

Fig. 20XXSF-CS-SLT SuperFlex® Confined Space SLT Hose

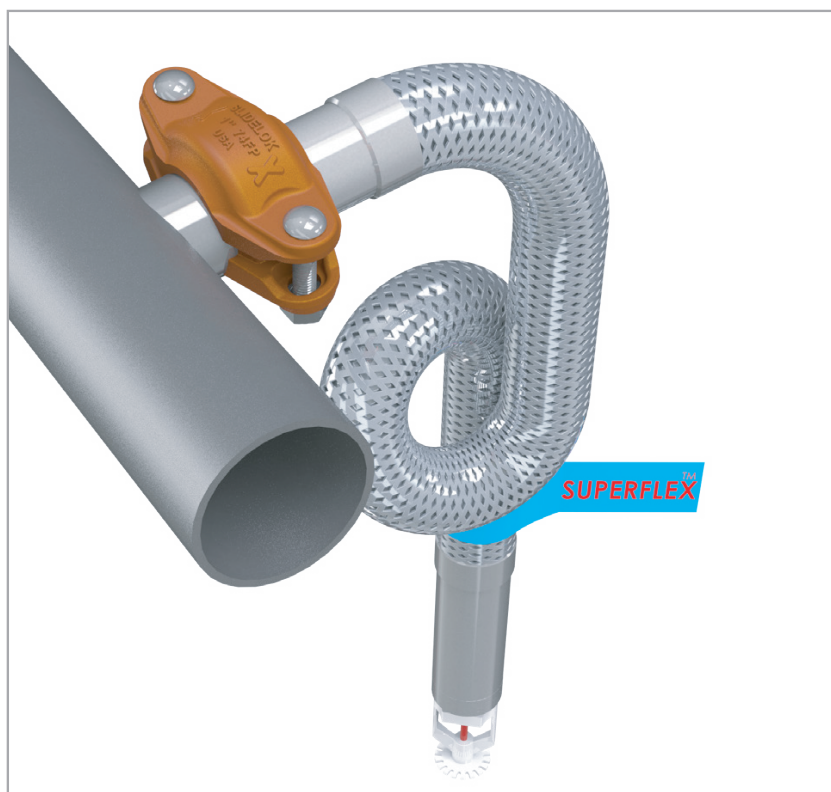


Fig. 20XXSF-CS-SLT cULus & FM Approved Brackets

Bracket Fig # & Size	cULus Listed	FM Approved	FlexHead Historical Model Number
BKT-MPT*	✓	✓	MPT24BKT1
BKT-ADO, 16 in	✓	✓	ADO16BKT3
BKT-ADO, 24 in	✓	✓	ADO24BKT3
BKT-ADO, 30 in		✓	ADO30BKT3
BKT-ADO, 48 in		✓	ADO48BKT3
BKT-UHO3		✓	UHO-3
BKT-TZ		✓	SPO6TZBKT2

Notes: Flexhead Historical Model Numbers may be used to verify cULus Listings & FM Approvals.
 *Requires consideration to ensure the desired sprinkler elevations can be achieved.

Product Specifications**Assembly Length**

36in 48in 72in

Outlet Drop Size (NPT per ASME B1.20.1)

½ NPS (DN15) ¾ NPS (DN20)

Inlet Pipe Size

1" SLT w/ FP74 Coupling

Pressure Rating

UL: 175 psi (1,205 kPa)

FM: 175 psi (1,205 kPa)

Minimum Bend Radius

UL: 2.0 in (50.8 mm)

FM: 7.0 in (177.8 mm)

Ambient Temperature

300°F (145°C) Max

Material

304 Stainless Steel

Features

- 100% Leak Tested Fully Welded Design
- Pre-Installed Sprinkler Head option available upon request
- Every hose comes with an easy to identify Blue Tag
- No bend radius inspection required for cULus applications
- Compliant with NFPA 13, 13R, & 13D
- For Wet, Dry, and Pre-Action Sprinkler Systems

Ordering

Specify figure number, length, outlet size, and description.



PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

Fig. 20XXSF-CS-SLT SuperFlex® Confined Space SLT Hose

Fig. 20XXSF-CS-SLT cULus Listing per UL 2443 & FM Approval (Listing) per FM 1637

Outlet Drop Size	Assembly Length	Equivalent Length						Max # of 90° Bends	
		UL	FM					UL	FM
			k = 5.6	k = 8.0	k = 11.2	k = 14.0	k = 16.8		
-	In	ft/m	ft/m	ft/m	ft/m	ft/m	ft/m	#	#
½ NPS DN15	36	30 9.1	16.2 4.9	16.9 5.2	11.5 3.5	-	-	5	2
	48	47 14.3	28.7 8.7	29.3 8.9	15.4 4.7	-	-	8	3
	72	71 21.6	53.9 16.4	54.3 16.6	23.2 7.0	-	-	12	4
¾ NPS DN20	36	29 8.8	-	21.5 6.5	21.6 6.5	21.8 6.6	22.0 6.7	5	2
	48	44 13.4	-	30.5 9.3	30.6 9.3	31.1 9.4	30.8 9.3	8	3
	72	70 21.3	-	48.5 14.8	48.8 14.8	49.9 15.2	48.6 14.8	12	4

1. Equivalent Length of NPS 1 (DN25) Sch 40 Pipe.
2. Equivalent Lengths listed above assume the maximum number of 90° bends.
3. A 90° bend can be achieved with two 45° bends or three 30° bends.
4. UL Equivalent Lengths are listed for installation with sprinklers with a maximum k-factor of 16.8.
5. FM Equivalent Lengths listed above include the Friction Loss of the Sprinkler.
6. UL Listed for "Limited Flexibility".

