

## K-Flex Insul-Tube and K-Flex HT Nesting Sizes

To use the chart below, find the nominal insulation ID for the first layer of insulation in the far left column. Read across to the first layer insulation thickness column to find the nominal ID needed for the second layer of insulation.

### K-FLEX INSUL-TUBE AND K-FLEX HT

Insulation (1 <sup>st</sup> layer) Nominal ID	IPS Nominal	3/8" Wall (1 <sup>st</sup> layer)	1/2" Wall (1 <sup>st</sup> layer)	3/4" Wall (1 <sup>st</sup> layer)	1" Wall (1 <sup>st</sup> layer)	1-1/4" Wall (1 <sup>st</sup> layer)	1-1/2" Wall (1 <sup>st</sup> layer)	2" Wall (1 <sup>st</sup> layer)
1/4"		1-1/8"	1-3/8"	2"	2-3/8"	2-7/8"	3-1/2"	4-1/8"
3/8"		1-3/8"	1-5/8"	2"	2-3/8"	3-1/8"	3-1/2"	4-1/2"
1/2"	1/4"	1-3/8"	1-5/8"	2"	2-5/8"	3-1/8"	3-5/8"	4-1/2"
5/8"	3/8"	1-5/8"	2"	2-3/8"	2-7/8"	3-1/2"		4-1/2"
3/4"		1-7/8"	2"	2-5/8"	2-7/8"	3-1/2"	4-1/8"	Sheet
7/8"	1/2"	2"	2-1/8"	2-5/8"	3-1/8"	3-1/2"	4-1/8"	Sheet
1-1/8"	3/4"	2-1/8"	2-3/8"	3-1/8"	3-1/2"	4-1/8"	4-1/2"	Sheet or 5-5/8"
1-3/8"	1"	2-3/8"	2-5/8"	3-1/2"	3-5/8"	4-1/8"	4-1/2"	Sheet or 5-5/8"
1-5/8"	1-1/4"	2-7/8"	2-7/8"	3-1/2"	4-1/8"	4-1/2"	Sheet	Sheet or 6-1/8"
2"	1-1/2"	3-1/8"	3-1/2"	4"	4-1/2"	Sheet	Sheet	Sheet or 6-1/8"
2-1/8"		3-1/2"	3-1/2"	4-1/8"	4-1/2"	Sheet	Sheet	Sheet
2-3/8"	2"	3-1/2"	3-5/8"	4-1/2"	Sheet	Sheet	Sheet or 5-5/8"	Sheet or 6-5/8"
2-5/8"		4"	4"	4-1/2"	Sheet	Sheet or 5-5/8"	Sheet	Sheet
2-7/8"	2-1/2"	4-1/8"	4-1/8"	Sheet	Sheet	Sheet or 5-5/8"	Sheet or 6-1/8"	Sheet
3-1/8"		4-1/2"	4-1/2"	Sheet	Sheet or 5-5/8"	Sheet or 6-1/8"	Sheet or 6-5/8"	Sheet
3-1/2"	3"		Sheet	Sheet or 5-5/8"	Sheet	Sheet	Sheet	Sheet
3-5/8"			Sheet	Sheet or 5-5/8"	Sheet or 6-1/8"	Sheet or 6-5/8"	Sheet	Sheet
4-1/8"			Sheet or 5-5/8"	Sheet or 6-1/8"	Sheet or 6-5/8"	Sheet	Sheet	Sheet or 8-5/8"
4-1/2"	4"		Sheet or 6-1/8"	Sheet or 6-5/8"	Sheet	Sheet	Sheet	Sheet
5-5/8"	5"		Sheet	Sheet	Sheet	Sheet or 8-5/8"	Sheet	Sheet
6-1/8"			Sheet	Sheet	Sheet	Sheet	Sheet	Sheet
6-5/8"	6"		Sheet	Sheet	Sheet	Sheet	Sheet	Sheet
8-5/8"	8"		Sheet	Sheet	Sheet	Sheet	Sheet	Sheet

Approximate sheet insulation length is given below where no nesting size is specified. Sheet length is an estimate, and should be adjusted to actual installation requirements. Nested insulation may fit loosely, with trimming required for a proper fit. Air space between layers of insulation will not adversely effect performance as long as butt joints are properly sealed. For pipe ODs below 5" IPS, K-FLEX recommends using tube insulation to prevent the tension and stress cracking that can occur when using sheet insulation on smaller pipe sizes.

## Sheet Length Estimates

Insulation Size	Sheet Length (inches)			
	20-1/8	21-5/8	23-1/4	24-3/4
4-1/2" x 1/2"	20-1/8	21-5/8	23-1/4	24-3/4
4-1/2" x 1"	23-5/8	25-1/2	26-3/4	28-3/8
5-5/8" x 1/2"	23-1/4	24-3/4	26-3/8	29
5-5/8" x 3/4"	25-1/4	26-7/8	28-3/8	30
6-5/8" x 1"	30-7/8	31-7/8	33-1/2	35
8-5/8" x 1/2"	33	34-5/8	36-1/8	37-3/4
8-5/8" x 3/4"	35-1/8	36-5/8	38-1/4	39-3/4
8-5/8" x 1"	36-5/8	38-1/8	39-3/4	41-3/8