

Cutting K-Flex Duct® Liner Gray

K-Flex Duct® Liner Gray is a flexible, closed cell elastomeric insulation material. K-Flex Duct® Liner Gray can be cut using a variety of methods.

Automated Cutting

K-Flex Duct® Liner Gray, with or without pressure sensitive adhesive (PSA), is easily cut using a water jet cutting machine, such as the Lockformer Vulcan 1600. Because it is a closed cell material, it does not pick up moisture along the cut edges.

K-Flex Duct Liner Gray may be used on some automated coil lines. There are a number of variables that will affect the outcome; liner thickness, type of adhesive used, type of pins (mechanical or weld). Contact K-Flex Technical Support at 1-800-765-6475 before bidding a project based on automated installation.

Manual Cutting

There are any number of knives available that will do an acceptable job of cutting K-Flex Duct® Liner Gray. Some sources of knives are listed in technical bulletin number TA1 – Installation Guide. The key to manually cutting K-Flex Duct® Liner Gray is to keep the knife sharp.

Manually operated cutting tables with a rotary cutting blade have proven successful at cutting K-Flex Duct Liner Gray. The Duro Dyne LSU is an example of this type of equipment. Note that the blades must be *sharp*. Blades that will cut fiberglass may be too dull to cut elastomeric insulation.

Several shops have found that for cutting curves, it is easier to use an electric cutter. The Bosch Foam Rubber Cutter Model 1575A has been used successfully on a number of projects. The use of the 3” blades and the 3” foam rubber cutter guide and foam rubber cutter footplate are recommended.

Summary

It is the goal of K-Flex USA to make installation of K-Flex Duct® Liner Gray as easy as possible. If you have any questions regarding cutting equipment or would like to test out your equipment with K-Flex Duct® Liner Gray, please contact K-Flex USA technical support at 800-765-6475.

