

## LIFE EXPECTANCY OF K-FLEX PE POLYETHYLENE INSULATION PRODUCTS

K-Flex USA manufactures K-Flex PE pipe covering in un-slit, semi-slit and self-sealing (peel and stick seam) forms.

It is difficult to predict the life expectancy of any insulation material as the longevity is affected by a number of factors, including but not limited to: ambient conditions such as temperatures, elevated humidity / vapor drive, direct or indirect, natural UV exposure, as well as environmental conditions such as chemical exposures, artificial UV exposure and physical damage. Insulation may also be adversely affected by variations in the operating temperatures beyond recommended service temperatures or installation design.

Polyethylene insulation is a thermoplastic and as such is susceptible to concentrated / magnified reflected sunlight that can cause the insulation to melt. This phenomenon can occur indoors or outdoors if light is concentrated due to reflection off of metal objects (such as metal jacketing, skylights or HVAC units) or glass (skylights, windows, etc.). If these conditions occur, a protective coating or jacketing should be applied over the polyethylene insulation.

All K-Flex polyethylene insulation products should be installed in accordance with the current service and installation recommendations which are available on our website at [www.kflexusa.com](http://www.kflexusa.com) When properly selected and installed, protected from damage and properly maintained, K-Flex USA polyethylene insulation products would have an anticipated service life of 10 to 15 years or longer.

**IMPORTANT NOTE:** The information in this technical bulletin is based on K-Flex USA's and L'Isolante K-Flex's experience and field observation with polyethylene based insulation products. We believe this information to be accurate. The life expectancy information does *not* constitute either a specific or an implied warranty. All warranty information may be found on the current K-Flex USA price lists or on the product specific technical data sheets (if different from the price list).

Please contact the K-Flex USA technical support team at the number listed below if you require additional information.