

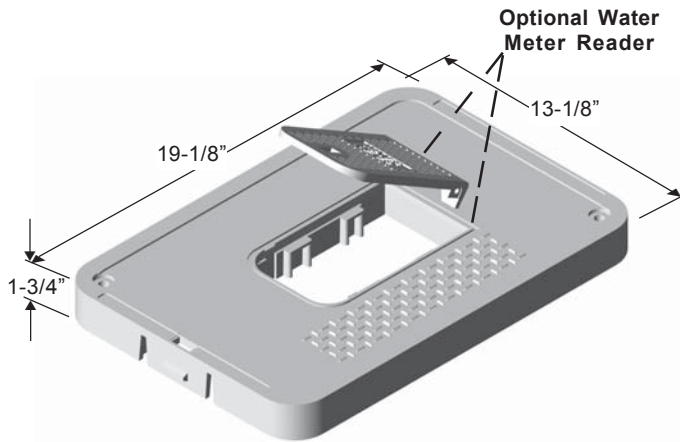


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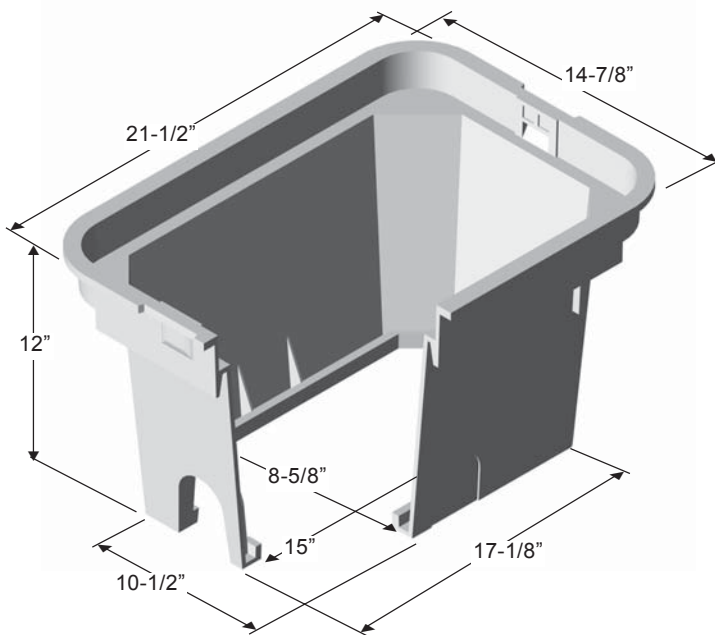
**Specification Grade**

**1017**

**12" Inverted Box**



**3/8" Hex Bolt is optional**



**FLUSH COVER**

**Models:**

- 1017-3 Green  
Gray  
Black
- 1017-5 Green or Gray  
With Plastic Reader
- 1017-6 Cast Iron  
With Cast Iron Reader

**BODY**

**Model:**

- 1017-12 Green  
Gray  
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.

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## Specification Grade

# 1017

## 12" Inverted Box

### Carson Industries, LLC

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### HDPE Structural Foam

#### RAW MATERIAL SPECIFICATIONS

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

#### Molded Product<sup>2</sup>

Chemical Resistance	D 543	Very Resistant
Water Absorption	D 570	Less than 1% weight change

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

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

12/18/02

#### SHIPPING INFORMATION

	<b>Weight</b>
1017-3,-5 Covers	3.6 lbs.
1017-6 Cover	4.0 lbs.
1017-12 Body	6.4 lbs.

#### Shipping Configuration

Unit, 66 assemblies = 56.0 cu. ft.; 756.0 lbs.

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