

CSI MasterFormat 1995 Edition: Division 15 Mechanical-Section 15300 Fire Protection Piping

**CSI MasterFormat 2004 Edition: Division 21 Fire Suppression-Section 21 11 00 Facility Fire-Suppression
Water-Service Piping**

FLEXIBLE SPRINKLER HOSE FITTINGS FOR FIRE PROTECTION SERVICE

- A. Manufacturer: FlexHead Industries, Inc.
 - 1. Contact: 56 Lowland Street, Holliston, MA 01746; Telephone: (800) 829-6975; Fax: (508) 893-6020; Email: sales1@flexhead.com; website: www.flexhead.com
- B. Description: Flexible Sprinkler Hose Fittings for use in Armstrong TechZone Ceiling Systems.
 - 1. Regulatory Requirements:
 - a. In accordance with NFPA 13.
- C. Product Performance Criteria:
 - 1. FM Approved for its intended use pursuant to FM 1637 Approval Standard for Flexible Sprinkler Hose with Threaded End Fittings.
 - 2. UL Listed for its intended use pursuant to UL 2443 Standard for Flexible Sprinkler Hose with Fittings for Fire Protection Service.
 - 3. Seismically qualified for use pursuant to ICC-ES AC-156 Acceptance Criteria for Seismic Qualification by Shake-Table Testing of Nonstructural Components and Systems.
- D. Materials: FlexHead TechZone Sprinkler Connections.
 - 1. FlexHead Flexible Hose Assemblies and End Fittings:
 - a. Composition: 100% Type 304 Stainless Steel.
 - b. Straight Hose Assembly Lengths: {2ft length, Model #2024-TZ} {3ft length, Model #2036-TZ} {4ft length, Model #2048-TZ} {5ft length, Model #2060-TZ} {6ft length, Model #2072-TZ}.
 - 1. {½ inch} {¾ inch} outlet.
 - 2. {175 psi} {300 psi} maximum rated pressure.
 - 3. Fully welded non-mechanical fittings, braided, leak-tested with minimum 1 inch true-bore internal corrugated hose diameter.

- c. Elbow Hose Assembly Lengths(For use in confined spaces): {2ft length, Model #2024E-TZ} {3ft length, Model #2036E-TZ} { 4ft length, Model #2048E-TZ} {5ft length, Model #2060E-TZ} { 6ft length, Model #2072E-TZ}
 - 1. {½ inch} {¾ inch}outlet.
 - 2. {175 psi} {300psi} maximum rated pressure.
 - 3. Fully welded non-mechanical fittings, braided, leak-tested with minimum 1 inch true-bore internal corrugated hose diameter.
- 2. FlexHead Ceiling Bracket:
 - a. Composition: Type G90 Galvanized Steel.
 - b. Type: Direct attachment type, having integrated snap-on clip ends positively attached to the ceiling using tamper-resistant screws.
 - c. Flexible Hose Attachment: Removable hub type with set screw.