Fig. 20XXSF-CS-SLT SuperFlex® Confined Space SLT Hose

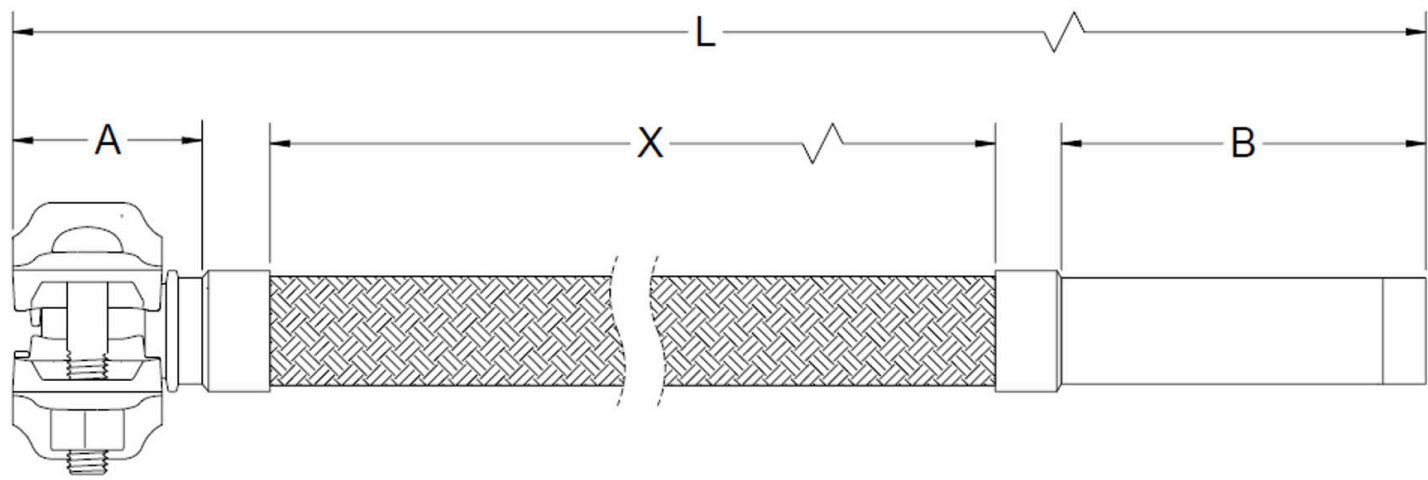


Fig. 20XXSF-CS-SLT Dimensions & Model Number

Asembly Length	True Length (L)		Braid Length (X)		Inlet Nipple Length (A)		Outlet Drop Length (B)		FlexHead Historical Model Number	
	in	mm	in	mm	in	mm	in	mm	½ NPS Outlet	¾ NPS Outlet
36	34	864	27	686					2036SF-CS-SLT-50	2036SF-CS-SLT-75
48	46	1168	39	991	3.0	76.2	4.3	109.2	2048SF-CS-SLT-50	2048SF-CS-SLT-75
72	70	1778	62	1575					2072SF-CS-SLT-50	2072SF-CS-SLT-75

Fig. 20XXSF-CS-SLT SuperFlex® Confined Space SLT Hose

Installation Instructions

Connection to the Branch

- 1) Slide the 74FP coupling over the grooved end of the outlet until key of the coupling is located over the grooves.
- 2) Tighten nuts equally and alternately (keeping the gaps at the bolt pads evenly spaced), until nuts reach 40–50 ft–lbs.
- 3) **Note:** 74FP installation per 74FP Installation Instructions.

Connection to the Sprinkler Head

- 1) Installation of the sprinkler head into the outlet drop shall be per the sprinkler manufacturer's installation instructions.

Connection to the Bracket

- 1) Installation of the hose to the bracket shall be per the bracket's installation instructions. The bracket shall be listed for installation with the 20XXSF-CS-SLT. See Page 1 for Listed and Approved brackets.

Bending the Hose

- 1) The hose may be bent to ensure the inlet nipple and outlet drop are in the desired locations.
- 2) The hose should never be bent to a radius less than minimum listed bend radius. The bend radius is defined to the center of the hose.
- 3) The hose must have at least one 90° bend. A 90° bend can be achieved with two 45° bends or three 30° bends.
- 4) For best performance, the bends in the hose should be as large and smooth as possible.

General Installation Notes

- 1) Never apply a wrench to the braided hose.
- 2) The Fig 20XXSF-CS-SLT may be installed in any direction from the branch.
- 3) If installing a sprinkler to a bracket after installation, it is best practice to prevent twisting of the bracket and hose by holding the outlet drop with a wrench.