



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 186-86-M Vol. 5

Manufacturer: K-Flex USA LLC
100 Nomaco Drive
Youngsville, NC 27596

Trade Name(s): Insul-Tube, Insul-Sheet, K-Flex LS Tube,
K-Flex LS Sheet, Insul-Tube White, K-Flex LS White

Product: Thermal pipe insulation material
MEA Index #650-20 – Insulation Material

Pertinent Code Section(s): 27-811

Prescribed Test(s): RS 14-11 (ASTM E84)

Laboratory: Southwest Research Institute (SwRI)
Intertek Testing Services (ITS)

Test Report(s): SwRI Project No 01.5215.352b dated April 28, 1993
ITS Report 3098578SAT-002 dated June 14, 2006.

Description: Acrylonitrile/PVC cellular foam pipe insulation material up to and including 1½” thickness. Manufacturer’s recommended application temperature range is -297°F to 220°F. Piping insulation is available in both slit and unslit tubular forms. Sheets and rolls are also available.

Flame Spread rating: 15
Smoke Developed rating: 10

Terms and Conditions: The above-described material is accepted for use as pipe insulation with the following conditions:

1. Flame spread rating not to exceed 25 and smoke developed rating not to exceed 50, when assembled as indicated as per manufacturer's instructions, provided the temperature of the outer surface of the insulation does not exceed 60°F above the ambient temperature.
2. The material shall be installed with adhesives that have a maximum flame spread rating of 25 and maximum smoke developed rating of 50.
3. All shipments and deliveries of such materials shall be provided with a label, suitably placed, certifying that the materials shipped or delivered are equivalent to those tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance April 30, 2008

Examined By Siun Derkhdam