

K-Flex Pipe Covering With Press-On Fittings

K-Flex USA elastomeric insulation products are designed to fit loosely on piping systems. The inside diameter is designed to be large enough to accommodate the fittings typically used with the piping.

Several manufacturers of pipe fittings supply “press – on” type solderless fittings for use with copper pipe. While the actual dimensions vary by manufacturer, these fittings have a slightly larger O.D. than the equivalent soldered fitting. These solderless fittings require an increase in insulation size to a larger I.D. to accommodate the fittings. The table below provides recommended insulation sizes when using “Press – On” style fittings.

Copper Pipe Size, in.	Insulation Size	
	Standard	Press – On
1/2	5/8	7/8
3/4	7/8	1-1/8
1	1-1/8	1-5/8
1-1/4	1-3/8	1-5/8
1-1/2	1-5/8	2-1/8
2	2-1/8	2-5/8
2-1/2	2-5/8	3-1/8
3	3-1/8	3-5/8
4	4-1/8	4” IPS

Please note that the use of larger insulation sizes will not adversely affect the performance of the insulation. However, use of the larger size will increase the insulation cost and the insulation will be very loose on the pipe.

An alternative method to insulate piping systems using solderless fittings is to use the standard insulation thicknesses *up to the fittings* and sleeve over the fitting, extending a minimum 1” onto the insulation on either side of the fitting. Refer to the nesting tables in the technical section of the K-Flex USA website at www.kflexusa.com for appropriate sleeving sizes.

