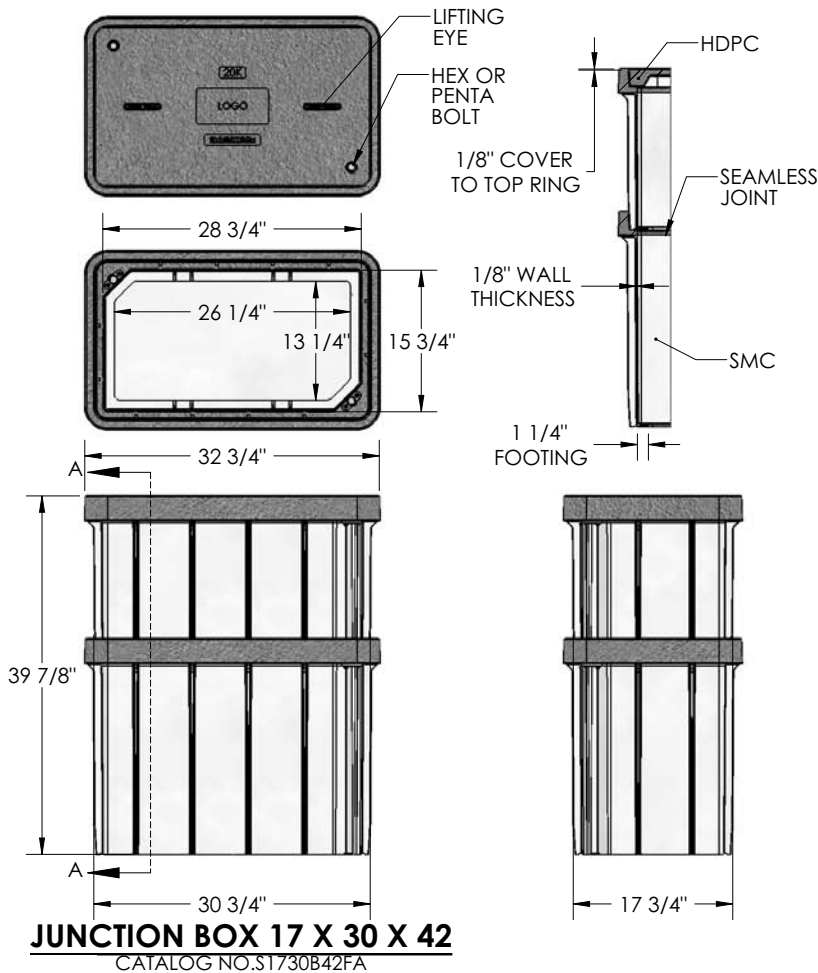
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

- 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



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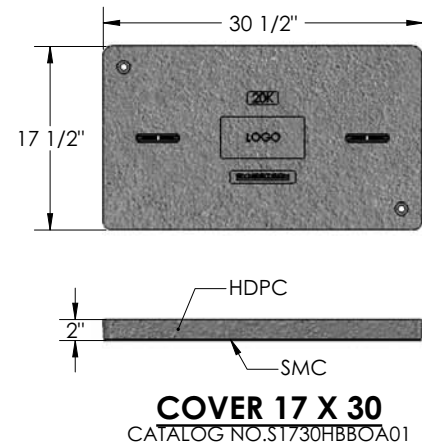
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JUNCTION BOX FEATURES

- 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
S1730B42FA	102 lbs	Box – Open Bottom/42" (1067 mm)
S1730C42FA	103 lbs	Box – Closed Bottom/42" (1067 mm)

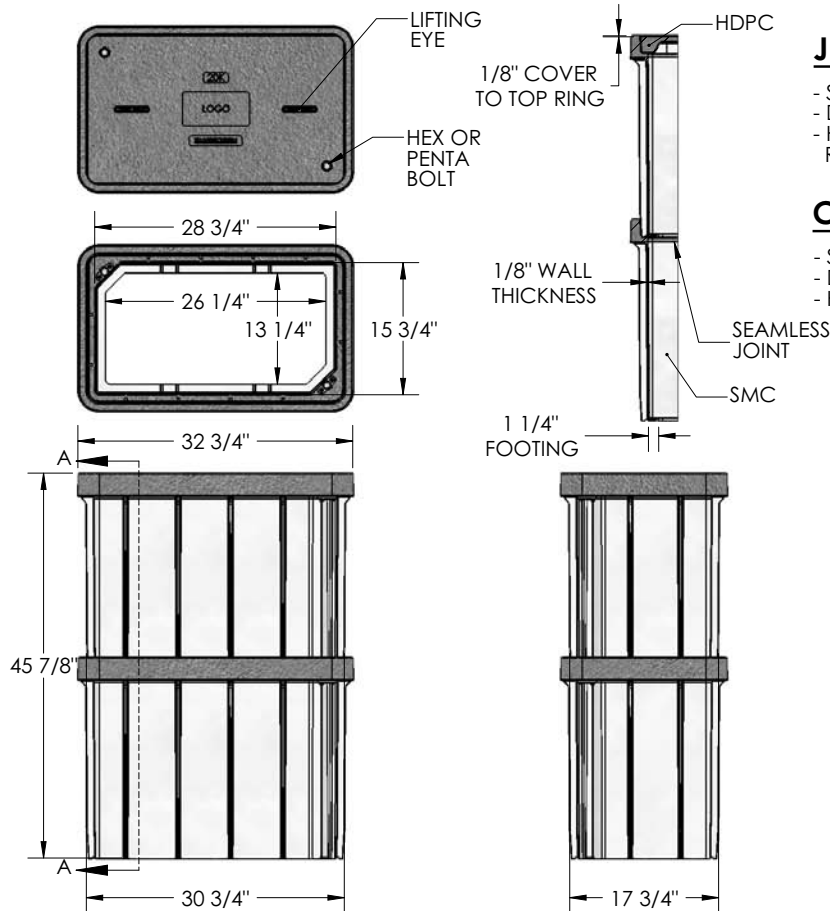
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 17 X 30 X 48

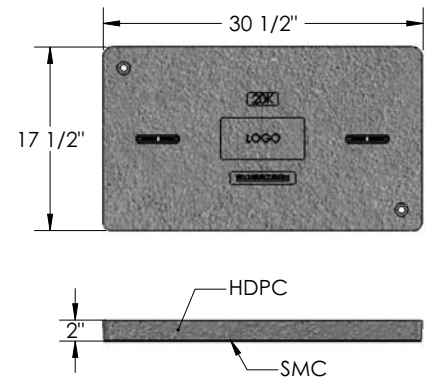
CATALOG NO. S1730B48FA

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)

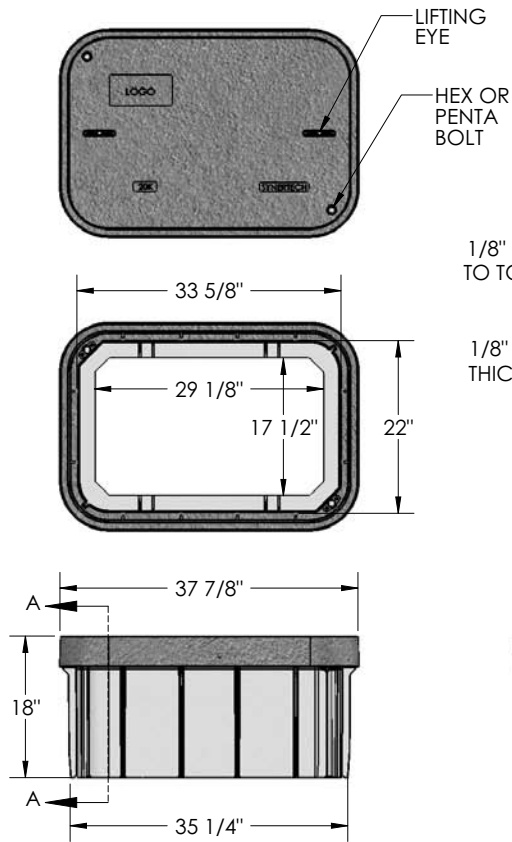
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

- 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

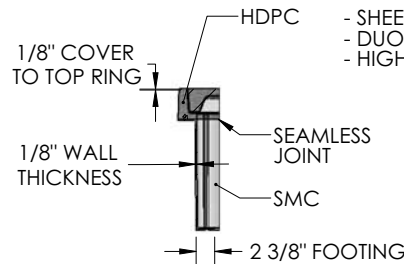


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JUNCTION BOX 24 X 36 X 18
CATALOG NO. S2436B18FA

