

## FMRC Third-Party Supervision of K-FLEX USA Tubular Insulation Products

K-FLEX USA elastomeric tubular insulation product's key physical properties are approved through third-party supervision. Third-party supervision ensures our customers that our products meet the specifications for the key properties identified in our literature.

K-FLEX USA selected Factory Mutual Research Corporation (FMRC) as our third-party testing agency. FMRC is part of Factory Mutual, the largest industrial insurance company in the United States. FMRC technicians audit our manufacturing processes and products for compliance to their standards. No changes to the process or product can be made without notification to and approval from Factory Mutual.

Key properties, which are subjected to Factory Mutual Supervision, are:

- Thermal Conductivity (k-factor) / ASTM C518
- Water Vapor Transmission (wvt) / ASTM E96 (Dry Cup Method)
- Fire Performance / FMRC Pipe Chase Test

K-FLEX USA elastomeric tubular insulation products meet or exceed the following physical properties as confirmed by FMRC:

- |  | <u>Elastomeric</u> |
|--|--------------------|
| • Thermal Conductivity (k):  | 0.27               |
| • Water Vapor Transmission (wvt):  | 0.10 perm-in       |
| • Fire Performance: Verified by simulated application tests not to significantly contribute to fire in typical applications. |                    |

K-FLEX USA elastomeric tubing products are identified by brand name, size, ASTM E84 Fire Performance Rating (25/50), R-value and the FM approval mark.

K-Flex USA elastomeric insulation products are also subject to third party supervision from UL for VOC content (Greenguard Gold), mold resistance (UL Validated – Mold Resistance) and UL94 performance.

Third-Party Supervision of key physical properties is only one part of K-FLEX USA's strong commitment to Quality.

