

# K-FLEX® CORK INSULATION TAPE



## DESCRIPTION

K-FLEX® Cork Insulation Tape is a convenient and easy-to-use product that complements the K-FLEX USA family of tubing and sheet insulation products. Specifically, it is a cork-filled rubber-based mastic used as a barrier to prevent water condensation on cold water pipes and copper tubing.

## USES

This product was formulated to provide insulation and to prevent condensation on pipes, fittings and tubing used in heating, air conditioning, refrigeration and plumbing

applications. K-FLEX® Cork Insulation Tape is ideal for insulating short runs of pipes or valves and fittings where it is impractical to install tubing insulation. The tape can be applied in multiple wraps (thickness) to meet various service conditions.

## APPLICATION INSTRUCTIONS

This product adheres well to most clean, dry surfaces, making it possible to apply more than one layer without adding fasteners or adhesives. It is sufficiently soft and pliable to be molded around most fittings and connections and

retains its flexibility and adhesion over a surface temperature range of -20°F to 150°F (-29°C to 66°C). It is black in color and has a grainy rubber-like consistency. It has a very slight odor. K-FLEX® Cork Insulation Tape may be applied to all diameter pipes and tubes by spiral winding. Remove the release paper as the tape is spiral-wrapped around the pipe. Edges may be butted or overlapped. The seams are sealed with slight hand pressure. Surfaces to which K-FLEX® Cork Insulation Tape is to be applied must be dry and clean.

| PHYSICAL PROPERTIES             | K-FLEX® CORK INSULATION TAPE                            | TEST METHODS     |
|---------------------------------|---|------------------|
| Color                           | Black   | ASTM D1720-69    |
| Solids Content                  | 99.8%   | ASTM C771-74     |
| Thermal Conductivity (k-Factor) | 1.26 BTU/(sq.ft.)(hr.)(°F/in.)                          | ASTM C177        |
| Moisture Vapor Transmission     | 0.021 perm-in   | ASTM E90         |
| Water Absorption                | 0.02%   | ASTM E1056       |
| Ozone Resistance                | Excellent   |                  |
| High Temperature Limit          | 150°F (66°C)  |                  |
| Elongation                      | 50% min.  | Q'SO test method |
| Direct Tension Adhesion         | 6.2 N/cm <sup>2</sup> (9.0 lbs./in. <sup>2</sup> ) min. | Q'SO test method |
| Peel off Force                  | 30 N (6.75 lbs.) min.                                   | Q'SO test method |
| Specific Gravity                | 0.75± 0.05  | ASTM D71-72      |

Made in USA