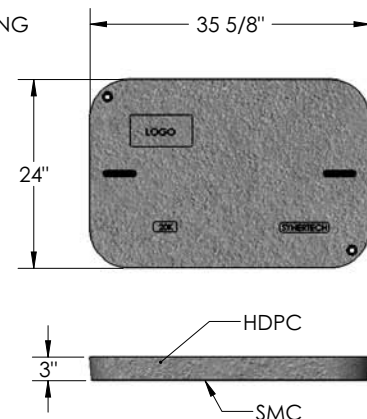


JUNCTION BOX FEATURES

- 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)

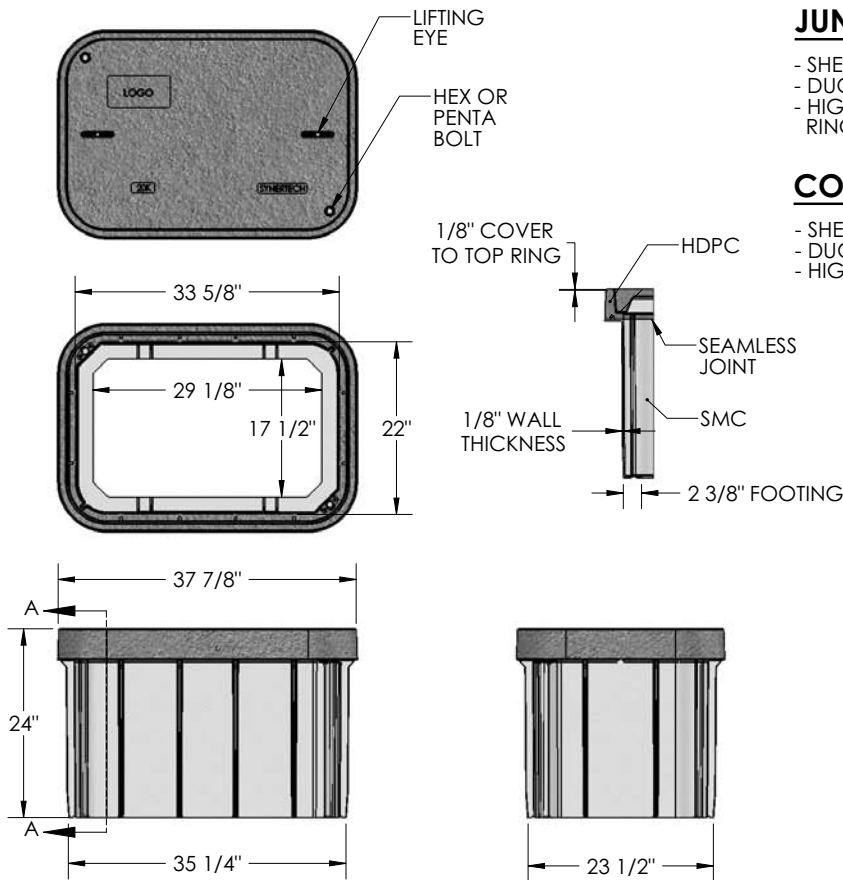
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 24 X 36 X 24

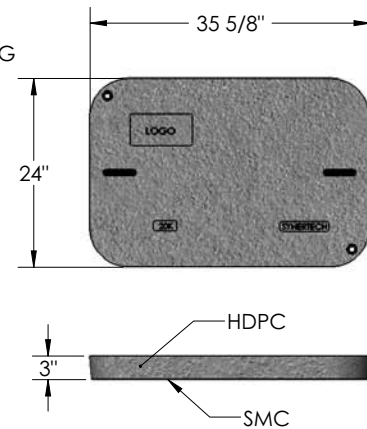
CATALOG NO. S2436B24FA

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)

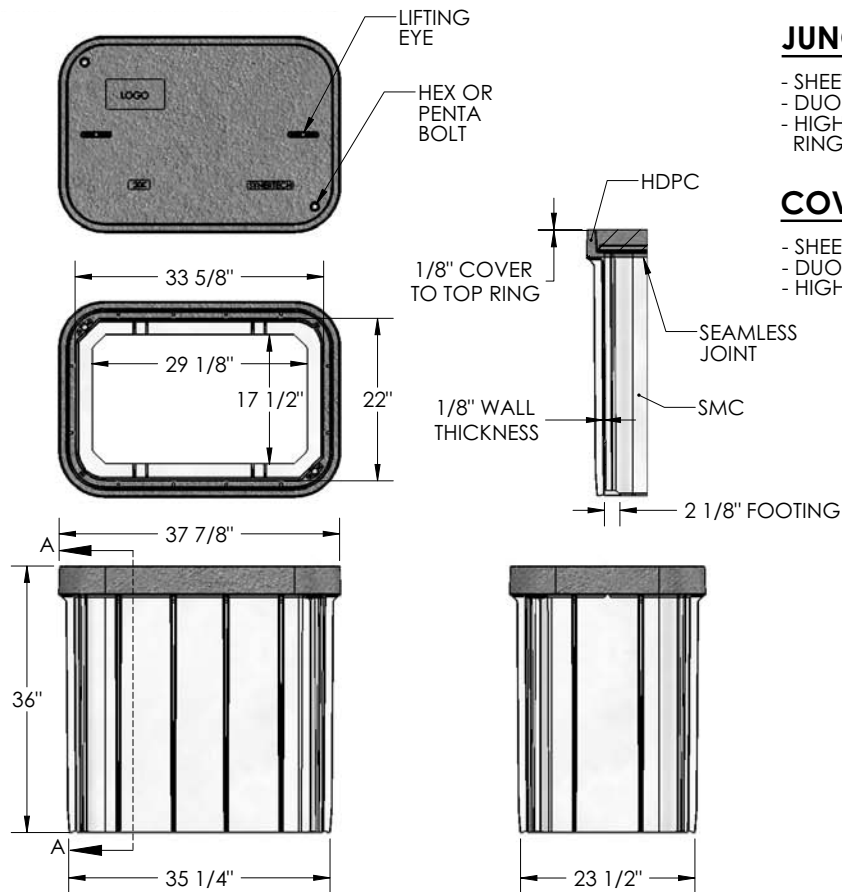
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 24 X 36 X 36

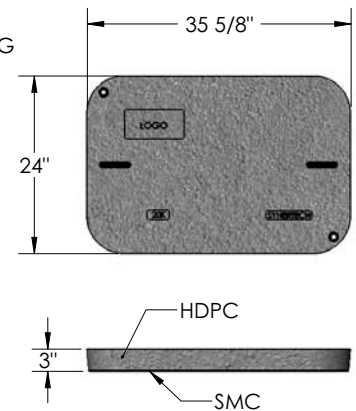
CATALOG NO. S2436B36FA

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

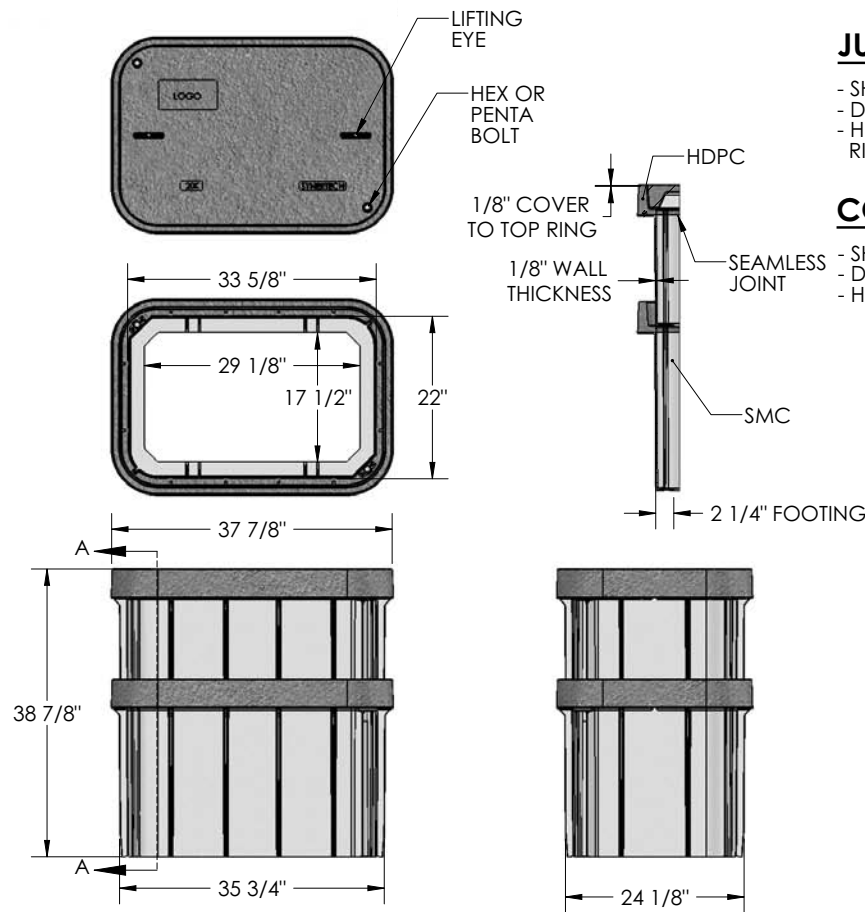
For all options, please contact Customer Service at 1-888-868-5214.

