Municipal

PRODUCT SPECIFICATION

GASKETED SDR 35 SEWER FITTINGS

G-Series

INJECTION MOLDED IN SIZES 4" – 12"
FABRICATED IN SIZES 15" – 36"

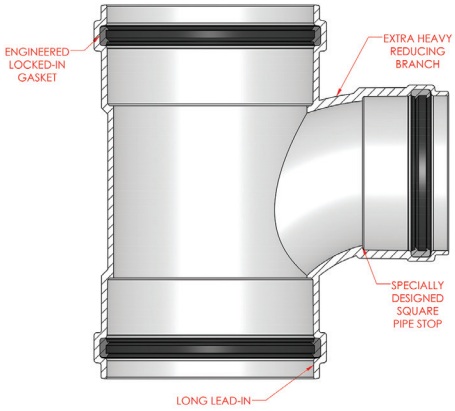
Our SDR35 gasketed sewer fittings are designed for maximum performance in the most demanding environments along with ease of installation. Heavy duty reducing branches utilizing a minimum of SDR18 wall thickness are used in injection molded 8", 10" and 12" tees, wyes, and tee-wyes to reinforce the strength of important branch intersections. A robust, high performance gasket protects the system by preventing infiltration and ex-filtration.

Special features are incorporated to facilitate assembly; an extended pre-alignment lead in which aids in the proper placement of pipe and fittings, and our square pipe stop which resists pipe push-through from over insertion.

Our backwater valves are designed to be integrated with this series.

DESIGN ADVANTAGES

- Reinforced wall thickness at key branch intersections to SDR18 for added protection from stress and breakage. Injection molded joint withstands 50 psi hydrostatic pressure and 22" mercury vacuum pressure
- Integrated engineered gasket and a one-piece bell for maximum system performance
- Specially-designed square pipe stop prevents damage from over insertion, requires 30% more force before spearing
- Pre-alignment lead in allows an easy and timely installation
- Triple Certification Listing



APPLICATIONS

- Non-pressure drainage of sewer and surface water.

TYPICAL USES

Lateral Connections to Municipal Sewers
- Sanitary
- Storm

Surface Drainage
- Area drainage
- Parking lot drainage

SHORT TERM SPECIFICATIONS

Injection Molded Fittings:

Sizes 4" through 12" injection molded gasketed SDR 35 sewer fittings shall be manufactured in accordance with ASTM D3034, ASTM F1336, and CSA B182.2. They shall be injection molded from virgin PVC compound having a cell classification of 12454 or 13343 in accordance with, and certified by the National Sanitation Foundation (NSF), to meet ASTM D1784.

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Fabricated Fittings:
Our fabricated fittings are manufactured from ASTM D3034 PVC SDR35 Sewer Pipe. Fabricated fittings are available up to 36" in diameter. They are third-party certified to CSA B182.2 and meet the requirements of ASTM D3034 and F1336.

Gaskets:
Gaskets shall be manufactured in accordance with ASTM F477 or ASTM F913. Gaskets shall be firmly seated in fitting in order to ensure proper installation and to prevent dislocation or misalignment during system assembly. Gasket joints must comply with ASTM D3212 Internal Pressure Test (exfiltration) and Vacuum Test (infiltration) at 5 degrees of gasket joint deflection.

CERTIFICATION

Our Gasketed SDR 35 sewer fittings shall be certified by the National Sanitation Foundation (NSF) and, in applicable configurations, by the International Association of Plumbing and Municipal Officials (IAPMO) to meet ASTM D3034, and by the Canadian Standards Association (CSA) to meet CSA B182.2.

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