

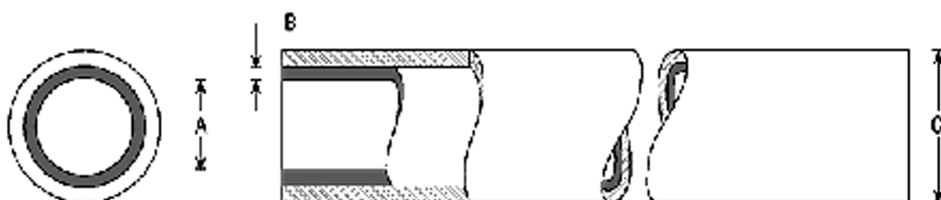
# Plastic-Lined Pipe Dimensions & Liner Thickness

## Resistoflex plastic-lined pipe

Resistoflex plastic-lined pipe is made to NPS outside diameters. Standard 10" and 20" pipe lengths are available for liners of PP (1" - 12" dia.), PVDF (1" - 8" dia.), and PTFE (1" - 12" dia.). Forty-foot pipe lengths are available for PP and PVDF liners (1-1/2" - 6" dia.). A tolerance of  $\pm 1/8$ " is maintained on standard and custom pipe lengths.

Carbon steel housings are available for all plastic liners. Pipe with a PTFE liner is also available with Schedule 40 304L stainless steel (316L stainless steel is available upon request). A tolerance of  $\pm 1/8$ " is maintained on all custom pipe lengths.

**Figure 3: Plastic-lined pipe**



Dimensional Data, plastic-lined pipe (All dimensions are nominal and in inches)									
Pipe Size	Liner Thickness B			Lined Pipe O.D. C	Approx. wt/ft (lbs) w/o flange	Minimum length available for swaged pipe			Min. length available for Thermalok Pipe
	PP, PVDF	Swaged Pipe	Thermalok PTFE			Factory		Field <sup>2</sup>	
						Standard	Special		
1	0.150	0.130	0.130	1.315	2.1	4	2 7/16	7	3
1.5	0.160	0.130	0.150	1.900	3.4	4	2 11/16	7	3 3/8
2	0.172	0.130	0.160	2.375	4.6	4 1/2	3 1/16	7	3 1/2
2.5 <sup>3</sup>	0.175	N/A	N/A	2.875	6.8	5	3 5/16	8	N/A
3	0.175	0.130	0.130	3.500	9.1	5	3 7/16	8	4
4	0.207	0.160	0.160	4.500	13.0	5 1/2	3 11/16	8	4 3/8
6	0.218	0.225	0.275	6.625	22.8	5 1/2	4 1/8	10	5 1/2
8	0.218	0.300	0.310	8.625	29.9	7	4 1/2	12	6 1/2
10 <sup>4</sup>	0.290	0.200 <sup>6</sup>	0.320	10.75	41.4	16	6 <sup>5</sup>	N/A	8 1/2
12 <sup>4</sup>	0.340	0.200 <sup>6</sup>	0.425	12.75	53.5	16	7 1/2 <sup>5</sup>	N/A	8 1/2

<sup>1</sup> Available only as fixed flange spools.

<sup>2</sup> Capability of field threaders, such as Wheeler Rex or equal.

<sup>3</sup> Size not available with liner of PVDF or PTFE resin.

<sup>4</sup> Available in PP and PTFE only. 10" and 12" are not mechanically swaged.

<sup>5</sup> Pipe spools with lengths between 8" and 16" will consist of two loose flanges and a welded stub. With lengths from 6" to 8", pipe spools will consist of one loose and one welded flange.

<sup>6</sup> Thin wall PTFE not vacuum rated.

N/A = Part is not available.