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


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JUNCTION BOX 24 X 36 X 42

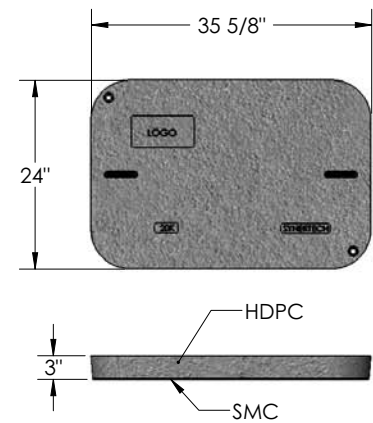
CATALOG NO.S2436B42FA

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.

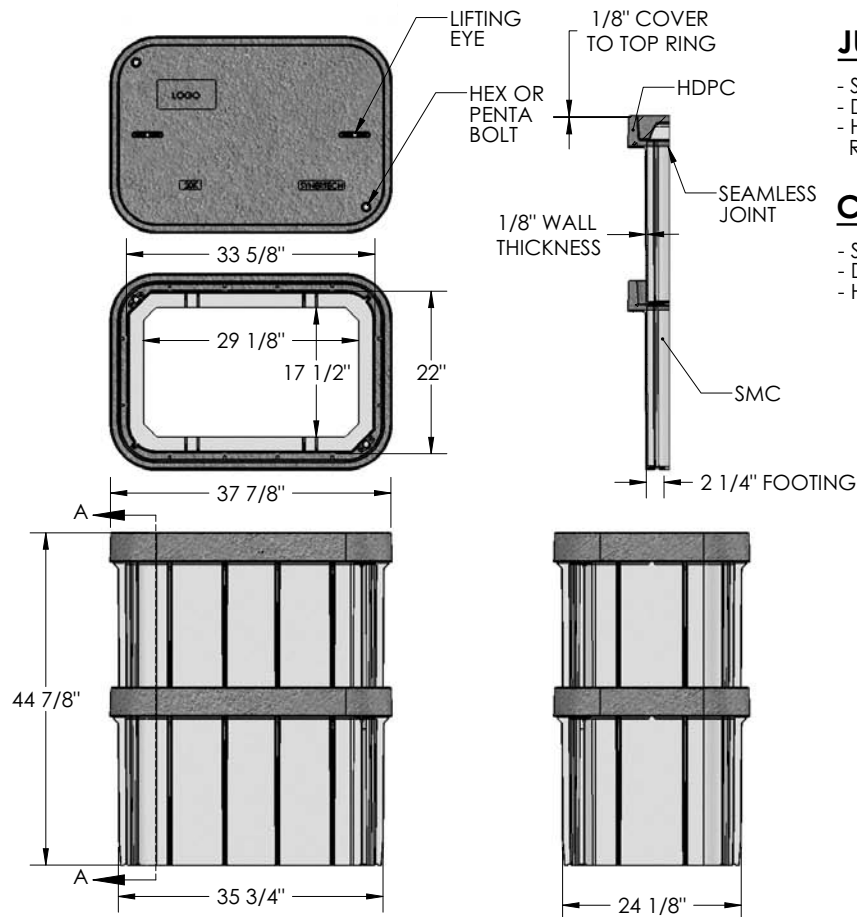
Catalog No.	Approx Shipping Wt.	Description
S2436HCBOA	131 lbs	Cover Bolt Down/Tier 15 - 20K
S2436B42FA	170 lbs	Box – Open Bottom/42" (1067 mm)
S2436C42FA	172 lbs	Box – Closed Bottom/42" (1067 mm)

- 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


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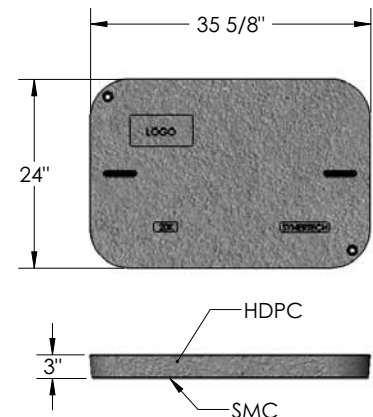
JUNCTION BOX 24 X 36 X 48
CATALOG NO.S2436B48FA

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.

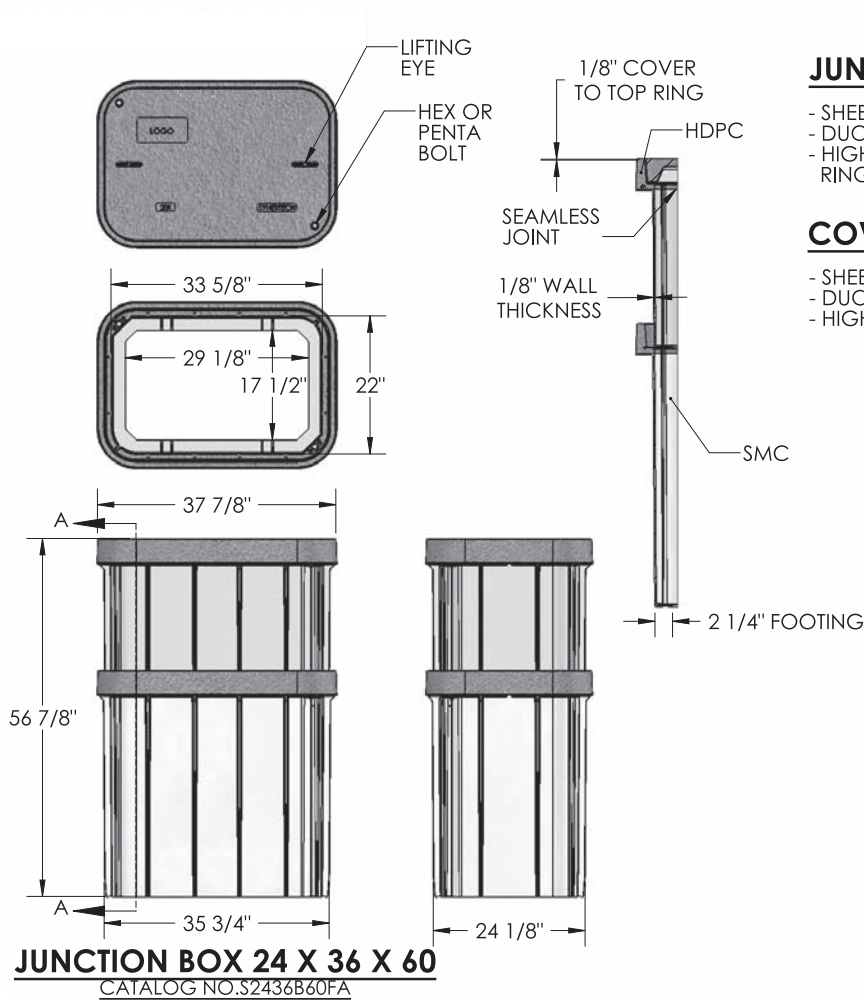
Catalog No.	Approx Shipping Wt.	Description
S2436HCBOA	131 lbs	Cover Bolt Down/Tier 15 - 20K
S2436B48FA	180 lbs	Box – Open Bottom/48" (1219 mm)
S2436C48FA	182 lbs	Box – Closed Bottom/48" (1219 mm)

- 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



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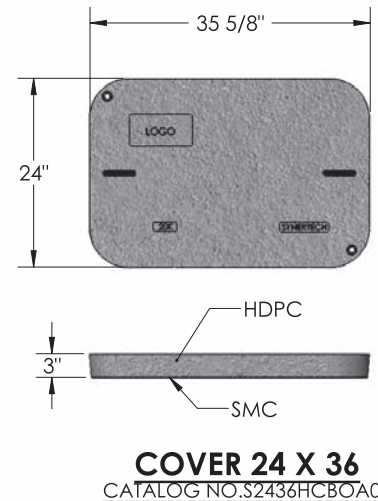


