

FLEXHEAD® UH-1 BRACKET MODEL



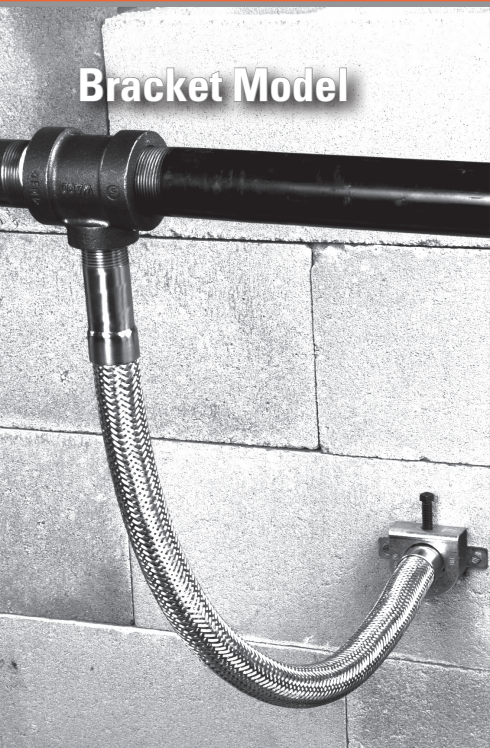
FLEXHEAD®
INDUSTRIES

A PART OF **atkore**
INTERNATIONAL

FlexHead® Institutional Fire Sprinkler Connections

For more information, please visit www.flexhead.com

Bracket Model



MATERIALS

- FlexHead institutional sprinkler hose: 304 stainless steel
- UH-1 Bracket (retaining flange): G90 Galvanized Steel

The FlexHead Institutional Sprinkler Connection uses our UH-1 Bracket (retaining flange) to secure the flexible sprinkler hose to the concrete wall or ceiling. These connections have been specifically designed for use in institutional mental health occupancies, correctional facilities, or anywhere a likelihood of tampering with fire sprinklers by the occupants may exist.

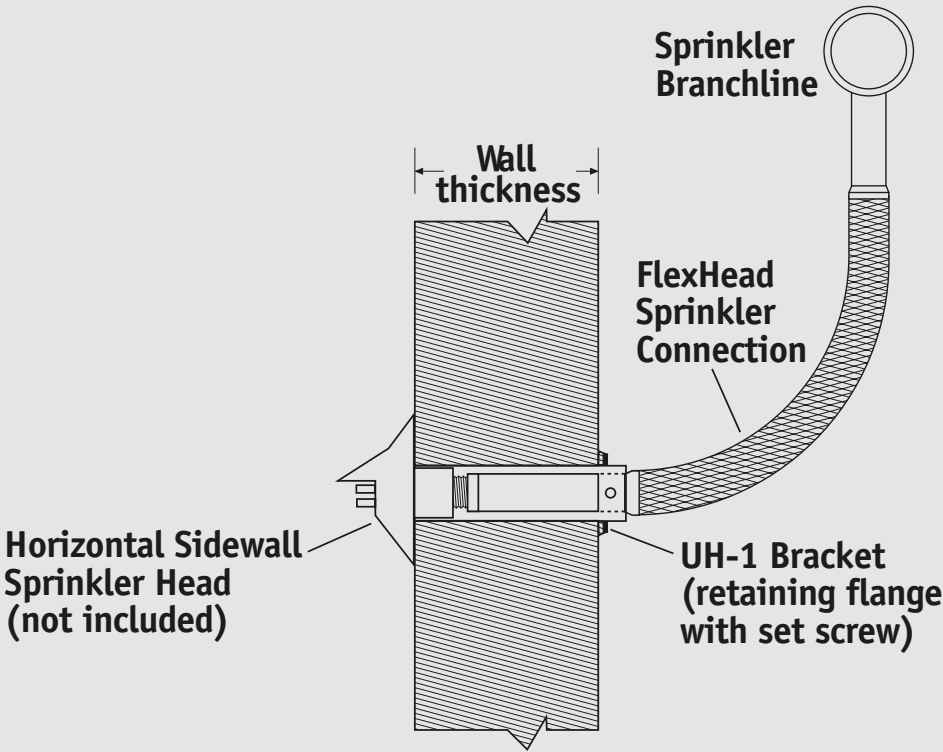
The institutional sprinkler connection consists of a flexible hose in lengths from 2-6 feet and a retaining flange; and is approved for use with pendant or sidewall institutional sprinkler heads. These connections are designed to be installed in concrete wall or ceiling penetrations using institutional sprinkler heads. They are compatible with any institutional sprinkler head on the market.



FLEXHEAD FRICTION LOSS DATA AND SPECIFICATIONS

FRICTION LOSS	FlexHead Model #	Outlet Size in (cm)	Hose Assembly Length ft (cm)	UL Bend Radius in	FM Bend Radius in	Equivalent Length of Schedule 40, Nominal 1 in. Diameter Pipe ft (m)		Maximum Number of 90 Degree Bends	Maximum Ambient Temperature Rating F (C)	Maximum K Factor	Maximum Rated Pressure psi (kPa)
						FM	UL				
	2024I	1/2 (1.27)	2 (0.6)	3	8	18.4 (5.6)	11	3	300 ^o (148 ^o)	5.6	175 (1205)
	2036I	1/2 (1.27)	3 (0.9)	3	8	26.6 (8.1)	16	3	300 ^o (148 ^o)	5.6	175 (1205)
	2048I	1/2 (1.27)	4 (1.2)	3	8	30.3 (9.2)	24	4	300 ^o (148 ^o)	5.6	175 (1205)
	2060I	1/2 (1.27)	5 (1.5)	3	8	35.8 (10.9)	29	4	300 ^o (148 ^o)	5.6	175 (1205)
	2072I	1/2 (1.27)	6 (1.8)	3	8	45.6 (13.9)	35	4	300 ^o (148 ^o)	5.6	175 (1205)

* The "I" indicates an "Institutional" flexible hose with a pressure rating of 175 psi(1205 kPa). Approval of these models of flexible metal sprinkler hose is limited for use with pendant and horizontal sidewall applications with a UH-1 ceiling/wall bracket manufactured by FlexHead Industries, Inc. The FlexHead bracket, UH-1 (Universal Hub), is a one piece unit.



LET FLEXHEAD MAKE YOUR CONNECTION TODAY

ENGINEERS

- Stainless steel quality at black iron costs
- Fast-track construction
- Simplified project management
- Cost-effective code compliance
- Seismically qualified

CONTRACTORS

- Lower installation costs
- More productive installers
- No punch list items
- Highest quality available
- More flexible scheduling
- Competitive advantage for your company

OWNERS

- Shorter time to occupancy
- Lower reconfiguration costs
- Cost effective code compliance
- Lower total costs of ownership

U.S. and international patents pending: #6,123,154, #6,119,784, #6,752,218, #7,032,680, #6,488,097.
The FlexHead name and logo are trademarks of FlexHead Industries.
FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster®, and Corzan® pipe and fittings. FBC™, FlowGuard Gold®, BlazeMaster®, and Corzan® are licensed trademarks of The Lubrizol Corporation.
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