

PVC DWV FITTINGS FOR PLUMBING AND MECHANICAL APPLICATIONS

Job Name _____ **Contractor** _____

Job Location _____ **Wholesaler** _____

Engineer _____ **Streamline® Rep** _____

Product Description:

Streamline® PVC DWV fittings for use in applications including sanitary drain, waste, and vent (DWV), sewer, and general drainage applications. Available in sizes ranging from 1-¼" to 8" in diameter; all fittings should be manufactured in the United States.

Material:

Virgin rigid polyvinyl chloride (PVC) compounds conform to cell class 12454 as defined in ASTM D1784.

Key Specifications:

Streamline® PVC DWV fittings shall be made to meet to ASTM D2665, F1498, and D3311. Third Party Certifications shall be in place for fittings in compliance with NSF Standard 14. Fittings shall be certified to the Uniform Plumbing Code (UPC) where applicable.

Installation:

Installation shall comply with the latest applicable building codes for the local jurisdiction. Solvent cement connections shall be made using a two-step process consisting of primer (in conformance with ASTM F656) and solvent cement (in conformance with ASTM D2564). For detailed installation instructions, consult the Plumbing Apprentice Training Manual available from PPFA (Plastic Pipe & Fitting Association) at ppfahome.org.

PVC DWV fittings are not designed for hot water systems but should discharge temperatures should not exceed 140°F. Systems shall be installed to avoid contact with thread sealants or other chemical agents which are not compatible with PVC. Hydrostatic testing of the system shall be completed prior to use.

Do not test or use Streamline® plastic products with compressed air or compressed gases.

References:

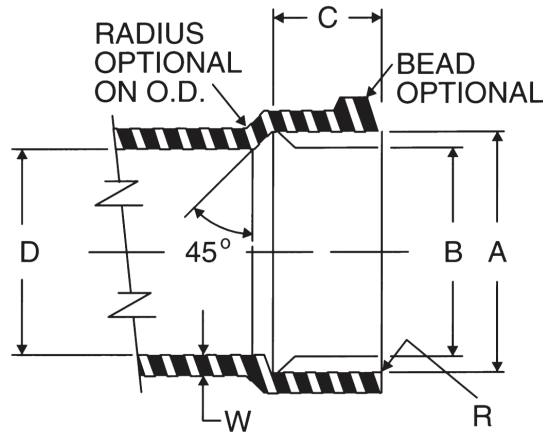
ASTM D1784	Standard Specification for Rigid Poly Vinyl Chloride (PVC) compounds
ASTM D2665	Standard Specification for PVC drain, waste, and vent fittings
ASTM F1498	Taper pipe threads for thermoplastic fittings/fitting threads
ASTM D3311	Laying lengths of plastic fittings intended for use with outside diameter controlled pipes in DWV application
ASTM F656	Standard specification for primers
ASTM D2564	Standard specification for solvent cement

Other Applicable Standards:

CSA B181.1	ABS Drain, Waste, and Vent Pipe and Pipe Fittings
NSF Standard 14	Plastic Piping System and Related Components
NSF International	IAPMO
UPC	CSA



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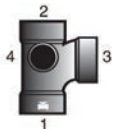
SOCKET DIMENSIONS AND TOLERANCES PVC-DWV

Trade Sizes	A		B		C	D	W	R
	Socket Entrance Diameter		Socket Bottom Diameter					
	Total Average Tol. A	Out of Round	Total Average Tol. A	Out of Round	Min Socket Depth	Min Internal Thread Length	Wall Thickness Min.	Radius or 45° Chamfer
1-1/4"	1.675	0.024	1.655	0.024	0.687	0.687	0.156	1/16
1-1/2"	1.915	0.024	1.894	0.024	0.687	0.687	0.156	1/16
2"	2.390	0.024	2.639	0.024	0.750	0.750	0.156	3/32
3"	3.520	0.030	3.492	0.030	1.500	1.187	0.219	1/8
4"	4.520	0.030	4.491	0.030	1.750	1.281	0.250	1/8
6"	6.647	0.060	6.614	0.060	3.000	1.500	0.281	1/8
8"	8.655	0.090	8.610	0.090	4.000	1.687	0.328	3/16

Note: "A" Tolerance through 4" + 0.010, -0.005. 6" +0.015, -0.010, 8" +0.030, -0.000
 "B" Tolerance 1-1/4" ±0.005, 1-1/2" & 2" ±0.006, 3" ±0.008, 4" ±0.009, 6" ±0.011, 8" ±0.015

SIZING NOMENCLATURE FOR DWV FITTINGS

Multi-Joint Fittings



- 1 = Bottom Outlet
- 2 = Top Inlet
- 3 = Main Branch
- 4 = Branch, Side Inlet

Two Joint Fittings



- 1 = Left Side of Fitting
- 2 = Right Side of Fitting

CONNECTION DESCRIPTIONS

H	Hub
Sp	Spigot (Pipe O.D.)
SJ	Slip Joint
MPT	Male Pipe Thread
FPT	Female Pipe Thread
S/D	Sewer & Drain
NPSM	National Pipe Straight Mechanical Thread
CI	Cast Iron

All 90° Openings Pitch 1/4" Per Foot
 (Exception - Vent Fittings)