

Gasketed PS46 and PS115 Sewer Pipe

Technical Specifications for 30" & 36"

F679

Sewer Specification Data

Royal Municipal Solutions Gasketed Sewer Pipe shall be manufactured with nominal sizes of 30" and 36" to CIOD dimensions. Pipe Stiffness of 46 psi and 115 psi meet the requirements of ASTM F679 and are certified to NSF-14.

The PVC material used in our pipe meets the physical properties of PVC cell class 12364 as specified in ASTM D1784.

Elastomeric gasketed joints made for pipe meet or exceed the requirements of ASTM D3212, with internal hydrostatic pressure tested to 10.8 psi. The steel-reinforced Double Seal Locked-In Rieber gaskets conform to the requirements of ASTM F477.

Pipe Markings are as specified in ASTM F679 and NSF-14.



Physical Properties of Cell Class 12364

Materials:

Pipe shall be made of PVC plastic having a cell classification of 12364 as defined in ASTM D1784.

Property:	ASTM Test	Minimum
Tensile Strength, psi	D638	6,000
Tensile Modulus, psi	D638	440,000
IZOD Impact Strength	D256	.65ft-lbf/in.
Deflection Temperature	D648	158°F



Standard lay length is 14 feet



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Gaskets

The pipe utilizes a Double Seal Locked-In Rieber gasket system (DSL) design which meets the requirements of ASTM D3212, *Standard Specifications for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals*.

The gaskets are reinforced with a steel band and conform to the requirements of ASTM F477: *Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*.



Nominal Pipe Size Inches	Avg Outside Diameter Inches	Min Wall Thickness PS46 Inches	Min Wall Thickness PS115 Inches	Average Bell Depth Inches	Insert Mark Line Inches
30	32.000	0.853	1.148	14.775	14.025
36	38.300	1.021	1.373	15.825	15.075

SHORT FORM Specifications for Gasketed PS46 and PS115 Sewer Pipe

Royal Municipal Solutions Gasketed Sewer Pipe shall be manufactured with nominal sizes of 30" and 36" to CIOD dimensions. Pipe Stiffness 46 psi and 115 psi shall meet the requirements of ASTM F679, Type PSM Polyvinyl Chloride (PVC) Sewer Pipe and Fittings and be certified to NSF-14.