JUNCTION BOX FEATURES

- 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
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)

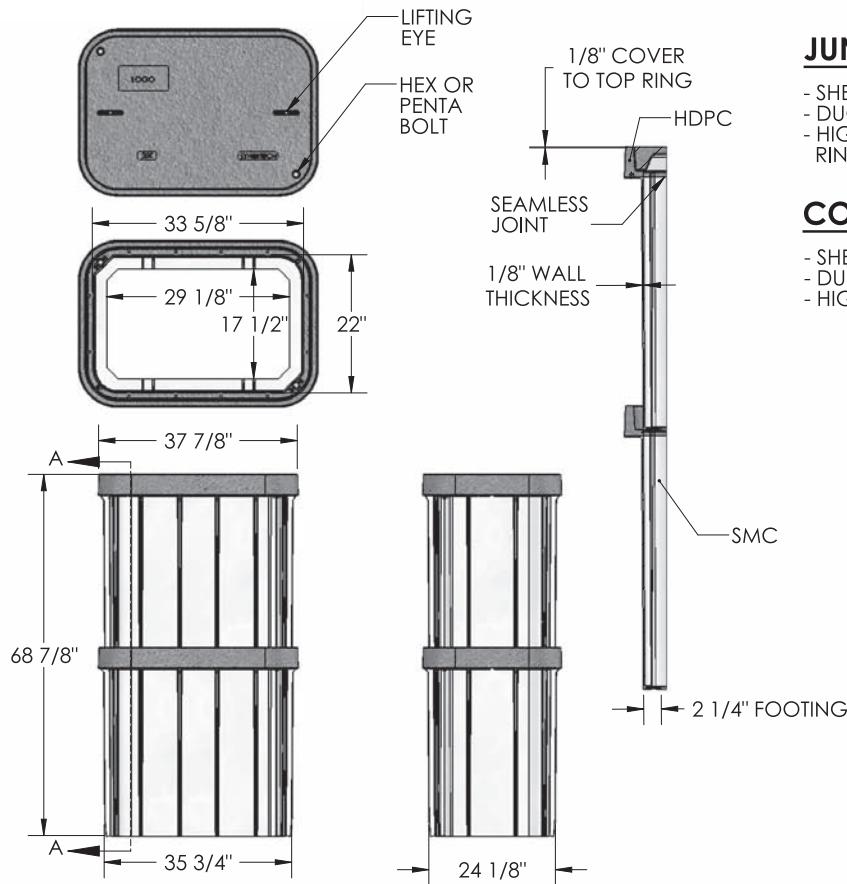
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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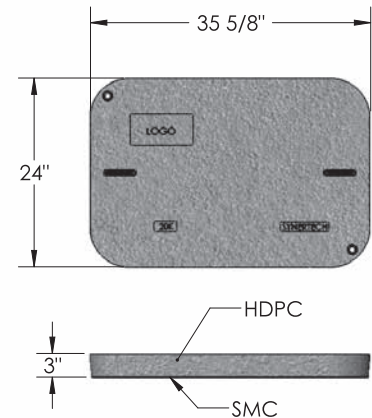


JUNCTION BOX FEATURES

- 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 72

CATALOG NO.S2436B72FA

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
S2436B72FA	224 lbs	Box – Open Bottom/72" (1829 mm)
S2436C72FA	226 lbs	Box – Closed Bottom/72" (1829 mm)

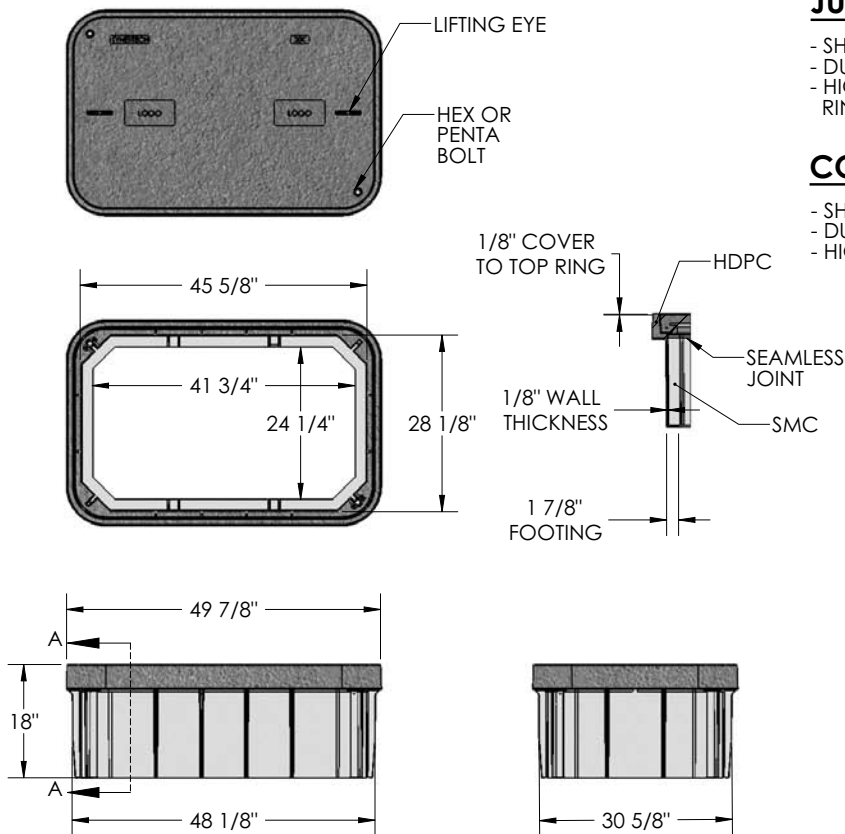
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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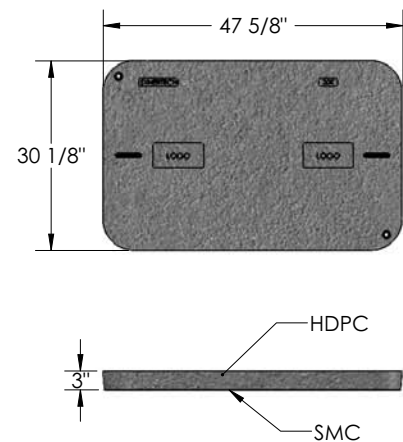
JUNCTION BOX 30 X 48 X 18
CATALOG NO. S3048B18FA

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)

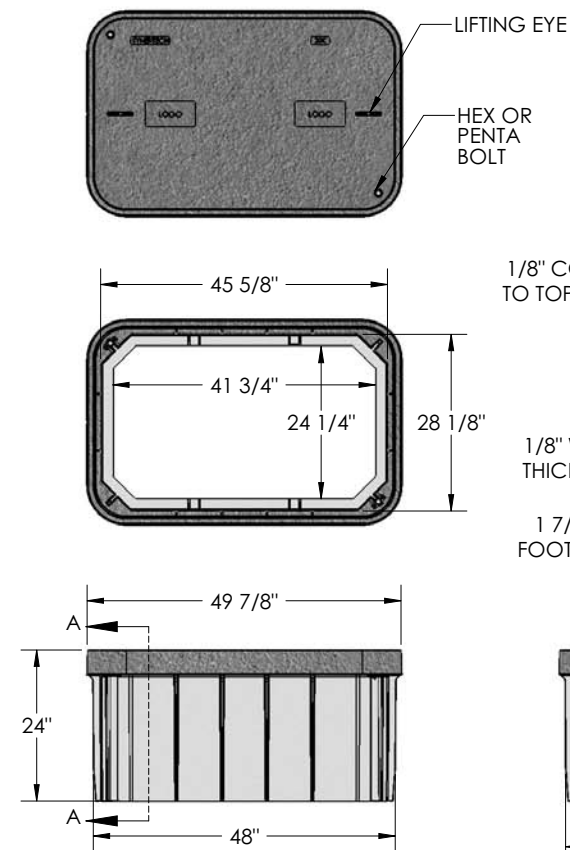
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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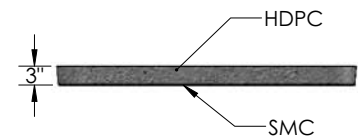
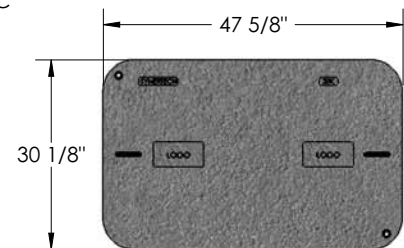
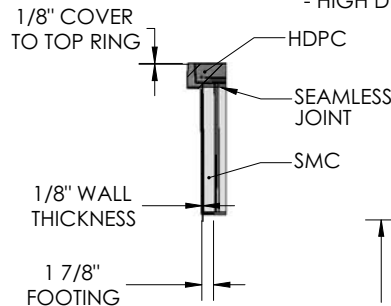
JUNCTION BOX 30 X 48 X 24
CATALOG NO. S3048B24FA

