

Nesting Chart (Copper) for AEROFLEX EPDM™ Pipe Insulation

Copper Tube ID (in)	Copper Tube OD (in)	Layer	Insulation Thickness (in) * Does not pass ASTM E84 25/50						
			1"	1-1/2"	2"	* 2-1/2"	* 3"	* 3-1/2"	* 4"
1/8	1/4	Inner	3/8 x 1/2	3/8 x 1/2	3/8 x 1/2	3/8 x 1/2	3/8 x 1-1/2	3/8 x 1-1/2	3/8 x 2 (U)
		Outer	1-3/8 x 1/2	1-3/8 x 1	1-3/8 x 1-1/2	1-3/8 x 2	3-1/2 x 1-1/2	3-1/2 x 2	4-1/2 x 2
1/4	3/8	Inner	3/8 x 1/2	3/8 x 1/2	3/8 x 1/2	3/8 x 1/2	3/8 x 1-1/2	3/8 x 1-1/2	3/8 x 2 (U)
		Outer	1-3/8 x 1/2	1-3/8 x 1	1-3/8 x 1-1/2	1-3/8 x 2	3-1/2 x 1-1/2	3-1/2 x 2	4-1/2 x 2
3/8	1/2	Inner	1/2 x 1/2	1/2 x 1/2	1/2 x 1	1/2 x 1	1/2 x 1	1/2 x 1-1/2	1/2 x 2
		Outer	1-5/8 x 1/2	1-5/8 x 1	2-5/8 x 1	2-5/8 x 1-1/2	2-5/8 x 2	3-1/2 x 2	4-1/2 x 2
1/2	5/8	Inner	5/8 x 1/2	5/8 x 1/2	5/8 x 1/2	5/8 x 1/2	5/8 x 1	5/8 x 3 (U)	5/8 x 3 (U)
		Outer	1-5/8 x 1/2	1-5/8 x 1	1-5/8 x 1-1/2	1-5/8 x 2	2-5/8 x 2	6-5/8 x 1/2	6-5/8 x 1
5/8	3/4	Inner	3/4 x 1/2	3/4 x 1/2	3/4 x 1/2	3/4 x 1/2	3/4 x 1	3/4 x 3 (U)	3/4 x 3 (U)
		Outer	1-7/8 x 1/2	1-7/8 x 1	1-7/8 x 1-1/2	1-7/8 x 2	2-7/8 x 2	SHEET	SHEET
3/4	7/8	Inner	7/8 x 1/2	7/8 x 1/2	7/8 x 1/2	7/8 x 1/2	7/8 x 1	7/8 x 3 (U)	7/8 x 3 (U)
		Outer	1-7/8 x 1/2	1-7/8 x 1	1-7/8 x 1-1/2	1-7/8 x 2	2-7/8 x 2	SHEET	SHEET
1	1-1/8	Inner	1-1/8 x 1/2	1-1/8 x 1/2	1-1/8 x 1/2	1-1/8 x 1/2	1-1/8 x 1	1-1/8 x 1-1/2	1-1/8 x 3 (U)
		Outer	2-1/8 x 1/2	2-1/8 x 1	2-1/8 x 1-1/2	2-1/8 x 2	3-1/8 x 2	4-1/8 x 2	SHEET
1-1/4	1-3/8	Inner	1-3/8 x 1/2	1-3/8 x 1/2	1-3/8 x 1/2	1-3/8 x 1/2	1-3/8 x 1	1-3/8 x 2	1-3/8 x 2
		Outer	2-3/8 x 1/2	2-3/8 x 1	2-3/8 x 1-1/2	2-3/8 x 2	3-1/2 x 2	5-1/2 x 1-1/2	5-1/2 x 2
1-1/2	1-5/8	Inner	1-5/8 x 1/2	1-5/8 x 1/2	1-5/8 x 1/2	1-5/8 x 1/2	1-5/8 x 2	1-5/8 x 3 (U)	1-5/8 x 3 (U)
		Outer	2-5/8 x 1/2	2-5/8 x 1	2-5/8 x 1-1/2	2-5/8 x 2	SHEET	SHEET	SHEET
2	2-1/8	Inner	2-1/8 x 1/2	2-1/8 x 1/2	2-1/8 x 1/2	2-1/8 x 1/2	2-1/8 x 1	2-1/8 x 2	2-1/8 x 2
		Outer	3-1/8 x 1/2	3-1/8 x 1	3-1/8 x 1-1/2	3-1/8 x 2	4-1/8 x 2	6-1/8 x 1-1/2	6-1/8 x 2
