

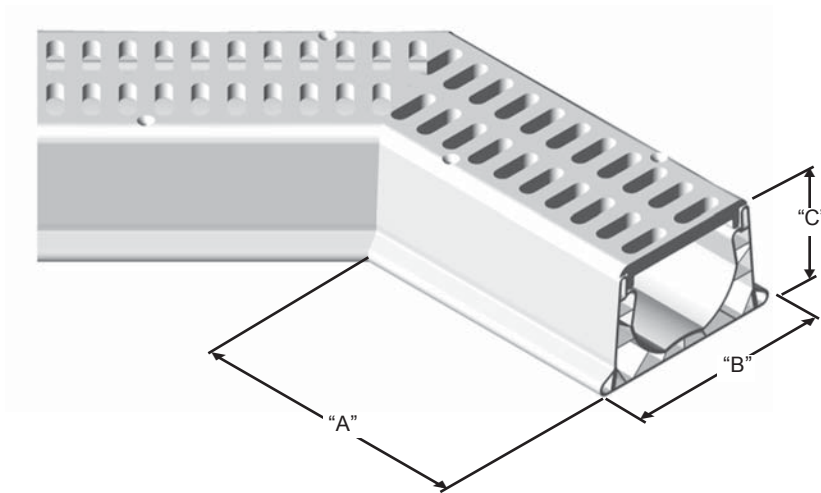


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Drainage

Channel Drain

45° Connection



PRODUCT SIZE	A	B	C
2"	6"	3-1/4"	2"
4"	7-1/4"	6-5/8"	3-13/16"

2" 45° 1/8 BEND CONNECTION

Models:

TT-647 Green TT-650 Tan
 TT-648 Black
 TT-649 Gray

Material:

Channel – PVC (Extrusion Grade)
 Grates – High-Density Polyethylene

4" 45° 1/8 BEND CONNECTION

Models:

TT-776 Green TT-779 Tan
 TT-777 Black
 TT-778 Gray

Material:

Channel – PVC (Extrusion Grade)
 Grates – High-Density Polyethylene

Installation Reference

Recommended for light vehicular traffic such as cars and small trucks with speeds not exceeding 20 mph.

When installing in concrete, grate must be fastened to channel prior to installation. After support braces (#TT-637 –2" or #TT-769–4") have been anchored to rebar, channel will remain securely in position when concrete is poured. For best results, a gentle slope of 1/8" per foot of concrete will provide good drainage into channel system.

For applications where concrete is not required, such as green areas, the channel system can be laid directly on a bed of crushed stone and backfilled with compacted soil.

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 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	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

POLYVINYL CHLORIDE, EXTRUSION GRADE

Material Property	ASTM Test Method	Typical Value ¹
Cell Classification	D 1784	16,354
Specific Gravity, g/cm ³	D 792	1.46
Tensile Strength, at yield, psi	D 638	≥6,000
Tensile Modulus, psi	D 638	≥430,000
Flexural Modulus, psi	D 790	≥420,000
Dart Impact Resistance, @73° F, in-lb/mil, 0.125" conical dart	D 4226	1.1
Deflection Temperature, at 264 psi, °F	D648	163
Hardness, Shore D	D 2440	79

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.

12/18/02

SHIPPING INFORMATION

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.

	Carton Quantity	Weight
2" 1/8 Bend Connection	1	1 lbs.
4" 1/8 Bend Connection	1	1.78 lbs.