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)

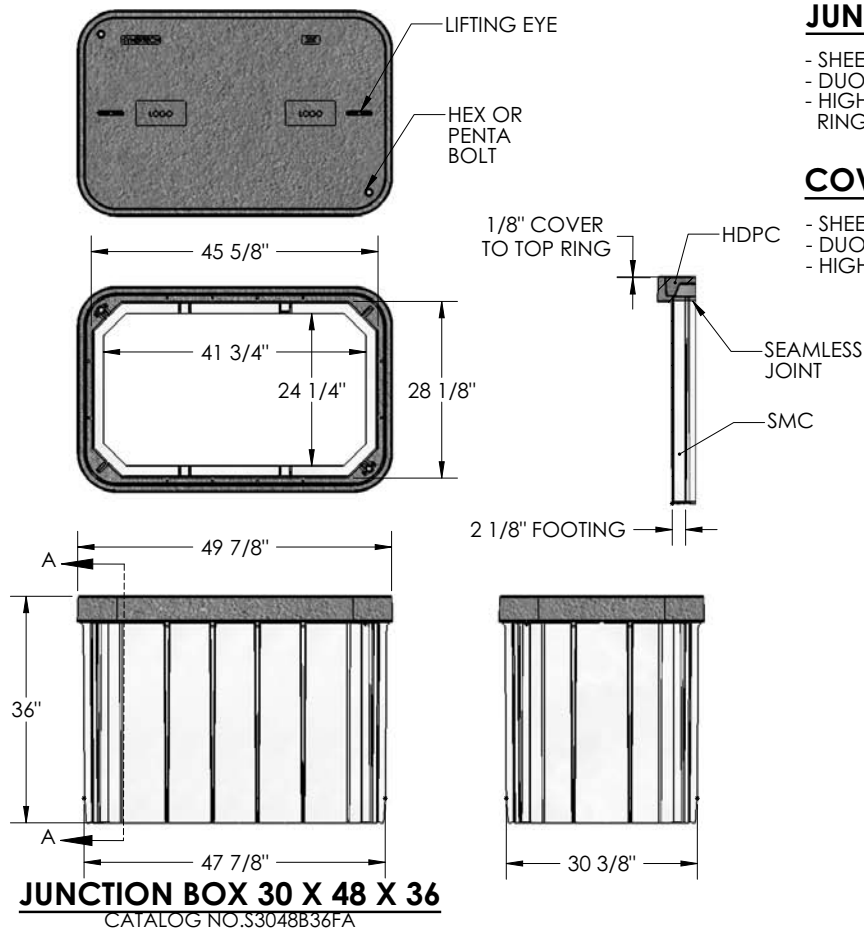
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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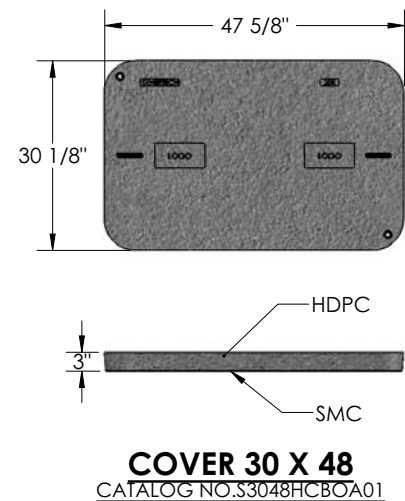


JUNCTION BOX FEATURES

- 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
S3048B36FA	232 lbs	Box – Open Bottom/36" (914 mm)
S3048C36FA	235 lbs	Box – Closed Bottom/36" (914 mm)

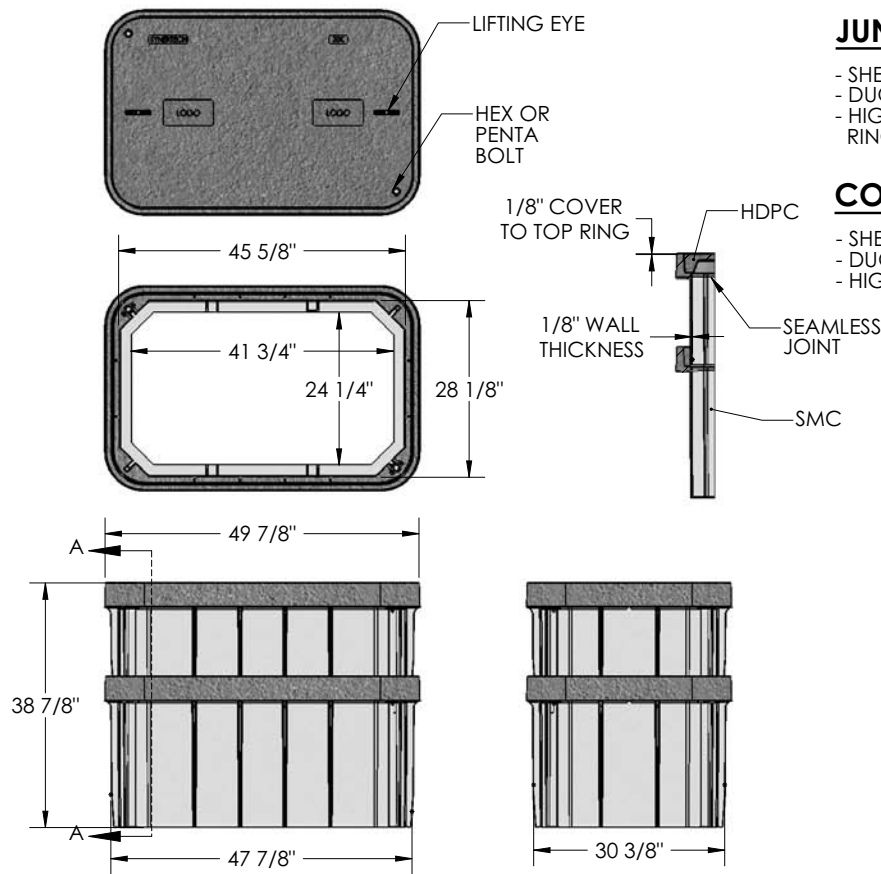
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 30 X 48 X 42

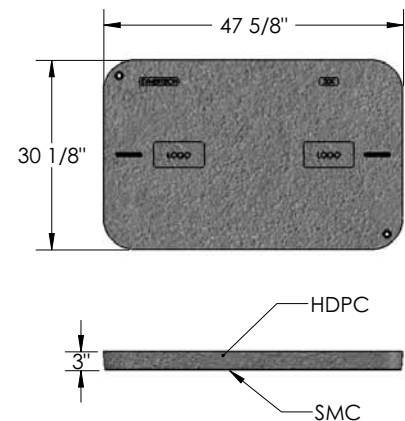
CATALOG NO. S3048B42FA

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.

