

PRODUCT SPECIFICATION

SCHEDULE 40 AND 80 PVC PRESSURE PIPE | Solvent Weld

Westlake Pipe & Fittings' Solvent Weld PVC Pipe product line is manufactured to meet the needs of residential, commercial, & industrial plumbing systems, and other pressure applications. With top quality raw materials and modern processing technology, our pipe meets all industry standards in addition to our own rigorous quality control standards.

SHORT FORM SPECIFICATION		
Pipe Standard:	ASTM D1785 Sch. 40 CSA B137.3, NSF 61	ASTM D1785 Sch. 80 CSA B137.3, NSF 61
Applications:	Water	Water
Diameter Std.:	Iron Pipe Size (IPS)	
Nominal Sizes:*	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 5", 6", 8", 10", 12", 14", 16", 18"	
Pressure Ratings:	See Next Page	
Length:	10' or 20'	
Color:	White	Gray
Pipe Compound:	ASTM D1784 Cell Class 12454	
Pipe Joint Std.:	CSA B137.3	
Pipe Options:	Solid Wall Bell End (M x F), Plain End	
Certifications:	NSF 14** & NSF 61 CSA B137.3	
Installation Std.:	CSA B137.3 (Annex A)	

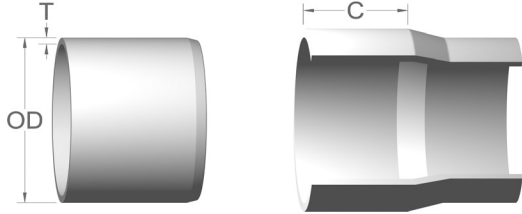
*All trade sizes are not available in all locations, check availability when ordering.

**Check NSF 14 status for products prior to ordering.



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Notes:

1. These dimensions are for estimating purposes only. All dimensions are in inches unless otherwise specified.
2. Pressure Rating @ 73°F and includes 2:1 safety factor.
3. Internal diameter calculated using nominal outside diameter and minimum wall thickness.

SCHEDULE 40 AND 80 DIMENSIONS & PERFORMANCE

Nominal Size	Outside Diameter (OD)	Class	Pressure Rating (psi)	Min. Wall Thickness (T1)	Internal Diameter (ID)	Min. Bell Depth (C)
1/2"	0.840	Sch. 40	600	0.109	0.622	1.0
		Sch. 80	850	0.147	0.546	
3/4"	1.050	Sch. 40	480	0.113	0.824	1.125
		Sch. 80	690	0.154	0.742	
1"	1.315	Sch. 40	450	0.133	1.049	1.125
		Sch. 80	630	0.179	0.957	
1 1/4"	1.660	Sch. 40	370	0.140	1.380	1.250
		Sch. 80	520	0.191	1.278	
1 1/2"	1.900	Sch. 40	330	0.145	1.610	1.375
		Sch. 80	470	0.200	1.500	
2"	2.375	Sch. 40	280	0.154	2.067	1.5
		Sch. 80	400	0.218	1.939	
2 1/2"	2.875	Sch. 40	300	0.203	2.469	1.750
		Sch. 80	420	0.276	2.323	
3"	3.500	Sch. 40	260	0.216	3.068	1.875
		Sch. 80	370	0.300	2.900	
4"	4.500	Sch. 40	220	0.237	4.026	2.250
		Sch. 80	320	0.337	3.826	
5"	5.563	Sch. 40	190	0.258	5.047	2.625
		Sch. 80	290	0.375	4.813	
6"	6.625	Sch. 40	180	0.280	6.065	3.000
		Sch. 80	280	0.432	5.761	
8"	8.625	Sch. 40	160	0.322	7.981	4.000
		Sch. 80	250	0.500	7.625	
10"	10.750	Sch. 40	140	0.365	10.020	4.250
		Sch. 80	230	0.593	9.564	
12"	12.750	Sch. 40	130	0.406	11.938	4.500
		Sch. 80	230	0.687	11.376	
14"	14.000	Sch. 40	130	0.437	13.126	7.000
16"	16.000	Sch. 40	130	0.500	15.000	9.500
18"	18.000	Sch. 40	130	0.562	16.876	11.5