

# CertainTeed

## PVC Sewer and Drain Pipe

CertainTeed PVC Sewer and Drain Pipe is performance proven for a broad range of applications, and is available in a size and joining system to suit virtually all of your requirements for non-pressure drainage of sewage and surface water. CertainTeed piping products conform to American Society for Testing and Materials (ASTM) standards, as applicable and as shown below. International Association of Plumbing and Mechanical Officials – Uniform Plumbing Code (IAPMO-UPC) listings are also shown in the tables below.

### The PVC Advantage

PVC is lightweight, easy to handle and flexible, and offers excellent corrosion and chemical resistance. In addition, the smooth interior surface of PVC pipe provides exceptional flow characteristics. Polyvinyl chloride (PVC) Sewer and Drain Pipe provides a conduit for drainage of sewage, surface water and industrial waste outside the building limits where toughness, dimensional stability, resistance to aging and strong tight joints are required. **WARNING: Do not use or test PVC pipe with compressed air or gas (except as noted for gravity sewer lines in ASTM F1417), as the sudden release of stored energy can result in a catastrophic failure.**

### PVC SEWER & DRAIN PIPE – Non-IAPMO

Applications include building sewers and underground drains, storm drainage, leaching systems, footing drains, industrial waste disposal and land drainage. These products meet ASTM D2729 performance standards and are targeted at the competitive market requiring relatively thin wall pipe.

#### ASTM D2729 (Performance) - Sewer Non-IAPMO

Size	O.D	Min. Wall Thk.	Approx. Weight	Feet Per Lift	Overall Length	Solvent Weld Joint (White)	
						Solid Sewer Part Number	Perforated Sewer* Part Number
3"	3.250	0.069	0.478	1170	10'	002313	002276
4"	4.215	0.073	0.660	700	10'	002702	002597
6"	6.275	0.093	1.266	330	10'	003303	003181

*\*Perforations are 1/2" holes on 5" centers with two rows parallel to the axis of the pipe and 120° apart.*

### PVC SEWER PIPE - ASTM D3034 – IAPMO LISTED (UPC)

These products are intended for use in public and municipal gravity sewer systems and sewer force mains, and are extruded with a heavier wall than D2729 pipe.

#### Features and Benefits

**Integrity** - Is built into PVC piping systems. PVC gravity sewer pipe is not affected by sewer gases or acids created as products of the hydrogen sulfide cycle, nor is it affected by external attack from aggressive "hot" soil conditions. PVC pipe offers long lengths and joints that are virtually root-proof and leakproof, yet are flexible enough to conform to shifts and settling caused by unstable soil or traffic conditions.

**Easy Field Cutting** - PVC can be cut with a common handsaw and beveled using an ordinary rasp. This makes fitting placement, including house connections, extremely accurate and easy.

**A Lightweight Product** - Simplifies handling, stringing and joining pipe. Lightweight PVC can be handled and installed by fewer workers. No heavy lifting equipment is required.

## Installation and Testing

While only the engineer may specify and approve installation and testing procedures, CertainTeed recommends adherence to ASTM D2321, "Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications" and ASTM F1417, "Standard Test Method for Installation Acceptance of Plastic Gravity Sewer Lines Using Low Pressure Air."

### ASTM D3034 - SDR 35 - Sewer IAPMO Listed (Solid Only)

Size	O.D.	Min. Wall Thick.	Length	Solvent Weld Joint (White)				Gasketed Joint (Green)		
				Approx. Weight	Feet Per Lift	Solid Sewer Part Number	Perforated Sewer* Part Number	Approx. Weight	Feet Per Lift	Solid Sewer Part Number
4"	4.215	0.120	10'	1.057	700	063093	063147			
4"	4.215	0.120	14'					1.104	840	063031
4"	4.215	0.120	20'	1.057	1400	063109	063154	1.104	1200	002580
6"	6.275	0.180	10'	2.349	330	063116	063161	2.385	455	006731
6"	6.275	0.180	14'					2.385	490	063086
6"	6.275	0.180	20'	2.349	330	063123	063178	2.385	700	003143
8"	8.400	0.240	14'					4.142	252	063048
8"	8.400	0.240	20'	3.991	280	063130		4.142	360	006601
10"	10.500	0.300	14'					6.200	168	063055
10"	10.500	0.300	20'					6.200	240	006649
12"	12.500	0.360	14'					8.800	112	063062
12"	12.500	0.360	20'					8.800	160	006663
15"	15.300	0.437	14'					13.441	42	063079
15"	15.300	0.437	20'					13.441	60	006687

\*Perforations are 1/2" holes on 5" centers with two rows parallel to the axis of the pipe and 120° apart.

Lengths:

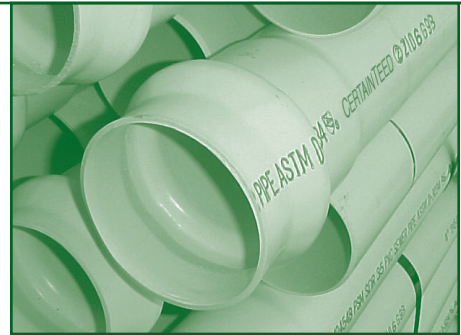
- Solvent Weld Joints - lengths shown are overall lengths
- Gasketed Joints - lengths shown are laying lengths

## General Notes

- Dimensions in all tables are in inches. Weights are shown in lbs./ft.
- All dimensions and weights are subject to normal manufacturing tolerances.

### For more information contact:

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