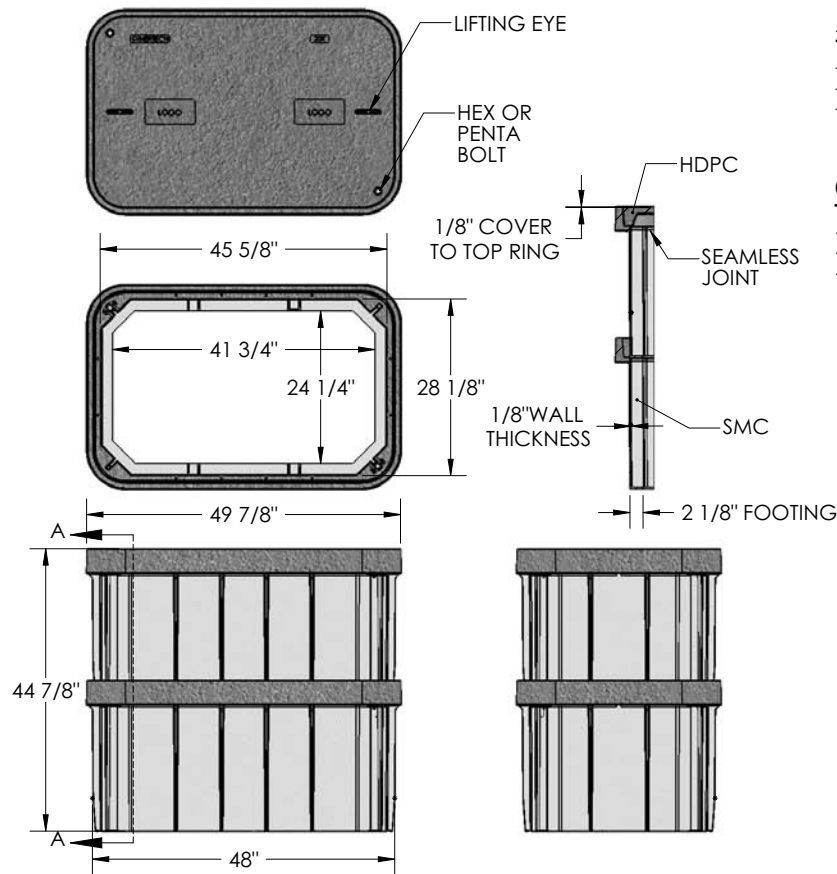
Catalog No.	Approx Shipping Wt.	Description
S3048HCBOA	214 lbs	Cover Bolt Down/Tier 15 - 20K
S3048B42FA	230 lbs	Box – Open Bottom/42" (1067 mm)
S3048C42FA	233 lbs	Box – Closed Bottom/42" (1067 mm)

- 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


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JUNCTION BOX 30 X 48 X 48

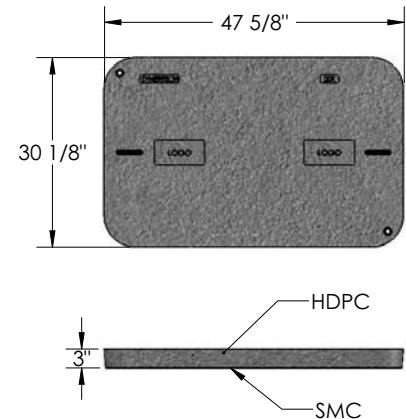
CATALOG NO. S3048B48FA

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)

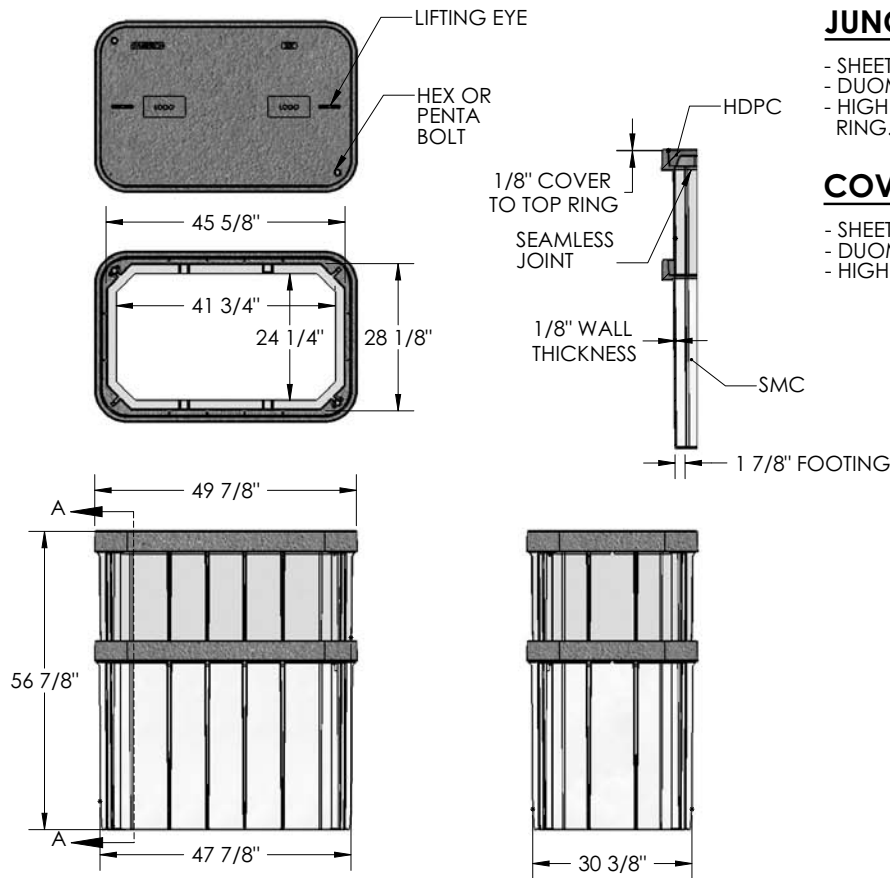
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 30 X 48 X 60

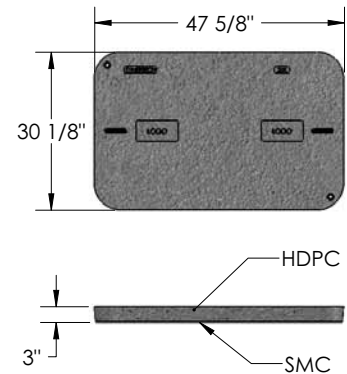
CATALOG NO. S3048B60FA

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.

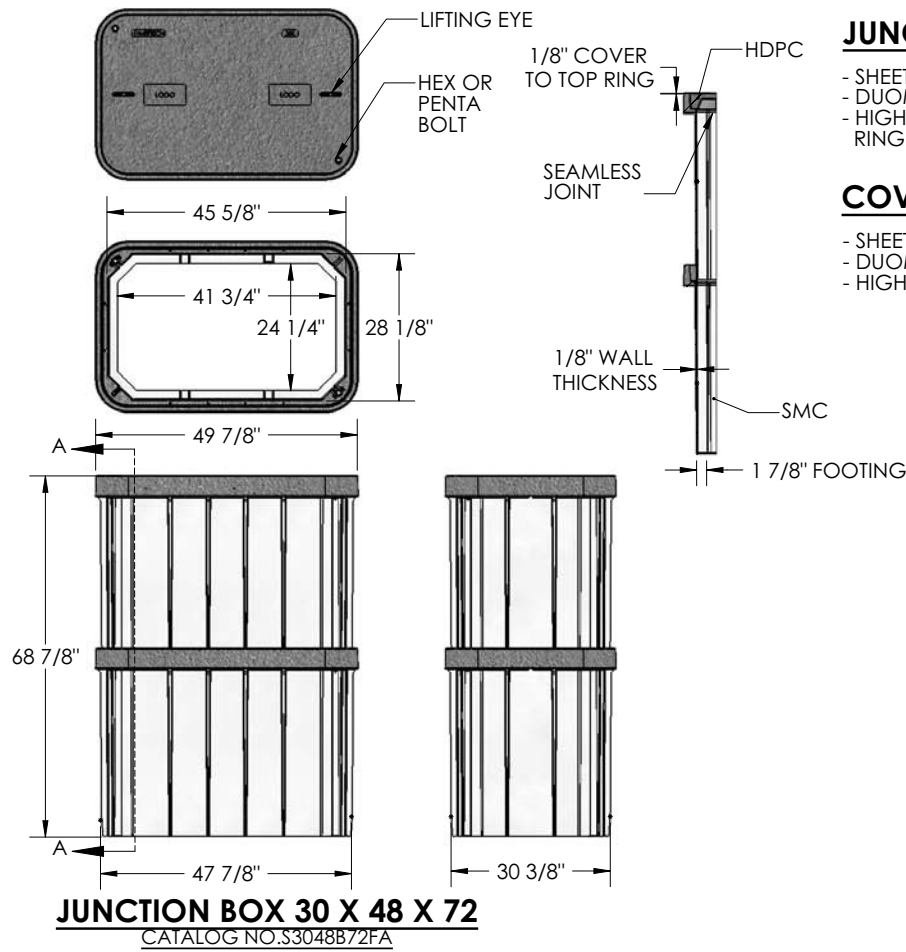
Catalog No.	Approx Shipping Wt.	Description
S3048HCBOA	214 lbs	Cover Bolt Down/Tier 15 - 20K
S3048B60FA	354 lbs	Box – Open Bottom/60" (1524 mm)
S3048C60FA	357 lbs	Box – Closed Bottom/60" (1524 mm)