2-1/2	2-5/8	Inner	2-5/8 x 1/2	2-5/8 x 1/2	2-5/8 x 1/2	2-5/8 x 2	2-5/8 x 2	2-5/8 x 2	2-5/8 x 2
		Outer	3-5/8 x 1/2	3-5/8 x 1	3-5/8 x 1-1/2	6-5/8 x 1/2	6-5/8 x 1	6-5/8 x 1-1/2	6-5/8 x 2
3	3-1/8	Inner	3-1/8 x 1/2	3-1/8 x 1/2	3-1/8 x 1/2	3-1/8 x 1/2	3-1/8 x 1-1/2	3-1/8 x 1-1/2	3-1/8 x 2
		Outer	4-1/8 x 1/2	4-1/8 x 1	4-1/8 x 1-1/2	4-1/8 x 2	6-1/8 x 1-1/2	6-1/8 x 2	SHEET
3-1/2	3-5/8	Inner	3-5/8 x 1/2	3-5/8 x 1	3-5/8 x 1-1/2	3-5/8 x 1-1/2	3-5/8 x 1-1/2	3-5/8 x 1-1/2	3-5/8 x 1-1/2
		Outer	SHEET	SHEET	6-5/8 x 1/2	6-5/8 x 1	6-5/8 x 1-1/2	6-5/8 x 2	SHEET
4	4-1/8	Inner	4-1/8 x 1/2	4-1/8 x 1/2	4-1/8 x 1	4-1/8 x 1	4-1/8 x 2	4-1/8 x 2	4-1/8 x 2
		Outer	5-1/8 x 1/2	5-1/8 x 1	6-1/8 x 1	6-1/8 x 1-1/2	SHEET	SHEET	SHEET
5	5-1/8	Inner	5-1/8 x 1/2	5-1/8 x 1/2	5-1/8 x 1/2	5-1/8 x 1/2	5-1/8 x 2	5-1/8 x 2	5-1/8 x 2
		Outer	6-1/8 x 1/2	6-1/8 x 1	6-1/8 x 1-1/2	6-1/8 x 2	SHEET	SHEET	SHEET
6	6-1/8	Inner	6-1/8 x 1/2	6-1/8 x 1	6-1/8 x 1	6-1/8 x 2	6-1/8 x 2	6-1/8 x 2	6-1/8 x 2
		Outer	SHEET	SHEET	SHEET	SHEET	SHEET	SHEET	SHEET

Notes:

- Combinations listed are for copper tube size only.
- AEROFLEX Self-Seal actual tube ID's are listed. When Self-Seal size is not available, standard unslit tube size listed (U).
- AEROFLEX Self-Seal tubes are available up to 16" IPS.
- AEROFLEX standard unslit tubes are available up to 6" IPS.
- Depending on product availability, other size combinations may be possible.
- Sizes are calculated using closest ID for snug fit to first layer. Depending on actual tolerance of ID and wall thickness, outer layers may fit slightly tight or loose. If 2nd layer fits too tight, use AEROFLEX® Sheet or Roll.
- Do not stretch 2nd layer. If acceptable, a tube can be installed loose over the first layer by following the AEROFLEX® Installation Guide. Still air sealed between layers provides excellent thermal conductivity.

To learn more about Aeroflex USA's insulation system solutions, please visit www.aeroflexusa.com.