

Vic-Flex® Sprinkler Fittings

Series AH5 Corrugated (Unbraided) Flexible Hose Assembly



Approvals/Listings:



See Victaulic Publication 10.01 for more details.

Product Description:

Vic-Flex™ sprinkler fittings provide sprinkler installation on suspended ceiling grids utilizing a flexible, stainless steel hose. Refer to Installation Manual (I-AquaFlex) for all applicable ASTM ceiling material and installation standards.

System Components:

• Hoses:

Series AH5 7/8" Nominal ID Unbraided Hose

Assembly Lengths: 24, 31, 36, 48, 60, 72"/610, 790, 914, 1220, 1525, 1830 mm.

Note: length includes branch-line nipple and 5.5"/140 mm straight reducer.

- **Sprinkler Reducers:** ½" and ¾"/15 and 20 mm sprinkler connections in 5.5"/140 straight lengths.
- **Branch Connections:** 1"/25.4 mm NPT or BSPT branch line nipples for attaching to rigid pipe.

• Brackets:

Style AB7 for suspended ceilings

Job/Owner

System No.	
Location	

Contractor

Submitted By	
Date	

Technical Specifications:

Maximum Working Temperature: 225°F/107.2°C

Maximum Working Pressure:

- 175 psi/1206 kPa

Connections:

To branch line (inlet) via 1"/25.4 mm NPT or BSPT male thread

To sprinkler head (outlet) via ½" or ¾"/15 mm or 20 mm NPT or BSPT female thread

Minimum Bend Radius:

- 4"/102mm

Maximum Number of Bends per Flexible Drop:

See friction loss charts later in this document

- Do not bend within 2½"/63.5 mm from connection nut.

Maximum K-Factor of Sprinkler to be Connected to Reducer:

- K5.6/8,1 (S.I.) (½" reducer)
- K8.0/11,5 (S.I.) (¾" reducer)

Material Specifications:

• **Series AH5 Hose:**

Corrugated Flexible Hose: Type 304 Stainless Steel

Adapter Ring: Nylon

Seal: Nitrile Rubber

Nut and Nipple: Carbon Steel, Zinc-Plated

Reducer (½ or ¾"): Carbon Steel, Zinc-Plated

- **Bracket:** Carbon Steel, Zinc-Plated

Engineer

Spec Section	
Paragraph	
Approved	
Date	