- 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


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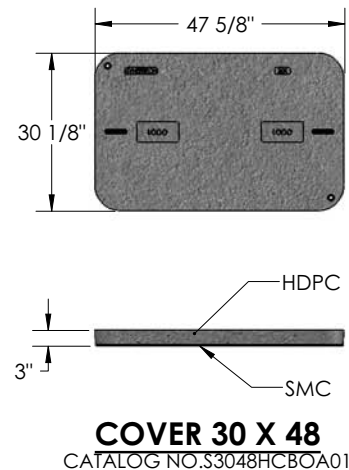


JUNCTION BOX FEATURES

- 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)

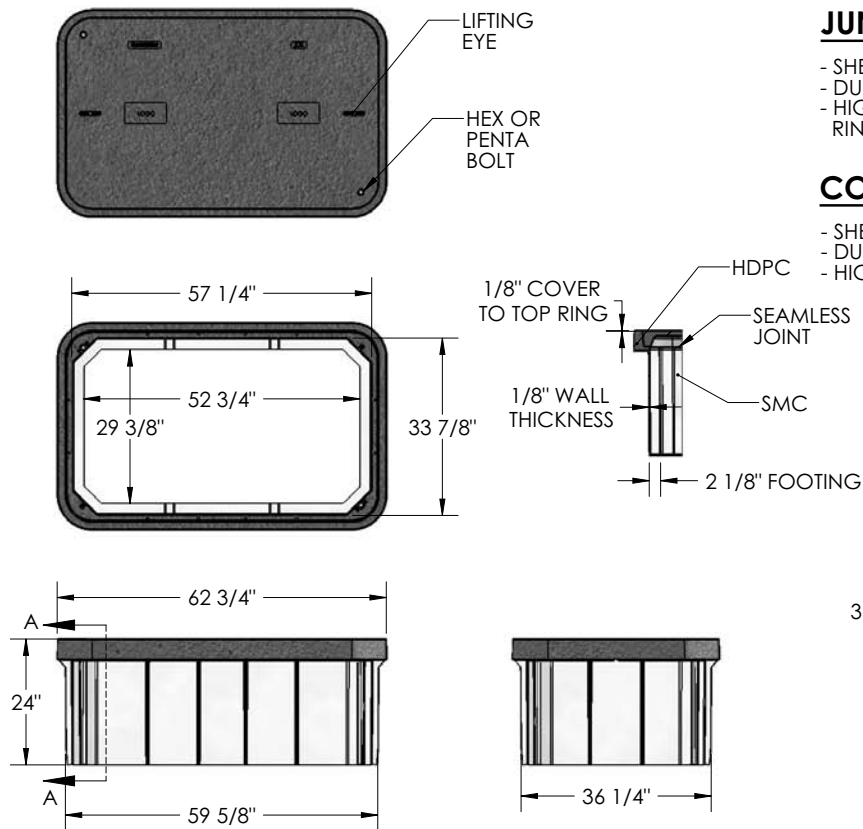
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 36 x 60 x 24

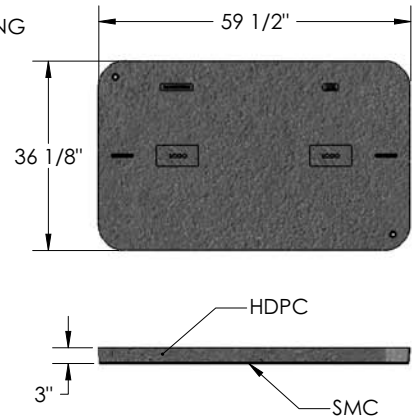
CATALOG NO.S3660B24FA

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.S3660HCB0A01

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

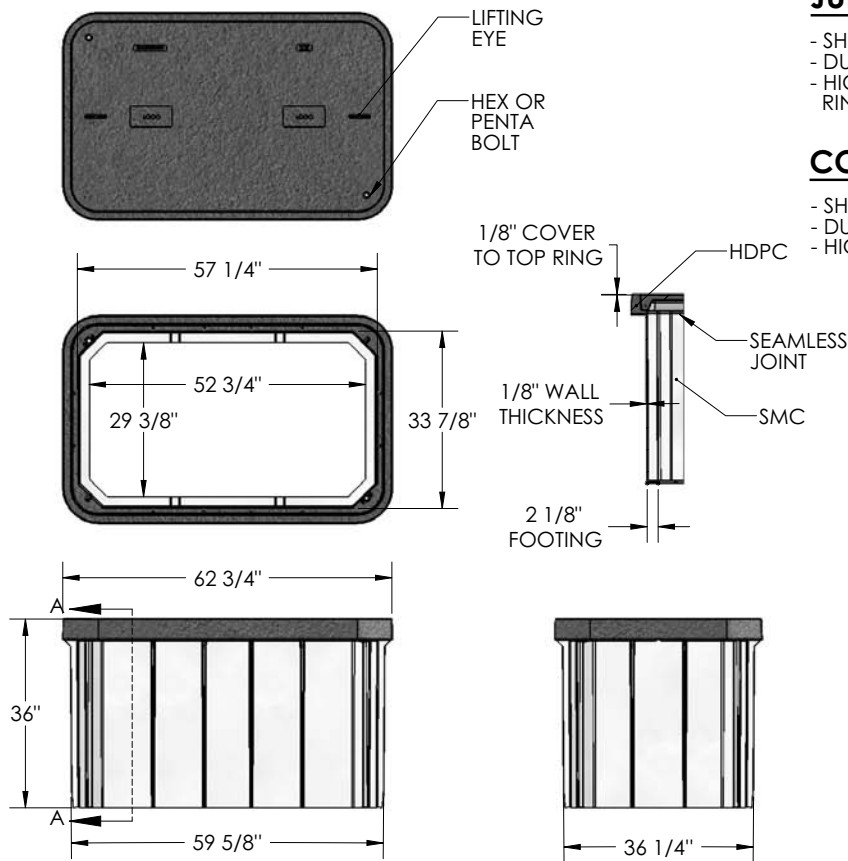
Catalog No.	Approx Shipping Wt.	Description
S3660HCBOA	547 lbs	Cover Bolt Down/Tier 15 - 20K
S3660B24FA	181 lbs	Box – Open Bottom/24" (610 mm)
S3660C24FA	185 lbs	Box – Closed Bottom/24" (610 mm)

- 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


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JUNCTION BOX 36 X 60 X 36

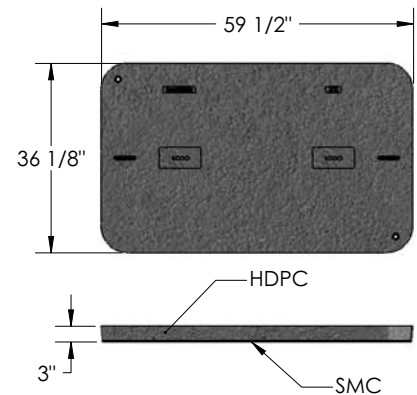
CATALOG NO.S3660B36FA

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)

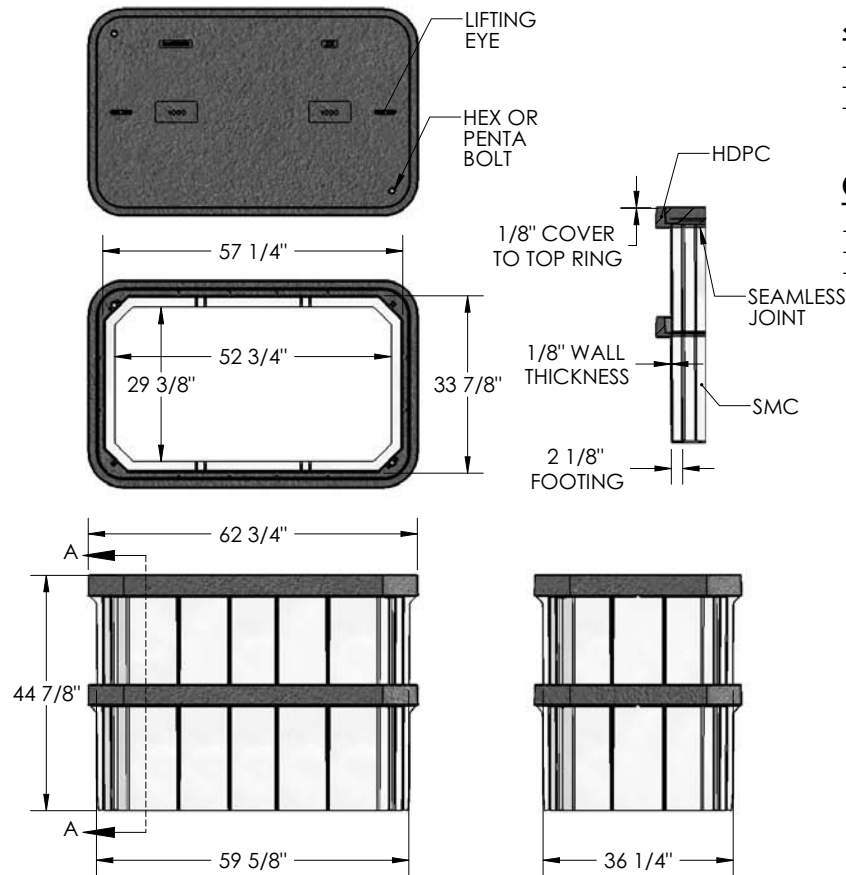
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 36 X 60 X 48

