

## PRODUCT SPECIFICATION

# GASKETED SDR 26 SEWER FITTINGS

## H-Series

INJECTION MOLDED IN SIZES 4" – 12"

FABRICATED IN SIZES 15" – 36"

SDR26 extra heavy duty gasketed sewer fittings are designed for maximum performance in the toughest environments with a reinforced wall that is 34.5% thicker than SDR35, and a superior, high impact, gasket retention ring. Heavy duty reducing branches utilizing a minimum of SDR18 wall thickness are used in our injection molded 8", 10" and 12" tees, wyes, and tee-wyes to reinforce the strength of important branch intersections.

The gasket and shock absorbing properties of the gasket retention ring combine to reduce the effect of impact on 4" to 8" sizes for a more resilient system. A special collar design permanently locks the gasket onto the fitting ensuring a secure fit and a robust seal that prevents infiltration and ex-filtration. To make it easy to identify in the field, the collar and ring are a distinctive green color. A deep lead into the gasket enhances assembly and reduces the possibility of gasket damage or rolling, and our square pipe stop resists pipe push through from over insertion.

Our vertical riser system utilizes many H-Series components for a complete sewer protection solution.

### DESIGN ADVANTAGES

- Heavy duty, shock-absorbing collar designed to permanently lock the gasket onto the fitting, and inhibit fittings breaking under impact
- Specially-designed square pipe stop prevents damage from over insertion, requires 30% more force before spearing
- Reinforced wall thickness at key branch intersections for added strength. Injection molded joint withstands 200 psi hydrostatic pressure and 22" mercury vacuum pressure
- Distinctive green high impact retention rings and gaskets for easy identification in the field

### APPLICATIONS

- Non-pressure drainage of sewer and surface water wherever extra heavy SDR26 is specified.

### TYPICAL USES

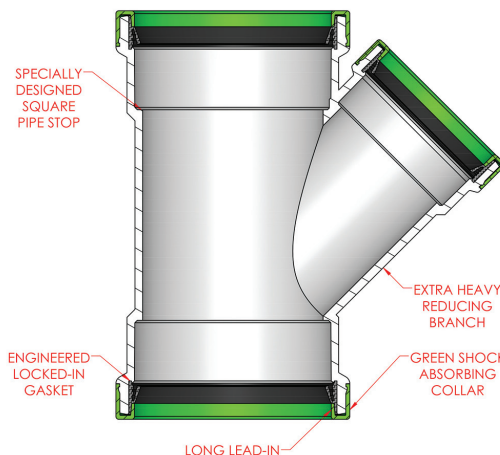
Lateral Connections to Municipal Sewers

- Sanitary
- Storm

Surface Drainage

- Area drainage
- Parking lot drainage

The H-Series fitting line is a fully-integrated SDR26 fitting design using reinforced branches and intersections to enhance the structural integrity of the installation and provide longlasting performance.



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**SHORT TERM SPECIFICATIONS**

4" through 12" injection molded gasketed SDR26 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. 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 (ex-filtration) and Vacuum Test (infiltration) at 5 degrees of gasket joint deflection certified at 200 psi and a 22" mercury vacuum pressure.

Where available, reducing branches on injection molded 8", 10" and 12" tees, wyes, and tee-yses shall be minimum SDR18 wall thickness in the reducing branch body and reducing branch hub below the gasket race.

Gasketed SDR26 sewer fittings shall be certified by the National Sanitation Foundation (NSF) and, in applicable configurations, to meet ASTM D3034, and by the Canadian Standards Association (CSA) to meet CSA B182.2.

**CERTIFICATION**

Our Gasketed SDR26 Molded Sewer fittings are third party tested and listed by NSF and CSA to meet specifications defined in ASTM D3034, F1336 and CSA B182.2, where applicable.

