

D3034 & F679 SEWER SPECIFICATION DATA

Diamond gravity sewer pipe 4 inches through 60 inches shall be made of compounds conforming to material requirements of ASTM D3034 and ASTM F679 in accordance with ASTM D1784. Diamond PVC Sewer Pipe meets all the dimensional, chemical, and physical requirements as outlined in ASTM D3034 and ASTM F679. A listing to CSA B182.2 is available for most of these sizes. A complete listing by manufacturing plant is available upon request.

The pipe sizes 4 inches through 60 inches are made with an integral bell “water-tight” joint that meets the requirements of ASTM D3212 and that utilizes a Rieber gasket system for sealing that meets the requirements of ASTM F477.

Each male end shall be beveled to facilitate joining and referencing marked for proper insertion depth. Diamond furnished lubricant is to be used in the joining process.

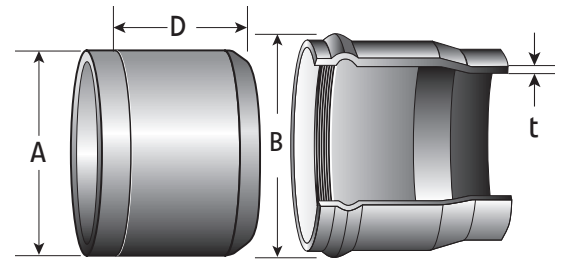
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PHYSICAL PROPERTIES OF ASTM D3034 & F679

Property	ASTM TEST	Minimum 12454/12364
PIPE MATERIALS: PIPE SHALL BE MADE OF PVC PLASTIC HAVING A MINIMUM CELL CLASSIFICATION OF 12454 OR 12364 AS DEFINED IN SPECIFICATION D1784.		
Specific Gravity	D792	1.40/1.40
Tensile Strength, psi	D638	7,000/6,000
Tensile Modulus, psi	D638	400,000/500,000
IZOD Impact Strength,	D256	.65ft., lb./in.

SHORT FORM Specification for Diamond PVC Solid-Wall Sewer Pipe SDR 26 or SDR 35 or PS 46 or PS 115
All PVC Solid-Wall Sewer Pipe shall be made of compounds conforming to ASTM D1784 manufactured in accordance with the material requirements of ASTM D3034 or ASTM F679. All PVC Sewer Pipe must meet dimensional, chemical, and physical requirements as outlined in ASTM D3034 or ASTM F679. Joints shall meet the requirements of ASTM D3212 and shall be formed using Rieber Technology. PVC Sewer Pipe shall be installed according to the requirements of ASTM D2321, Uni-Bell's Uni-Pub 6 and the manufacturer's recommendations.

RIEBER JOINT ILLUSTRATION



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PVC SEWER PIPE LOADING DATA

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LOADING ASTM D3034 & F679 LOADING CHART (SDR26 / PS115)

Nominal Pipe Size in. (mm)	Outside Diameter Inches	Min. Wall Inches	Bundle Quantity	*Feet Per Truckload	
				14'	22'
SDR26/PS115					
4" (100)	4.215	.162	69	23,184	24,288
6" (150)	6.275	.241	24/32	10,080	11,264
8" (200)	8.400	.323	18/24	5544/6048	5808/6336
10" (250)	10.500	.404	12/15	3402	3564
12" (300)	12.500	.481	16	2688	2816
15" (375)	15.300	.588	6	1512	1584
18" (450)	18.701	.671	2/3/4/6	1050	
21" (525)	22.047	.791	4	672	
24" (600)	24.803	.889	4	672	
27" (675)	27.953	1.002	3	378	
30" (750)	32.000	1.148	3	378/252	
36" (900)	38.300	1.373	2	168	
42" (1050)	44.500	1.596	2	168	
48" (1200)	50.800	1.954	1	84	
54" (1350)	57.560	2.064	1	42	
60" (1500)	61.610	2.210	1	42	

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