



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

Report of Materials and Equipment Acceptance Division

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 261-99-E Vol.3 (Correction)

Note: Per Fire Department letter dated July 3, 2007, Item #5 in the Terms and Conditions section has been revised.

Manufacturer: FlexHead Industries Inc., 56 Lowland Street, Holliston, MA 01746.

Trade Name(s): FlexHead

Product: Flexible fire sprinkler connections

Pertinent Code Section(s): NFPA 13, 13D, 13R, Sec. 3-5.2 Specially Listed Fittings ASME B1.20.1 pipe threads general purpose, Subchapter 17, Reference Standard RS 17-2

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL Reports file Ex5269, Project 02NK51687, issued July 3, 2003. UL Reports File Ex5269, Projects 99NK17313 & 02NB20856, issued March 23, 2000 and revised September 19, 2002.

Description: The FlexHead® fire sprinkler connection is designed for use as the final connection between the fire sprinkler piping and the sprinkler head installed in suspended and gypsum board ceilings. The system comes complete with a fully braided and welded, leak checked flexible metal hose assembly with fittings (2', 3', 4', 5' and 6' lengths) and a multi-port mounting bracket for perfect center of tile installations. The FlexHead products are intended for use with hydraulically designed wet, pre-action, deluge or dry pipe sprinkler systems per NFPA 13, 13D, 13R guidelines. The hydraulic loss of the FlexHead hose assembly of choice needs to be included in the hydraulic design calculations the same as a valve or fitting.

Flexible Sprinkler Hose Fittings Models:

| | |
|-------|--------------|
| 2024H | 2024 24" OAL |
| 2036H | 2036 36" OAL |
| 2048H | 2048 48" OAL |
| 2060H | 2060 60" OAL |
| 2072H | 2072 72" OAL |

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections Letter dated May 27, 2005, F.P. Index No. 0308013C.

Additionally, although pursuant to Administrative Code §26-144, the Master Plumber & Master Fire Suppression Piping Contractor Board (Operations Subcommittee) expressed concern that due to the flexible nature of the hose, the units could be dismantled or moved without the involvement of a licensed master plumber, this concern did not address the safety or performance of the device itself, or otherwise affect its acceptance for use.

Terms and Conditions - The above units are accepted on condition that:

1. Installations shall comply with all applicable New York City codes, rules, regulations, and testing requirements and in particular with the requirements of Subchapter 17 and RS 17-2 of the Administrative Code.
2. UL listing requirements and limitations shall be complied with. The installation manual shall clearly indicate the equivalent length for the various models and the number of bends permitted on each model.
3. Manufacturer's installation, maintenance and limitations shall be complied with.
4. The specified products are to be used in sprinkler installations as an adjustable drop nipple only. We do not permit its use as a substitute for a pipe nor to be connected end to end to create extended lengths.
5. Two tamper-proof screws shall be installed in the FlexHead bracket and the suspension ceiling grid or stud (for gypsum board applications), in accordance with FlexHead Industries' installation instructions.
6. All shipments and deliveries of such equipment shall be provided with a metal tag suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided for in Section 27-131 of the New York City Building Code.

Final Acceptance

July 17, 2007.

Examined By

Donald [Signature]