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## Low Profile Adapter

### 6" x 6" ADAPTER AND GRATE

**Models:**

TT-142	Green
TT-143	Black
TT-144	Gray
TT-144-T	Tan

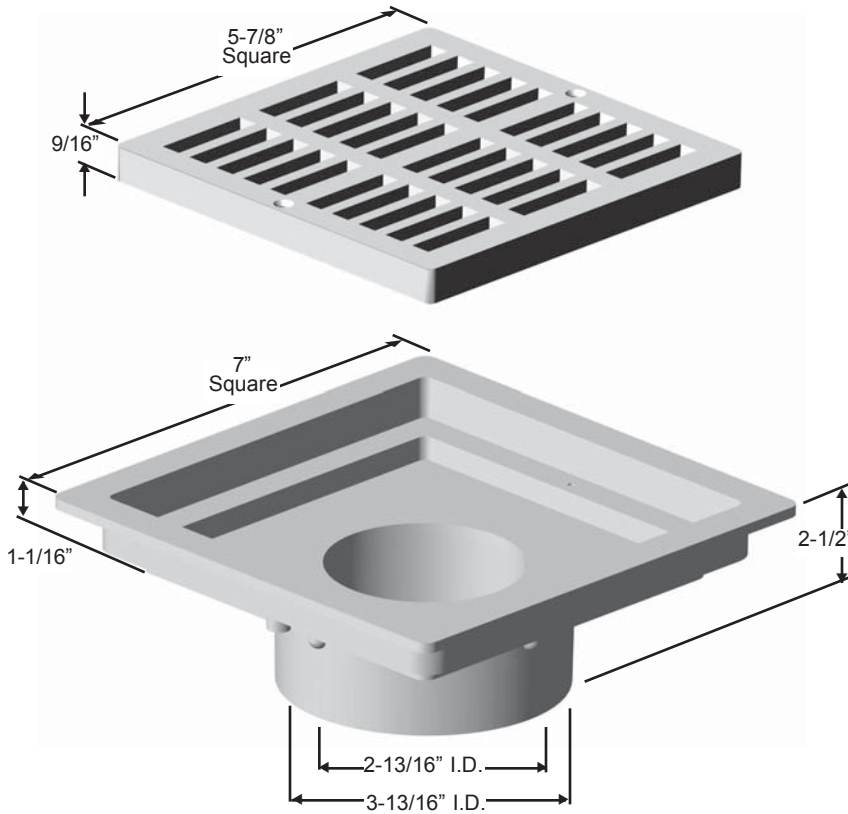
**Materials:**

Housing – High-impact Polystyrene  
 Grate – High-Density Polyethylene

**Grate Opening:** 1/4"

**Open Surface Area:** 13.08 Sq. In.

**Fits:** 3" & 4" S/D Pipe Fittings and 3" x 4" Corrugated Pipe.



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

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### RAW MATERIAL SPECIFICATIONS

#### HDPE STRUCTURAL FOAM

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

#### POLYSTYRENE (HIPS)

Material Property	ASTM Test Method	Typical Value <sup>1</sup>
Specific Gravity, g/cm <sup>3</sup>	D 792	1.04
Tensile Strength, at yield, psi	D 638	>4,000
Elongation, at break, %	D 638	>35
Notched Izod, ft-lb/in @0.125"	D 256	2-4
Flexural Modulus, psi	D 790	285,000
Deflection Temperature, at 264 psi, °F	D 648	>189

<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

	Carton Quantity	Weight
6" x 6" Adapter and Square Grate	8	8 lbs.

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*Recommended for non-vehicular applications such as pedestrian or bicycle traffic*