



K-FLEX USA
INNOVATION IN INSULATION

www.kflexusa.com

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Installation Guide

for K-FIT™ Prefabricated Grooved Fittings



Installation Instructions:

K-Fit™ prefabricated fittings are an innovative solution to insulating grooved pipe.

For grooved pipes up to 4" IPS, K-Fit™ Grooved Fittings are a segmented 2-piece construction design.

K-Fit™ Fittings over 4" IPS are designed as a semi-finished Butterfly System. The grooved fittings are composed of an inner layer, an outer layer, and 2 donuts that fit over the pipe and insert into the outer layer - extending over the coupling. Installation is as easy as 1-2-3! Slit, apply to pipe, then secure seams.

Note: When using contact adhesive, be sure to:

- a. Use contact adhesive in well ventilated areas.
- b. Keep containers closed when not in use.
- c. Stir thoroughly.
- d. Apply with brush or convenient pressure can dispenser.
- e. Apply a thin uniform coat on both surfaces to be adhered.
- f. Apply adhesive from the inside out to avoid excessive adhesive on outer surface.
- g. Allow adhesives to become tacky - solvents to evaporate.
- h. Apply uniform pressure to seam - working from the ends to the center.
- i. Clean up with mineral spirits.
- j. Store adhesives away from heat and any open flame.
- k. Keep working area neat and clean. Avoid spills.

4" IPS Grooved Pipe and under:

Step 1: Apply the inner layer (wedge) to the fitting. Secure seam with contact adhesive.



Step 2: Slit the fitting (fitting will be slit along the inside radius of the seam and the donut ends) and apply to the pipe. Apply adhesive to the fitting seam and the donut seams. Allow to become tacky and secure seams with pressure.



Grooved Pipes larger than 4" IPS:



Step 1: Apply inner layer (adhere final seam of inner layer).

Step 2: Slit donut and apply to pipe. Glue donut seam together. Apply adhesive to donut edges. Apply adhesive to donut seam. Secure seam.



Step 3: Apply adhesive to outer layer inside edge. Apply adhesive to outer layer seam. Apply adhesive to outer edge of donut. Allow adhesive to become tacky then secure seams with pressure. Apply outer layer to pipe and donut, aligning all edges. Secure seams with pressure. Adhere final seam of outer layer.

Note: the 2 layers are not adhered to each other.





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ABOUT US

K-Flex USA's vision is to be the global insulation innovator of high performance elastomeric solutions. We pride ourselves on our ability to demonstrate enthusiasm and dedication, respect for our teammates, and operating with the highest level of integrity.

OUR MISSION STATEMENT

K-Flex USA's mission is to drive the growth and innovation of the North American elastomeric insulation market through a commitment to:

- Our customers - by providing reliable, sustainable, and easy-to-use products.
- Our associates - by empowering them and providing them with a safe, secure, and rewarding work environment.
- Our community and the environment - by being a socially responsible corporate citizen.



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