


CertainTeed

PVC Gravity Sewer Pipe

For Sewer Systems – ASTM D3034

4" – 15" sizes in 14' & 20' lengths • SDR35, SDR26

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- Corrosion and chemical resistant
 - High abrasion resistance
 - Lightweight and easy to handle and assemble
 - Improved hydraulics
 - Easy to maintain and test
 - Flexible and high-impact strength
 - Holds grade thanks to superior stiffness of PVC
 - Watertight joints
 - Conforms to ASTM D3034

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Size	SDR	O.D.	Min. Wall Thickness	Laying Length	Weight lbs/ft	Feet per Fastpak	Fastpak per Truckload	Feet per Truckload	Lbs per Truckload	Part #
4"	SDR35	4.215	0.120	14'	1.03	798	24	19,152	19,716	002113
				20'	1.03	1,140	16	18,240	18,777	000348
	SDR26	4.215	0.162	14'	1.36	798	24	19,152	26,018	002052
				20'	1.36	1,140	16	18,240	24,779	002120
6"	SDR35	6.275	0.180	14'	2.29	448/560	12/6	8,736	19,979	002007
				20'	2.29	640/800	8/4	8,320	19,028	000362
	SDR26	6.275	0.241	14'	3.00	448/560	12/6	8,736	26,214	002069
				20'	3.00	640/800	8/4	8,320	24,966	002137
8"	SDR35	8.400	0.240	14'	4.05	336/168	12/6	5,040	20,425	002014
				20'	4.05	480/240	8/4	4,800	19,452	000386
	SDR26	8.400	0.323	14'	5.38	336/168	12/6	5,040	27,114	002076
				20'	5.38	480/240	8/4	4,800	25,823	002144
10"	SDR35	10.500	0.300	14'	6.35	168/210	9/9	3,402	21,614	002021
				20'	6.35	240/300	6/6	3,240	20,585	000409
	SDR26	10.500	0.404	14'	8.42	168/210	9/9	3,402	28,629	002182
				20'	8.42	240/300	6/6	3,240	27,266	002151
12"	SDR35	12.500	0.360	14'	9.05	168/56	12/6	2,352	21,284	002038
				20'	9.05	240/80	8/4	2,240	20,270	000423
	SDR26	12.500	0.481	14'	11.91	168/56	12/6	2,352	28,009	002090
				20'	11.91	240/80	8/4	2,240	26,675	002168
15"	SDR35	15.300	0.437	14'	13.39	84	18	1,512	20,247	002045
				20'	13.39	12	120	1,440	19,283	000454
	SDR26	15.300	0.588	14'	17.76	84	18	1,512	26,850	002106
				20'	17.76	12	120	1,440	25,571	002175

All dimensions are in inches and are subject to normal manufacturing tolerances.

For sizes 4"-12", pipe curvature should be accomplished through bending of the pipe barrel, as no deflection is allowed at the joint. Attempting to curve the pipe barrel on sizes 12" and above may be extremely difficult. If the pipe barrel on these larger sizes cannot be curved, joints may be deflected to a maximum of 1.5 degrees.

Short Form Engineering Specification – PVC Gravity Sewer Pipe

1.0 Scope

This specification covers Polyvinyl Chloride Gravity Sewer Pipe, 4"-15". Pipe is intended for use in gravity sewer systems.

2.0 Reference Documents

ASTM International

- ASTM D 1784 Standard Specification for Rigid PVC Compounds and Chlorinated PVC Compounds
- ASTM D 3034 Standard Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings
- ASTM D 3212 Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals
- ASTM F 477 Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe

3.0 Requirements

3.1 General

Products delivered under this specification shall meet the requirements of ASTM D 3034.

3.2 Materials

Pipe shall be made from unplasticized PVC compounds having a cell classification of 12454 or 12364 as defined in ASTM D 1784.

3.3 Dimensions

Nominal outside diameters and wall thicknesses shall conform to the requirements of ASTM D 3034. Integral bell joint pipe shall be furnished 4", 6", 8" 10", 12" and 15" sizes, in SDR35 and SDR26. Pipe shall be furnished in standard lengths of 14 feet and 20 feet. Dimensions of the pipe are shown above.

3.4 Joints

Pipe shall incorporate an integral bell joint with a single rubber gasket conforming to ASTM F477. Pipe joint shall meet ASTM D 3212.

3.5 Color

Green.

3.6 Workmanship

Pipe shall be homogeneous throughout and free from voids, cracks, inclusions and other defects, and shall be as uniform as commercially practicable in color, density and other physical characteristics.

3.7 Quality Control

Pipe shall be tested for dimensional compliance, flattening and pipe stiffness, impact resistance and extrusion quality in accordance with the requirements of ASTM D 3034.

3.8 Installation

Underground pipe shall be installed in accordance with ASTM D 2321.

3.9 Marking

Pipe shall be legibly and permanently marked in ink with the following minimum information

- Manufacturer's name or trademark and production code
- Nominal size (for example, 4")
- PVC Cell classification (for example, 12454)
- The legend "SDR-26 PVC Sewer Pipe" or "SDR-35 PVC Sewer Pipe"
- "ASTM D 3034"

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