



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 434-88-M Vol. 2

Manufacturer:

Lubrizol Corporation, Temprite[®] Engineered
Polymers
9911 Brecksville Road
Cleveland, Ohio 44141

Lubrizol is the manufacturer of CPVC resin and compound (raw material) and the owner of the trade name "BlazeMaster[®]". The following are Licensee/Manufacturers of "BlazeMaster[®]" pipe and (or) fittings.

Manufacturers of BlazeMaster[®] pipe and fittings:

IPEX, Inc.
6810 Invader Crescent
Mississauga, Ontario L5T 2B6.

Tyco Fire and Building Products
451 North Cannon Avenue
Lansdale, PA 19446

Manufacturers of BlazeMaster[®] pipe only:

Harvel Plastics, Inc.
P.O. Box 757, 300 Keubler Road
Forks Township, Easton PA 18040

The Viking Corporation
202 Industrial Drive
Huntsville, Alabama 35811

KT Plastics
202 Industrial Drive
Huntsville, Alabama 35811

Manufacturers of BlazeMaster® fittings only:

NIBCO, Inc.
1516 Middlebury Street
Elkhart, IN 46516

- Product:** CPVC Fire Sprinkler Pipe & Fittings ¾” through 3” nominal diameters
- Pertinent Code Section(s):** RS 17-2 Section 3-1.1
- Prescribed Test(s):** RS 17-2 Section 3-1.1, 17-2A Section 1-5.2, and 17-2B Section 3-3.2 as follows:
1. Pressure rating
 2. Beam strength (hangers)
 3. Corrosion (chemical and electrolytic)
 4. Resistance to failure when exposed to elevated temperatures
 5. Methods of joining (strength, performance, fire hazard)
 6. Availability of fittings (for sprinkler outlets and proper routings)
 7. Physical characteristics related to integrity during earthquakes
 8. Toxicity
 9. Combustibility
 10. Movement during sprinkler operation (water distribution)
- Laboratory:** Underwriters Laboratories Inc., Factory Mutual Research & Testing, United States
- Test Report(s):** UL File No. Ex2563 Project 89SC16431, dated November 8, 1989. UL File No. Ex3648 Project 86NK24609, dated April 1, 1987. UL File No. Ex3754 Project 87NK4110, dated March 18, 1987. UL File No. Ex3769 Project 87NK4112, dated July 17, 1985. FM File JI.OKOA&.AH (1635), dated February 20, 1985. US Testing Letter, dated January 21, 1989. US Testing Report No. 061171-1-2-3, dated October 13, 1988.

Description: Blazemaster® Chlorinated Poly Vinyl Chloride (Orange) (CPVC) pipe manufactured to or exceeding the specifications of ASTM F442 and CPVC fittings manufactured to or exceeding the specifications of ASTM F437, 438 OR 439 depending on the size and configuration.

Terms and Condition: The above described Chlorinated Poly Vinyl Chloride (CPVC) pipe and fittings be accepted for use as automatic WET fire sprinklered system components for sprinklered systems used in buildings or building sections classified in occupancy groups J1, J2 and J3 on condition that all uses, locations and installations comply with New York City Building Code, specifically Subchapter 17 and Reference Standard RS17, the New York City Rules Governing the installation of CPVC Sprinkler Pipe and Fittings, the manufacturer's installation requirements, and U.L. listing requirements. In cases where Factory Mutual is the insurance carrier, FM installation rules shall take precedence to U.L.

Marking:

PIPE

Each length of pipe shall be marked with the following:

1. Listee's name or identifying symbol.
2. Type of pipe "CPVC".
3. Size, pressure rating (175 psi) and temperature rating (150°F).
4. Standard dimensional ratio (SDR 13.5).
5. Material designation.
6. Date, shift and extruder code of manufacture.

The packaging includes the marking which states "Install Pipe and Fittings in Accordance with Installation Instructions (see instructions inside packaging)."

FITTINGS

Each fitting shall be marked with the following:

1. Listee's name or identifying symbol.
2. Size of fitting.
3. Material designation.
4. Year of manufacture.

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 in Section 27-131 of the New York City Building Code.

Final Acceptance October 3, 2007.
Examined by Donald [Signature]