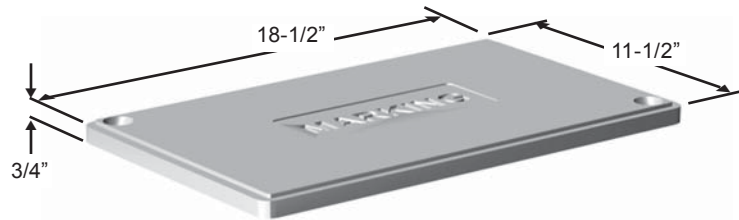




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Heavy Duty HLW1118

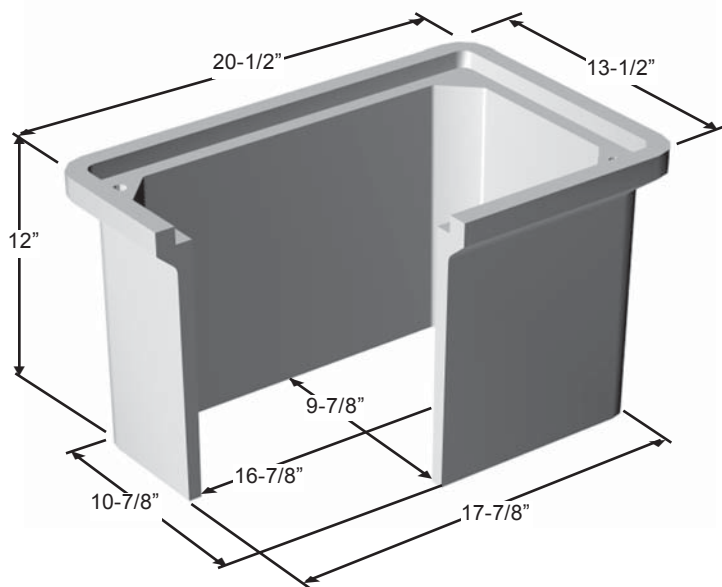
Polymer Concrete 12" Standard H-10



COVER¹

Model:
HLW1118-P0

Skid Resistant Surface²
(Material and cover dimensions compliant with WUC, Guide 3.6³)



BODY

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.

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Heavy Duty

HLW1118

Polymer Concrete 12" Standard H-10

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RAW MATERIAL SPECIFICATIONS

Polymer Concrete, H-10

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

¹AASHTO H-10, ASTM C 857, A-8, 8,000 lbs Design Load. Static Vertical Load Rating >22,880 lbf. SCTE Tier 10, 10,400 lb design load; 22,568 lbf minimum test load.

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.

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 INFORMATION

	<u>Weight</u>
1118-P0 Light Duty Cover	10 lbs.
1118-12 Light Duty Body	33 lbs.

Shipping Configuration

Unit, 24 assemblies = 54.25 cu. ft.; 1,032.0 lbs.

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