

Use of K-Flex Elastomeric Insulation on CPVC Piping

CPVC piping is used in plumbing, fire sprinkler and other hot / cold water applications. Elastomeric insulation has been successfully used in conjunction with this type of piping for many years.

Some CPVC resin producers (Lubrizol) or pipe manufacturers have an approved products listing for materials / products which they have tested and found to be compatible for use with their products. There is also a listing of products that they have found to be unacceptable, either through testing or historical / field experience. Elastomeric-based insulation products fall in the category of not tested. This means that they have not been found to be unacceptable for use by the resin producers, but that they have not been specifically tested for compatibility.

CPVC is not compatible with some rubber and flexible plastic materials containing certain types of plasticizers. Incompatible plasticizers include, but are not limited to, phthalates, adipates, trimellitates, dibenzoates, etc. K-Flex USA elastomeric insulation products do not contain any of the above mentioned plasticizer families. It is our opinion that the plasticizers used in our products are either compatible with CPVC or are non-leaching.

It has been our experience that there have been no compatibility issues with elastomeric insulation products and CPVC-based resin piping products.

For more information, please contact a K-Flex USA Technical representative or a CPVC resin supplier, such as Lubrizol at www.Lubrizol.com.