SANI-21™ **PVC SEWER PIPE SPECIFICATION DATA**

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 "watertight" joint that meets the requirements of ASTM D3212 and that utilizes a Rieber gasket system for sealing that meets the requirements of ASTM F477.

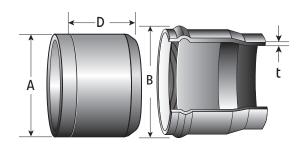
Each male end shall be beveled to facilitate joining and referencing marked for proper insertion depth. Diamond furnished lubricant is to be used in the joining process.

SANI-21TM 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 Plpe 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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D3034 & F679 SEWER SPECIFICATION DATA

Nominal Pipe Size in. (mm)	A Outside Diameter Inches	B Bell Socket Diameter Inches	D Insert Mark Inches ˙	t Min. Wall Thickness SDR26/PS115 Inches	t Min. Wall Thickness SDR35/PS46 Inches		
D-3034 PIPE DIMENSIONS							
4" (100)	4.215	5-1/4	4"	0.162	0.120		
6" (150)	6.275	7-1/2	4-1/8"	0.241	0.180		
8" (200)	8.400	9-7/8	4-7/8"	0.323	0.240		
10" (250)	10.500	12-3/8	5-1/4"	0.404	0.300		
12" (300)	12.500	14-5/8	5-1/2"	0.481	0.360		
15" (375)	15.300	18	4-5/8"	0.588	0.437		
F-679 PIPE DIMENSIONS							
18" (450)	18.701	21-3/4"	7-3/4"	0.671	0.499		
21" (525)	22.047	25-1/2"	8-1/2"	0.791	0.588		
24" (600)	24.803	28-3/4"	10"	0.889	0.661		
27" (675)	27.953	32-1/2"	11-1/8"	1.002	0.745		
30" ciod (750)	32.000	37-1/4"	13-5/8"	1.148	0.853		
36" ciod (900)	38.300	43-1/4"	13-7/8"	1.373	1.021		
42" ciod (1050)	44.500	53"	16-3/4"	1.596	1.187		
48" ciod (1200)	50.800	60"	16-7/8"	1.822	1.355		
54" ciod (1350)	57.560	67"	14"	2.064	1.535		
60" ciod (1500)	61.610	72"	18"	2.210	1.643		

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LOADING ASTM D3034 & F679 LOADING CHART (SDR35 / PS46)

Nominal Pipe Size	Outside Diameter Inches	Bundle	*Feet Per Truckload					
in. (mm)		Quantity	14′	20′				
SDR35/PS46								
4" (100)	4.215	69	23,184	24,288				
6" (150)	6.275	24/32	10,080	11,264				
8" (200)	8.400	18/24	5544/6048	5808/6336				
10" (250)	10.500	12/15	3402	3564				
12" (300)	12.500	16	2688	2816				
15" (375)	15.300	6	1512	1584				
18" (450)	18.701	2/3/4/6	1050	1100				
21" (525)	22.047	4	672	704				
24" (600)	24.803	4	504/672	704				
27" (675)	27.953	3	378					
30" (750)	32.000	3	378/252					
36" (900)	38.300	2	168					
42" (1050)	44.500	2	168					
48" (1200)	50.800	1	84					
54" (1350)	57.560	1	42					
60" (1500)	61.610	1	42					

 $Prices \ are \ subject \ to \ a \ firm \ policy \ of \ "Price \ in \ effect \ at \ time \ of \ shipment \ on \ regular \ purchases"$

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^{*}Tolerance of +/- 1/4" allowed