

# Technical Bulletin 21

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## Sizes, Schedules, Wall Thickness, Outside & Inside Diameters for 1/8" Through 12" Commercial Pipe Per ASA-B36.10 & B36.19

Pipe Size	Outside Dia.	Wall Thickness & Inside Diameter							
		Std./40 ID	XS/80 ID	160 ID	XX ID	160 ID	XX ID	160 ID	XX ID
1/8	<b>0.405</b>	<b>0.068</b> 0.269	<b>0.095</b> 0.215	-	-	-	-	-	-
1/4	<b>0.540</b>	<b>0.088</b> 0.364	<b>0.119</b> 0.302	-	-	-	-	-	-
3/8	<b>0.675</b>	<b>0.091</b> 0.493	<b>0.126</b> 0.423	-	-	-	-	-	-
1/2	<b>0.840</b>	<b>0.109</b> 0.622	<b>0.147</b> 0.546	<b>0.188</b> 0.464	<b>0.294</b> 0.252				
3/4	<b>1.050</b>	<b>0.113</b> 0.824	<b>0.154</b> 0.742	<b>0.219</b> 0.612	<b>0.308</b> 0.434				
1	<b>1.315</b>	<b>0.133</b> 1.049	<b>0.179</b> 0.957	<b>0.250</b> 0.815	<b>0.358</b> 0.599				
1-1/4	<b>1.660</b>	<b>0.140</b> 1.380	<b>0.191</b> 1.278	<b>0.250</b> 1.160	<b>0.382</b> 0.896				
1-1/2	<b>1.900</b>	<b>0.145</b> 1.610	<b>0.200</b> 1.500	<b>0.281</b> 1.338	<b>0.400</b> 1.100				
2	<b>2.375</b>	<b>0.154</b> 2.067	<b>0.218</b> 1.939	<b>0.344</b> 1.687	<b>0.436</b> 1.503				
2-1/2	<b>2.875</b>	<b>0.203</b> 2.469	<b>0.276</b> 2.323	<b>0.375</b> 2.125	<b>0.552</b> 1.771				
3	<b>3.500</b>	<b>0.216</b> 3.068	<b>0.300</b> 2.900	<b>0.437</b> 2.625	<b>0.600</b> 2.300				
3-1/2	<b>4.000</b>	<b>0.226</b> 3.548	<b>0.318</b> 3.364	-	-	-	-	-	-
4	<b>4.500</b>	<b>0.237</b> 4.026	<b>0.337</b> 3.826	<b>0.531</b> 3.438	<b>0.674</b> 3.152				
5	<b>5.563</b>	<b>0.258</b> 5.047	<b>0.375</b> 4.813	<b>0.625</b> 4.313	<b>0.750</b> 4.063				
6	<b>6.625</b>	<b>0.280</b> 6.065	<b>0.432</b> 5.761	<b>0.719</b> 5.187	<b>0.864</b> 4.897				
8	<b>8.625</b>	<b>0.322</b> 7.981	<b>0.500</b> 7.625	<b>0.906</b> 6.813	<b>0.875</b> 6.875				
10	<b>10.750</b>	<b>0.365</b> 10.020	<b>0.500</b> 9.750 <b>0.594</b> 9.562	<b>1.125</b> 8.500	<b>1.000</b> 8.750				
12	<b>12.750</b>	<b>0.375</b> 12.000 <b>0.406</b> 11.938	<b>0.500</b> 11.750 <b>0.688</b> 11.375	<b>1.312</b> 10.125	<b>1.000</b> 10.750				

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