

PRODUCT SPECIFICATION

NAPCORE™ PVC DWV CELLULAR CORE PIPE

Residential plumbing requires drain/waste/vent (DWV) pipe and fittings for interior and exterior sanitary drainage systems. One option for the pipe in this system is NAPCORE PVC DWV Cellular Core pipe.

NAPCORE is a co-extruded cellular (foam) core pipe, consisting of inner and outer "skin" layers and a "foamed" core. Foaming agents, added to the PVC material, create the lower density, closed-cell core. The final product is a cost effective DWV pipe, which can be used for low-rise combustible residential construction.

This product is manufactured according to ASTM F3128-19, including enhanced cold temperature impact resistance testing and a cellular structure test. The cold temperature impact testing demands higher performance than standard PVC Cellular Core DWV pipe manufactured to ASTM F891. The cellular structure test confirms the water-tightness and closed-cell properties of the foamed inner core.

PVC DWV fittings meeting CSA B181.2 shall be used with this pipe product. Assembly of this product with PVC DWV fittings is by solvent weld joints, using PVC primer and solvent cement certified to CSA B181.2.

SHORT FORM SPECIFICATION

Pipe Standard:	ASTM F3128-19
Applications:	Drain Waste and Vent Residential Low Rise, Combustible
Diameter Std.:	(IPS) Schedule 40
Nominal Sizes:	1½", 2", 3", 4", 6"
Length:	12', Plain End
Colour:	Grey
Pipe Compound:	ASTM D4396 Cell Classification 11432
Certifications:	NSF 14 (ASTM F3128-19)
Installation:	As per ASTM F3128-19: Appendix, CSA B181.2: Annex A



Only products
bearing the NSF
Mark are Certified

PVC DWV CELLULAR CORE PIPE DIMENSIONS

Nominal Size in (mm)	Average Outside Diameter (OD) in	Minimum Wall Thickness (T) in	Stiffness psi
1½" (40 mm)	1.900	0.145	600
2" (50 mm)	2.375	0.154	300
3" (75 mm)	3.500	0.216	300
4" (100 mm)	4.500	0.237	200
6" (150 mm)	6.625	0.280	120

Notes:

1. These dimensions are for estimating purposes only. All dimensions are in inches unless otherwise specified.
2. Pipe Stiffness determined using ASTM D2412 at 5% deflection. This is a property that defines the pipe's ability to resist external loading.

