

About

K-FLEX

K-FLEX is an ISO-certified manufacturer of closed-cell elastomeric thermal and acoustic insulation products that are easy-to-use and deliver reliable and lasting performance.

K-FLEX USA is a member of the IK Insulation Group, headquartered in Italy, whose distribution channel reaches 43 countries.

As a result, **K-FLEX USA** has global access to strong fundamental research programs and state-of-the-art levels of technical knowledge and customer support.

Worldwide production facilities:

- ▶ Russia (2 plants)
- ▶ Poland (2 plants)
- ▶ USA (Youngsville, NC: 800,000sf)
- ▶ Mexico (Monterrey, NL: 550,000 sf)
- ▶ Malaysia
- ▶ China
- ▶ India
- ▶ UK
- ▶ France
- ▶ Egypt
- ▶ UAE
- ▶ Vietnam

Production Capabilities:

- ▶ Thermal Insulation Tubes, Sheets, Rolls (NBR/PVC- and EPDM-based)
- ▶ PSA & Jacket Lamination
- ▶ Fitting & Pipe Support Fabrication
- ▶ Sound Barriers and Absorbers

Markets Served:

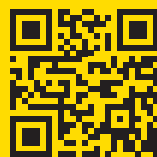
- ▶ Plumbing
- ▶ Marine
- ▶ HVAC/R
- ▶ Oil & Gas
- ▶ Commercial/Industrial
- ▶ OEM



CONTACT

K-FLEX
100 K-Flex Way Youngsville, NC 27596
Phone (800) 765-6475
www.kflexusa.com

Site



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PRODUCT GUIDE

Complete range of products and accessories!

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INNOVATION IN INSULATION

www.kflexusa.com



THERMAL

INSUL-TUBE

Closed-cell elastomeric tube insulation product used to conserve energy and prevent condensation on piping applications. Available in black in 6' lengths up to 2" thickness (25/50-rated, ASTM C534 Type 1, Grade 1).

TITAN - PATENT PENDING

Closed-cell elastomeric insulation tube (NBR/PVC) that is factory-adhered to a flexible polymeric jacketing material comply with the 2012/2015/2018 IECC code. The jacket offers excellent flexibility, abrasion and weather resistance, making it ideal for outdoor applications. Available in 6' lengths up to 1-1/2" thickness and continuous coils in 1/2" and 3/4" thickness.

INSUL-SHEET

Flexible closed-cell elastomeric sheet insulation product used to conserve energy and prevent condensation on large pipes, ducts (covers), vessels, tanks and equipment. Available up to 2" thickness (25/50-rated, ASTM C534 Type 2, Grade 1) with or without a pressure sensitive adhesive (PSA).

INSUL-LOCK DS

Flexible closed-cell elastomeric insulation tube. It is pre-split with a factory-applied pressure sensitive modified-acrylic adhesive on the seam surface and a flexible PVC overlap tape with acrylic adhesive for doubled seam security. Available in black in 6' lengths up to 2" thickness (25/50-rated, ASTM C534 Type 1, Grade 1).

DUCT LINER GRAY

Elastomeric closed-cell insulation. Available up to 2" thickness (25/50-rated, ASTM C1534) with or without a pressure sensitive adhesive (PSA).

K-PROTECT

Closed-cell cross-linked polyethylene sheet insulation product designed for duct wrap applications. The product is laminated with a UV resistant foil for extended outdoor use. Available up to 1" thickness (25/50-rated) with a pressure sensitive adhesive.



THERMAL

PE

Polyethylene-based closed cell, flexible foam insulation meeting the requirements of ASTM C 1427. Available up to 1" wall with or without a factory-applied PSA on the seam surface.

HT

EPDM-based closed-cell elastomeric tube insulation product used to conserve energy and prevent condensation on piping applications up to 300°F. Available in 6' long tubes and 4' wide rolls up to 1" thickness (25/50-rated, ASTM C534 Type 1 & 2, Grade 2).

