

# Vic-Flex® Stainless Steel Sprinkler Fittings

## Series AQD Braided Flexible Hose Assemblies for Ducts



### Technical Specifications:

**Maximum Working Pressure:** 175 psi/ 1200 kPa

**Connections:** To branch line (inlet) via 1"/25 mm NPT/ BSPT male thread

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

### Base mount:

Square

Round

Base size	For Duct Radius
6.1"/155mm	11.8 - 13.8"/300 - 350mm
9.4"/240mm	15.7 - 23.6"/400 - 600mm
18.9"/480mm	25.6 - 72.8"/650 - 1850mm

### Approvals/Listings:



See Victaulic Publication 10.01 for more details.

### Product Description:

Vic-Flex™ Stainless Steel sprinkler Fittings provide fast, easy sprinkler installation for duct system applications.

### System Options:

- **Braided flexible stainless steel hose in lengths:** Series AQD: 24, 48, 72"/610, 1220, 1930mm

Series AQD applicable for round and square duct types:

- **Fiberglass: Reinforced Plastic**  
The system requires no welding for assembly.

### Minimum Bend Radius:

6"/152mm

### Maximum Number of Bends per Flexible Drop:

Three

### Material Specifications:

**Corrugated Flexible Hose:** SS304

**Reducer and Nipple:** SS304

**Base Mount:** Fiberglass-Reinforced Plastic

**Dual-Layer Sleeve:** Polyethylene

**Gaskets:** EPDM

**Braid and Collar:** SS304

### Job/Owner

System No.	
Location	

### Contractor

Submitted By	
Date	

### Engineer

Spec Section	
Paragraph	
Approved	
Date	

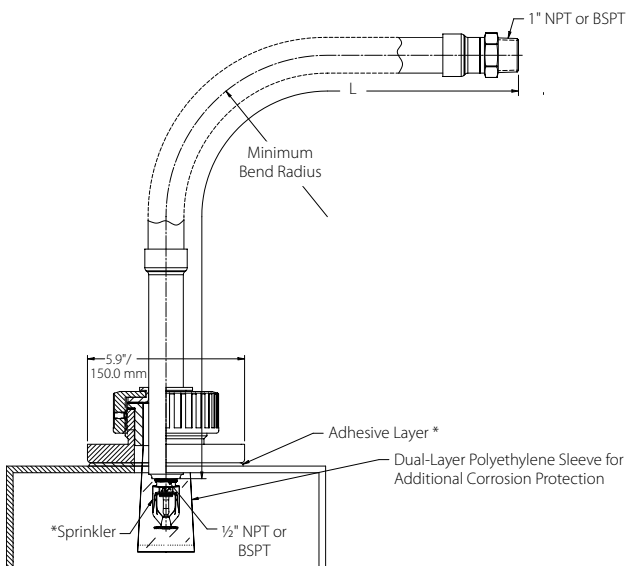
**Friction Loss Data – Series AQD**

Length of Stainless Steel Flexible Hose inches mm	NPT inches	Equivalent Length of 1 inch/33.7mm Sch. 40 Pipe	
		feet	meters
24 610	½	5.5 1.7	
48 1220	½	7.8 2.4	
72 1830	½	11.1 3.4	

This product has been tested and Approved by FM Global for use in wet, dry and preaction systems per NFPA 13, 13R and 13D. FM 1637 standards for safety include, but are not limited to, pressure cycling, corrosion resistance, flow characteristics, vibration resistance, leakage, mechanical and hydrostatic strength at 6" minimum bend radius.

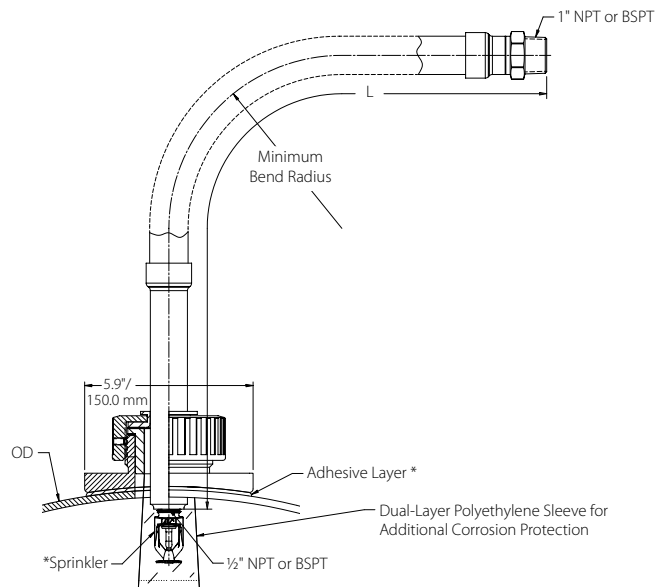
**Product Details**

Square Duct Application



\*Typical square duct shown.  
Items not provided with Series AQD.

Round Duct Application



\*Typical round duct shown.  
Items not provided with Series AQD.

**Installation**

Reference should always be made to the I-100 Victaulic Field Installation Handbook for the product you are installing. Handbooks are included with each shipment of Victaulic products for complete installation and assembly data, and are available in PDF format on our website at [www.victaulic.com](http://www.victaulic.com).

**Warranty**

Refer to the Warranty section of the current Price List or contact Victaulic for details.

**Note**

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

**Trademarks**

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