



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
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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 247-05-E

Manufacturer: Tyco Fire & Building Products, 1550 Valley Center Parkway, Bethlehem, PA 18017

Trade Name(s): Grinnell

Product: Grooved pipe couplings

Pertinent Code Section(s): Reference Standard RS-17, Subchapter 17.

Prescribed Test(s): UL 312

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): File Ex3202, Report 04NK07499, issued May 21, 2004 and revised June 24, 2005.

Description: Grooved pipe couplings.

| Model No. | Size | Pressure Rating |
|---------------------|---------|-----------------|
| Grinnell Figure 577 | 1" | 300 psi |
| Grinnell Figure 577 | 1-1/4" | 300 psi |
| Grinnell Figure 577 | 1-1/2" | 300 psi |
| Grinnell Figure 577 | 2" | 300 psi |
| Grinnell Figure 577 | 2-1/2" | 300 psi |
| Grinnell Figure 577 | 76.1mm | 300 psi |
| Grinnell Figure 577 | 3" | 300 psi |
| Grinnell Figure 577 | 4" | 300 psi |
| Grinnell Figure 577 | 139.7mm | 300 psi |
| Grinnell Figure 577 | 5" | 300 psi |
| Grinnell Figure 577 | 165.1mm | 300 psi |
| Grinnell Figure 577 | 6" | 300 psi |
| Grinnell Figure 577 | 8" | 300 psi |

Pursuant to "Promulgation of the Rules relating to Materials and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections Letter dated January 20, 2006, F.P. Index # 0507034.

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

1. Installation and use shall comply with all applicable New York City Building codes, rules, regulations and testing requirements and in particular with the requirements of Subchapter 17 and RS 17 of the Administrative Code.
2. The products covered by this Report are intended for use only in fire protection systems as outlined by the following standards of NFPA:
 - ANSI/NFPA 13 – Installation of Sprinkler Systems
 - ANSI/NFPA 14 – Installation of Standpipe, Private Hydrant and Hose Systems
 - ANSI/NFPA 15 – Water Spray Fixed Systems for Fire Protection
 - ANSI/NFPA 24 – Installation of Private Fire Service Mains and their Appurtenances
3. Underwriters Laboratories Inc.'s listing requirements and limitations shall be complied with.
4. Manufacturer's installation, maintenance procedures and limitations shall be complied with.
5. In accordance with the reference standard, when used with roll grooves the pipe used shall have a wall thickness not less than Schedule 10. When used with cut grooves the pipe used shall have a wall thickness not less than Schedule 40 for pipe size up to 6 inch diameter, and wall thickness not less than Schedule 30 for pipe size up to 8 inch diameter.
6. The couplings have been rated for 300 psig.
7. Gaskets and lubricants shall be used in accordance with the manufacturer's instructions.
8. 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 May 16, 2007.

Examined by Donald [Signature]