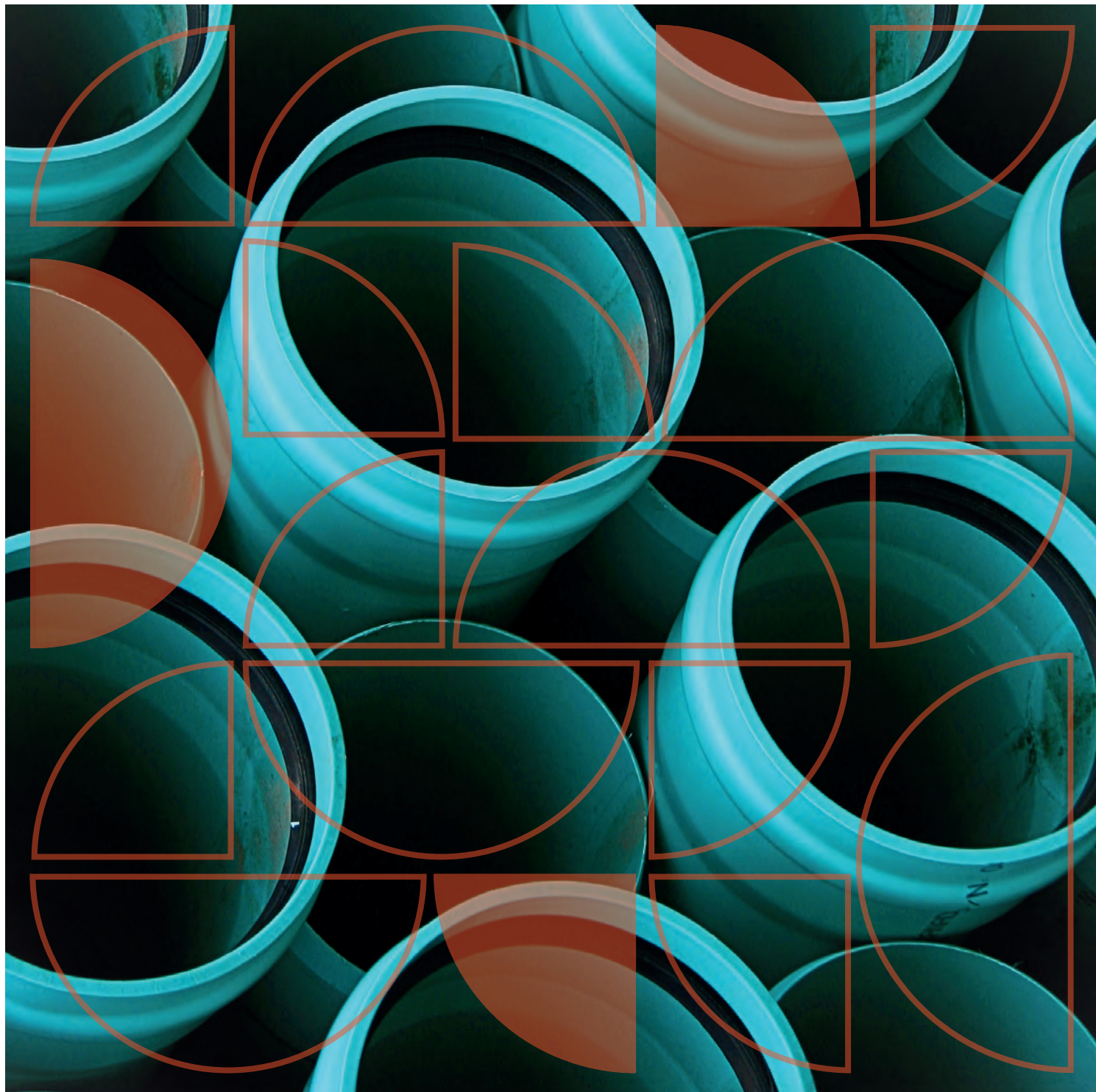


TDR[®]PVC

SEWER SERIES



TDR Sewer Series PVC pipe is engineered for gravity sewer and non-pressure drainage applications. Designed to meet the stringent requirements of ASTM D3034, TDR Sewer Series is available in a comprehensive range of sizes from 4 inches through 18 inches with standard lengths of 14 feet and 20 feet to accommodate various system requirements.

