

PRO-21™ PVC PIPE

Diamond "PRO-21" closed profile pipe is produced by extruding an "I-beam" type profile that is in turn wrapped onto a circular mandrel providing a continuous tube with a helical heat welded seam. The result is a pipe of solid wall appearance from the inside and outside which has the structural advantages of the "honeycomb or I-beam" construction internal to the pipe wall itself. This results in a product which meets the performance requirements of a solid wall while providing the advantage of lighter weight. Diamond "PRO-21" meets all requirements of ASTM F1803.

Diamond's Closed Profile Pipe is made with PVC compounds that meet the requirements for cell class 12364 as described in ASTM D1784. Integral bell sockets meet the requirements of ASTM D3212. Pipe gaskets meet the requirements of ASTM F477.

PRO-21™

SPECIFICATION DATA FOR PS46 PRO-21 IS SUPPLIED IN 14 FOOT LAYING LENGTHS

Nominal Pipe Size in. (mm)	Average Outside Diameter Inches	Bell Outside Diameter Inches	Minimum Inside Diameter Inches
PIPE DIMENSIONS PRO -21 ASSEMBLY MARKS ARE AT 7" MINIMUM (ASSEMBLY MARK 1) AND 9" MAXIMUM (ASSEMBLY MARK 2)			
30" (750)	31.606	35"	29.410
33" (825)	35.036	38-1/2"	32.405
36" (900)	38.036	41-3/4"	35.395
42" (1050)	44.200	48-1/2"	41.375
48" (1200)	50.570	55"	47.360
54" (1350)	57.100	61-1/2"	53.350
60" (1500)	63.932	69-1/2"	59.340

SHORT FORM Specification for PVC Sewer Pipe. Pro-21 PVC Gravity Sewer and Drain Pipe Sizes 30" - 60"

All sanitary sewer and storm drain pipe shall be Diamond Plastics Pro-21 PVC profile wall sewer pipe made of compounds meeting the minimum cell classification of 12364 as defined in ASTM D1784 and manufactured in accordance with ASTM F 1803. It shall have a smooth interior and exterior. It shall have a gasket with four sealing fins and a resilient wedge level. The joint shall meet all the requirements of ASTM D3212. All PVC sewer pipe shall be installed in accordance with ASTM D2321, Uni-Bell's Uni-Pub 6 and the manufacturer's recommendations.

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F1803 LOADING CHART

Nominal Pipe Size in. (mm)	Average Outside Diameter	Pieces Per Bundle	14' Length Pieces Per Truckload	*Feet Per Truckload
30" (750)	31.606	3	27	378
33" (825)	35.036	2	12	168
36" (900)	38.036	2	12	168
42" (1050)	44.200	2	12	168
48" (1200)	50.570	1	12	168
54" (1350)	57.100	1	6	84
60" (1500)	63.932	1	3	42

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

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