

CertainTeed

PVC Gravity Sewer Pipe

For Sewer Systems – ASTM D3034

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



- 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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Quality made certain. Satisfaction guaranteed.

PVC Gravity Sewer Pipe

| 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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