

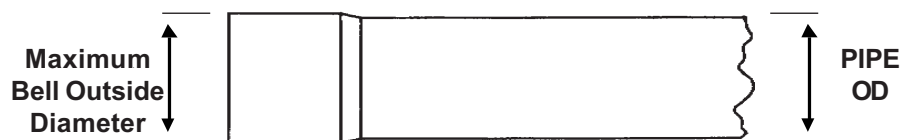
DESIGN

TB-D1

August 2005

Maximum Bell Outside Diameters

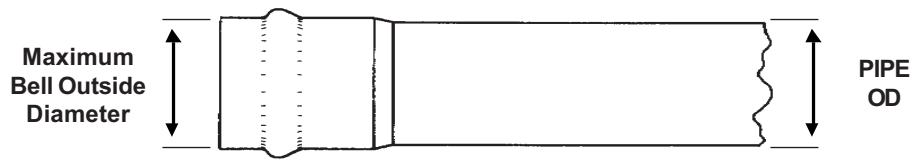
Solvent-Weld PVC Pipe



PVC Product	Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Maximum Bell Outside Diameter (inches)
ASAE S376.1 PIP	6	6.140	6 ³ / ₄
	8	8.160	8 ⁷ / ₈
	10	10.200	11
	12	12.240	13 ¹ / ₄
	15	15.300	16 ¹ / ₂
100 FT Head IP	18	18.360	19 ¹ / ₈
	20	20.400	21 ¹ / ₈
ASTM D 2241 *IPS	1/2	0.840	1 ³ / ₈
	3/4	1.050	1 ¹ / ₂
	1	1.315	1 ⁷ / ₈
	1 ¹ / ₄	1.660	2 ¹ / ₄
	1 ¹ / ₂	1.900	2 ¹ / ₂
	2	2.375	3
	2 ¹ / ₂	2.875	3 ⁵ / ₈
	3	3.500	4 ³ / ₈
	3 ¹ / ₂	4.000	4 ⁷ / ₈
	4	4.500	5 ¹ / ₂
	5	5.563	6 ⁵ / ₈
	6	6.625	7 ³ / ₄
8	8.625	9 ³ / ₄	
10	10.750	12 ¹ / ₈	
12	12.750	14 ³ / ₈	
ASTM D 3034 Sewer	3	3.250	3 ³ / ₄
	4	4.215	4 ³ / ₄
C-Duct	4	4.350	5

* "IPS" includes electrical conduit and utility duct in addition to IPS water pipe.

Gasketed PVC Pipe



PVC Product	Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Maximum Bell Outside Diameter (inches)
ASTM D 2241 IPS	2	2.375	3 ³ / ₈
	2 1/2	2.875	4 ¹ / ₈
	3	3.500	4 ⁷ / ₈
	4	4.500	6
	5	5.563	7 ¹ / ₄
	6	6.625	8 ¹ / ₂
	8	8.625	11
	10	10.750	13 ¹ / ₂
	12	12.750	15 ³ / ₄
AWWA C900 AWWA C909	4	4.800	6 ⁷ / ₈
	6	6.900	9 ¹ / ₂
	8	9.050	12 ¹ / ₈
	10	11.100	14 ⁷ / ₈
	12	13.200	17 ³ / ₈
AWWA C905 AWWA C909	14	15.300	19 ¹ / ₂
	16	17.400	21 ⁷ / ₈
	18	19.500	24 ³ / ₈
	20	21.600	26 ⁷ / ₈
	24	25.800	31 ¹ / ₈
ASTM D 3034 Sewer and Stormdrain	4	4.215	5 ¹ / ₈
	6	6.275	7 ¹ / ₂
	8	8.400	9 ³ / ₄
	10	10.500	12
	12	12.500	14 ¹ / ₂
	15	15.300	18 ¹ / ₄
ASTM F 679 Sewer and Stormdrain	18	18.701	22 ¹ / ₈
	21	22.047	26
	24	24.803	29
ASAE S376.1 PIP	6	6.140	7 ⁵ / ₈
	8	8.160	9 ⁷ / ₈
	10	10.200	12
	12	12.240	14 ³ / ₈
	15	15.300	19
	18	18.701	22 ¹ / ₄
	21	22.047	26 ¹ / ₄
24	24.803	29 ¹ / ₄	