ECO

Halogen-free, flexible, closed-cell elastomeric insulation designed for marine and mass transit applications. Available in 6' long tubes and 4' wide rolls up to 1" thickness, (ASTM C534 Type 1 & 2, Grade 3).

CLAD AL

Closed-cell, elastomeric insulation fully-adhered to an aluminum-finished jacketing that protects the insulation from UV rays, mechanical abuse, moisture and chemicals. Available in 3' long tubes or 4' wide rolls up to 2" thickness.

CLAD WT

Closed-cell, elastomeric tubes and sheets fully-adhered to a 25/50-rated and NSF-approved white-finish, PVC-backed jacketing that protects the insulation against damage from UV rays, mechanical abuse, moisture and chemicals. Available in 3' long tubes or 4' wide rolls up to 2" thickness.

K-FIT

Factory-fabricated elbows, tees and couplings designed for quick installation and a water-tight seal when bonding to butt joints of insulation tubing. Available in black up to 2" thickness (25/50-rated).



ACCESSORIES

CONTACT ADHESIVES

Solvent-based (320, 373, 420, 620) and water-based (1120) contact adhesives for foam-to-surface, foam-to-foam, and foam-to-jacket bonding. Available in 1/2 pint, pint, quart or gallon containers (varies by product type).

374 PROTECT COATING

Water-based coating that is specifically recommended for UV protection on K-FLEX closed cell tubing and sheet insulation. It is white in color and available in gallon containers.

INSULATED PIPE SUPPORTS

Protects against insulation compression at pipe hangers, eliminating a common source of condensation. Available up to 2" thickness.

ALUMINUM FOIL TAPE

Used to seal joints and seams of HVAC ductwork. Available in 3" and 4" wide rolls.

FSK TAPE

Used to seal joints and seams of FSK faced mechanical insulation systems. Available in 3" and 4" wide rolls.

CORK TAPE

Designed for use on heating, air conditioning, refrigeration and plumbing applications. Available in 2" wide rolls.

CLAD WT TAPE

Specially designed to complement the K-FLEX CLAD® WT line of products. Available in 2", 4" and 6" rolls.

ELASTOMERIC FOAM TAPE

Alternative to tubing insulation in tight areas where traditional insulation will not suffice. Available in 1/8" thick x 2" wide rolls.

SEAM TAPE

Flexible PVC strip tape with an aggressive acrylic adhesive and a PET release liner. Available in 2" wide rolls.

CLAD AL TAPE

Specially designed to complement the K-FLEX CLAD® AL line of products. Available in 2", 4", and 6" rolls.



ACOUSTIC

K-FONIK

Elastomeric-based sound absorbers and noise barriers designed for quick installation, low maintenance and excellent performance in demanding environments.

ZIP CASE

An easy-to-install sound insulation system combining GK mass-loaded barrier, a closed-cell foam decoupling layer, and a simple velcro closure system. Designed for use on drainage pipes but suitable for all piping systems.

GK/GV

Elastomeric-based mass-loaded (25/50-rated) noise barrier. Available in 4' wide rolls from 0.5 lb/ft2 to 1.5 lb/ft2.

K-TEK (PERFORMANCE FOAMS)

PERFORMANCE FOAMS

Used for gaskets, seals, and padding across a wide range of sectors, including HVAC, Automotive and Industrial, among others.

K 41-PA

NBR/PVC (up to 1-1/2")
ASTM D1056 2B1

K 41-N

NBR/PVC/CR (up to 1-1/2")
ASTM D1056 2B1

K 20-X

Crosslinked PE (1/8" to 5/8")
2# density x 60" width

AB 10/15

Elastomeric-based, flexible material re-engineered to have an open-cell structure for excellent sound absorption. Available in 10 and 15 lb/ft3 density in 1" and 2" sheets and full buns.

V BAND

A multi-purpose, self-adhesive, vibration-isolating band made from K-FONIK AB sound absorption material. Designed for use of interior structural framing.