

SOLVENT WELD SEWER FITTINGS



SIZES

Injection Molded
3" – 8"

Fabricated Molded
8" – 15"

Multi Fittings offers a wide variety of molded sewer fittings 3" in diameter and larger. Solvent welded fittings are typically installed in sanitary and drainage systems. Injection-molded fittings are available in 3" to 8". Fabricated SDR35 solvent weld sewer fittings are available in 8" to 15".

Solvent Weld vs. Gasketed Joints

Solvent welding is a process by which a joint is made by chemically fusing together a pipe and a fitting. A solvent is applied to the surface of a PVC pipe spigot and the inside of a matching bell. In some cases a primer may be used to prepare the surfaces. The solvent dissolves some of the chemical bonds in the PVC material, effectively "melting" the material. Once the two surfaces are pushed together the material from the two surfaces begins to fuse together. As the joint cures the solvent evaporates and the joint becomes stronger, until it essentially becomes a continuous pipe.

Solvent welded joints are able to resist large tensile loads and will not pull apart. In fact, it can be shown that the pipe itself will fail before the joint will.

Available Configurations

Multi Fittings has one of the largest offerings of molded sewer fittings 3" and larger. For a complete list and for engineering lay lengths, please visit www.multifittings.com. Solvent cemented joints shall be assembled as shown in the Multi Fittings Installation Guide.

FEATURES & BENEFITS

Leak-Proof Joints

Properly installed SDR35 solvent weld sewer fittings provide leak-proof joints. This eliminates underground water infiltration and exfiltration. The results: substantial savings in sewage treatment costs for municipalities.

Superior Chemical Resistance

The chemical resistance of SDR35 sewer fittings is exceptional. Acids, alkalies and normally diluted hydrocarbons have little or no effect. Aggressive soil conditions due to sulfates, carbonates, industrial effluents and acid rain are easily handled by SDR35 solvent weld sewer fittings.

Super Abrasion Resistance

SDR35 solvent weld sewer fittings are highly resistant to abrasion, making them ideal for transporting abrasive effluent, even in high velocity storm sewer systems.

Applicable Standards

ASTM D2665 (6" & 8")
NSF 14 (6" & 8")
CSA B181.2 (6" & 8")
IAPMO File 2431 (3" & 4")

MULTI FITTINGS

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