

K-FLEX® 720 LVOC CONTACT ADHESIVE



DESCRIPTION

K-FLEX® 720-LVOC Contact Adhesive is an air-drying solvent-based (acetone) contact adhesive that is excellent for joining seams and butt joints of elastomeric pipe and sheet insulation. It is black in color for excellent aesthetics. K-FLEX® 720-LVOC Contact Adhesive forms a tough, flexible moisture- and heat-resistant bond when used with elastomeric products. K-FLEX® 720-LVOC Contact Adhesive's lower viscosity allows it to be applied easily. It is ideal for bonding porous and non-porous materials, as it will not be absorbed easily. K-FLEX® 720-LVOC Contact adhesive also meets *Southcoast Air Quality Management Rule 1168 (SCAQMD)* and *LEED (Leadership in Energy and Environmental Design) VOC emission regulations*.

Caution: Adhesive contains notable solvents and container, when not in use, should be kept closed. Keep adhesive away from sparks and open flames. Use with adequate ventilation and avoid excessive contact with the skin.

USES

K-FLEX® 720-LVOC Contact Adhesive may be used for bonding elastomeric products to a variety of materials (i.e., other elastomers, metal, wood, leather, felt, concrete, etc.). The adhesive will make a resilient and heat-resistant bond. It is suitable for line temperatures up to 250°F (121°C) and 300°F (150°C) intermittent on applications requiring bonded seams and joints. When the adhesive is applied to large flat or curve surfaces, it is suitable for temperatures up to 200°F (93°C). The product is supplied in quarts. It contains no halogens, making it ideal for use with K-FLEX ECO™ (non-halogen) insulation.

APPLICATION INSTRUCTIONS

For proper adhesion, the surfaces to which the insulation is to be applied must be thoroughly cleaned, dry and unheated. Primed and painted surfaces should be adhesive tested to be sure the insulation will not lift off after application. The adhesive should be thoroughly mixed. Brush or roll a thin even coat of adhesive on both surfaces to be joined. Allow the adhesive films to become dry to the touch, but tacky, before joining the surfaces. Press the two surfaces together. Be sure the insulation is in the desired position before the adhesive surfaces make initial contact, since the adhesive forms an instant bond, and repositioning after contact is difficult. Moderate pressure should then be applied to the entire bonding area to ensure complete contact. Avoid heat, sparks, and open flames, and use only proper ventilation. Close container after use.

K-FLEX® 720-LVOC Contact Adhesive should be applied at above 40°F (4°C) temperatures, and allowed to dry for 24 hours before equipment operation. Protective coatings can be applied to applications with bonded joints and seams, after allowing 24 hours dry time. Applications such as large tanks, or vessels where full adhesive coverage is required, must be allowed to dry 7 days prior to applying a protective coating. Thinning the adhesive is not recommended. Common lacquer thinners (Xylol or Trichloroethylene) can be used for clean up.

PHYSICAL PROPERTIES

Color	Black
Solvents	Acetone
Viscosity	Medium Syrup (3,500 cP)
Weight per gallon	7.2± .2 lbs.
Shelf Life	6 months in original sealed container. Storage temperature 60°F
Minimum Dry Time	2-4 minutes under normal conditions (1-10 minutes depending on conditions)
Open Time	Not to exceed 10 minutes
Temperature Limits	250°F (121°C) for pipe insulation seams and joints 200°F (93°C) for full bonding sheets
Chemical Resistance	Resistant to moisture, aliphatic solvents, and oils
VOC (Theoretical method)	0 gram/liter
Flash Point	-4°F (-20°C)
Freight Classifications	<ul style="list-style-type: none"> • Adhesives NOS. Flammable Liquid 4620 Sub 5, class 60, Un 1133, IMDG class 3.1 • PG:II (Packaging Group) • Meets EPA 40 CFR - 59 sub part 1, or SCAQMD Rule 1168 and LEED requirements
Odor	Pungent Solvent
Solid Content	26%
Coverage	200 sq. ft. per gallon

Made in USA



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KFDS-0097-0811