SCOPE

This specification establishes the requirements for 4" through 18"

TDR PVC[®] Sewer Series pipe and fittings suitable for:

- Gravity sewer systems (non-pressure application)
- Surface water and drainage applications
- Industrial waste disposal (where chemically compatible)

PIPE

TDR PVC[®] Sewer Series incorporates advanced engineering and materials for superior performance in gravity sewer applications.

Pipe Configuration:

- Available in two SDR ratings: SDR 26 (higher stiffness) and SDR 35 (standard)
- Engineered for non-pressure gravity sewer service
- Gasketed bell-end design for secure, watertight connections
- Standard lengths: 14 feet and 20 feet sections

Gasket System:

- Rieber gasket technology for reliable joint sealing
- Elastomeric gaskets meet ASTM F477 specifications
- Factory-installed gaskets for simplified field assembly

APPLICATIONS

TDR PVC[®] Sewer Series is suitable for the following applications:

- Gravity Sewer Systems – Municipal and residential gravity sewer collection systems for sewage conveyance
- Non-Pressure Surface Water Drainage – Storm water collection, surface water management, and drainage systems
- Industrial Waste Disposal* – Industrial and commercial wastewater applications (where chemical compatibility with PVC exists)

* Consult TDR for compatibility with specific wastewater chemistries.

STANDARDS

Pipe and Fittings:

- SDR 35: ASTM D3034 – Standard Specification for Type PSM (Polyvinyl Chloride)

Sewer Pipe and Fittings Based on Outside Diameter (Pipe Stiffness 46 psi)

- SDR 26: ASTM D3034 – Type PSM (Pipe Stiffness 115 psi, higher strength rating)

Material Specifications:

- PVC Compound: Cell Classification 12454 per ASTM D1784 – Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compound and Chlorinated Poly (Vinyl Chloride) (CPVC) Compound

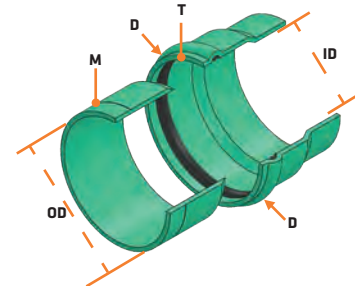
Gasket & Assembly:

- Gasket Material: ASTM F477 – Standard Specification for Elastomeric Seals (Gaskets) for Joining Concrete Pipe and Structures
- Installation: ASTM D2321 – Standard Practice for Underground Installation of Thermoplastic Pipe for Storm Drains and Sanitary Sewers

SUBMITTAL & DATA SHEET

ASTM D3034 TYPE PSM						
Pipe Size (in)	Average O.D. (in)	Nominal I.D. (in)	Min. Wall Thickness (in)	Average C (in)	Bell O.D. (in)	Weight (lbs/ft)
SDR 35						
Pipe Stiffness: 46 psi						
4"	4.215	3.975	0.120	3.75	4.695	1.05
6"	6.275	5.915	0.180	2.37	6.995	2.36
8"	8.40	7.920	0.240	5.00	9.360	4.24
10"	10.50	9.90	0.300	6.25	11.700	6.64
12"	12.50	11.780	0.360	6.50	13.940	9.50
15"	15.30	14.426	0.437	7.50	17.048	14.19
18"	18.701	17.703	0.499	7.370	20.85	21.43
SDR 26						
Pipe Stiffness: 115 psi						
4"	4.215	3.891	0.162	3.75	4.863	1.40
6"	6.275	5.793	0.241	2.37	7.239	3.11
8"	8.40	7.754	0.323	5.00	9.692	5.63
10"	10.50	9.692	0.404	6.25	12.116	8.84
12"	12.50	11.538	0.481	6.50	14.424	12.56
15"	15.30	14.124	0.588	7.50	17.652	18.90
18"	18.701	17.359	0.671	7.37	21.581	28.49

Note: Values provided for reference purposes only. Contact a technical representative for additional information.



OD: Outside diameter
ID: Inside diameter
T: Minimum wall thickness
D: Bell outside diameter
M: Distance between assembly mark & the end of the spigot.