

COMPATIBILITY OF K-FLEX INSULATION AND ADHESIVES WITH SUBSTRATE MATERIALS

K-Flex Insulation products can be used to insulate various types of applications i.e. pipe, tanks, vessels and equipment, etc. which consist of various types of materials such as copper, iron, stainless steel, PVC and CPVC, PEX and fiberglass, etc. K-Flex insulation products and the corresponding K-Flex adhesive (including factory applied pressure sensitive adhesives (PSA) are compatible with all the above materials. An exception would be the recommendation to use only K-Flex ECO on stainless steel pipe above 100°F. See Technical Bulletin TA05.

When insulating piping, one should avoid getting excess adhesive on the pipe. This is best accomplished by brushing the adhesive on the insulation wall with an outward motion to avoid getting excess adhesive on the ID of the insulation.

When insulating tanks, vessels, equipment enclosures, etc. where the adhesive is applied directly on the item being insulated as well as on the insulation, apply the adhesive with a thin, uniform coat and allow the adhesive solvents to flash off before applying the insulation to the item. This is best accomplished by spray application of the adhesive. This will ensure a good bond and eliminate any off-gassing of the adhesive. Note: K-Flex USA supplied and K-Flex USA approved contact adhesives are not re-positionable type adhesives, so care must be taken when mating the surfaces.

If there are questions regarding material compatibility or chemical resistance of the insulation, refer to Technical Bulletin TA48, [Chemical Resistance of K-Flex Insulation](#).