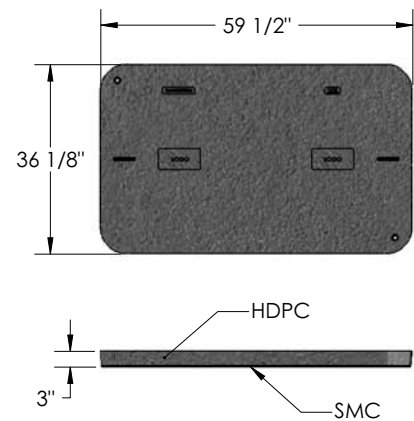
CATALOG NO.S3660B48FA

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

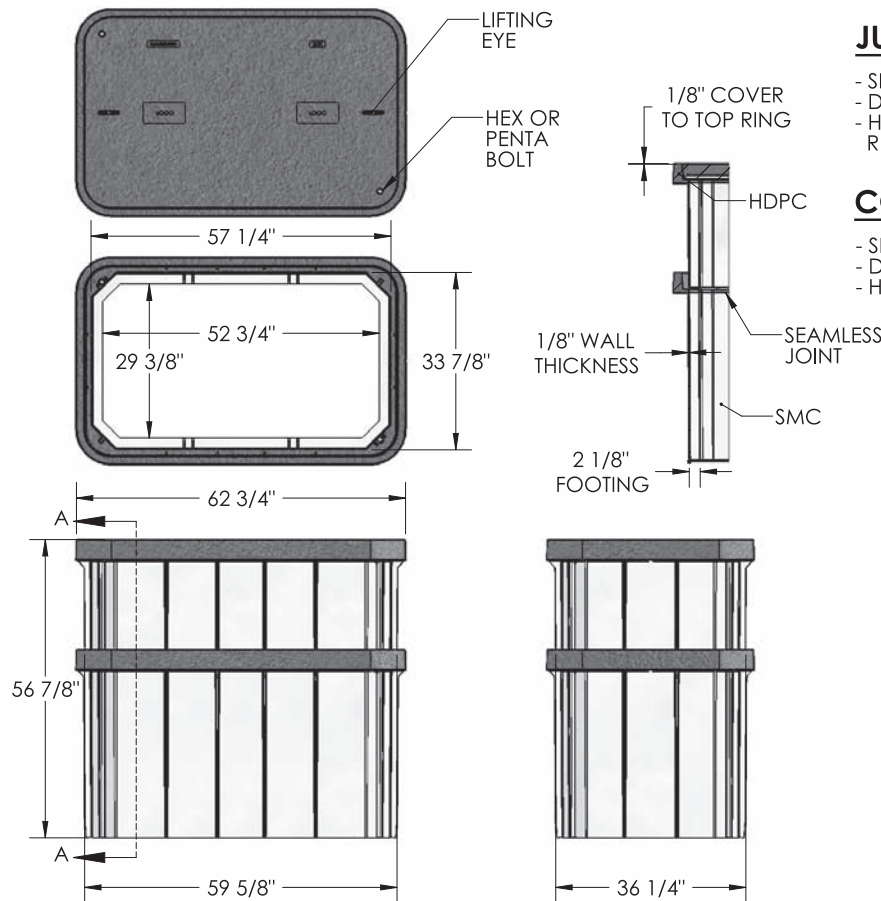
For all options, please contact Customer Service at 1-888-868-5214.

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


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JUNCTION BOX 36 X 60 X 60

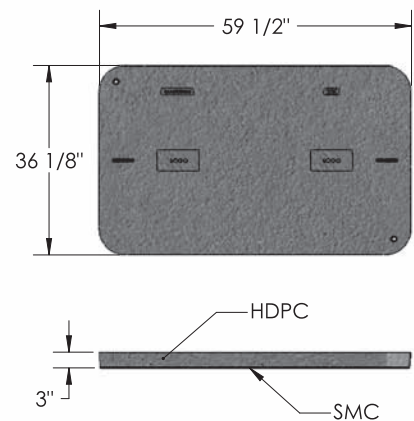
CATALOG NO.S3660B60FA

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)

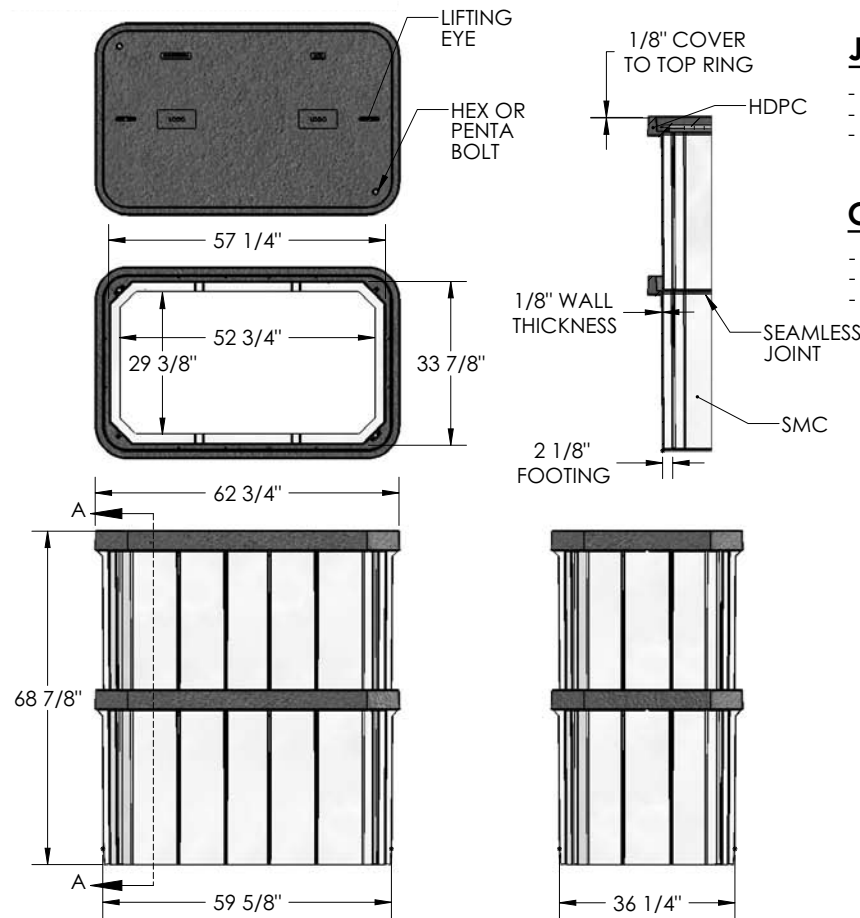
- Stainless Steel Hardware - replaceable
- Penta or Hex Bolts
- Monolithic construction
- Straight walled design for stacking capability and grade adjustments

- 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



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JUNCTION BOX 36 X 60 X 72

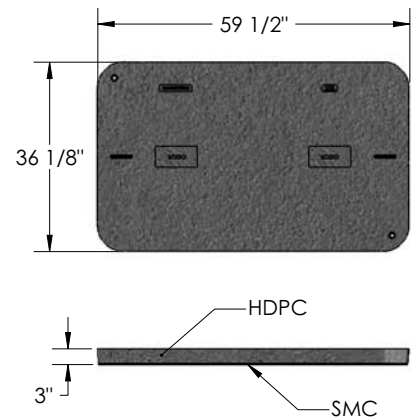
CATALOG NO. S3660B72FA

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


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