



Sprinkler System Components | Flexible Sprinkler Hose with Fittings | **Flexible Sprinkler Hose with Fittings, Commercial Suspended Ceilings**

Model LF-BTS

Product Description

Model No	NPT		K-Factor	Minimum Bend Radius		Number of Bends	Rated Working Pressure		Hose Assembly Length		Equivalent Length of 1 in. Schedule 40 Pipe	
	in	(mm)		in	(mm)		psi	(kPa)	in	(mm)	ft	(m)
LF-BTS0712	1/2	(15)	5.6	9 7/8	(251)	1	203	(1400)	28	(700)	26.7	(8.1)
LF-BTS1012	1/2	(15)	5.6	9 7/8	(251)	2	203	(1400)	39	(1000)	42.6	(12.9)
LF-BTS1212	1/2	(15)	5.6	9 7/8	(251)	3	203	(1400)	47	(1200)	53.2	(16.2)
LF-BTS1512	1/2	(15)	5.6	9 7/8	(251)	3	203	(1400)	59	(1500)	67.8	(20.6)
LF-BTS1812	1/2	(15)	5.6	9 7/8	(251)	4	203	(1400)	71	(1800)	82.4	(25.1)
LF-BTS0719	3/4	(20)	8.0	9 7/8	(251)	1	203	(1400)	28	(700)	22.1	(6.7)
LF-BTS1019	3/4	(20)	8.0	9 7/8	(251)	2	203	(1400)	39	(1000)	40.6	(12.4)
LF-BTS1219	3/4	(20)	8.0	9 7/8	(251)	3	203	(1400)	47	(1200)	53	(16.1)
LF-BTS1519	3/4	(20)	8.0	9 7/8	(251)	3	203	(1400)	59	(1500)	64.2	(19.6)
LF-BTS1819	3/4	(20)	8.0	9 7/8	(251)	4	203	(1400)	71	(1800)	75.5	(23)
LF-BTS0719	3/4	(20)	11.2	9 7/8	(251)	1	203	(1400)	28	(700)	22	(6.7)
LF-BTS1019	3/4	(20)	11.2	9 7/8	(251)	2	203	(1400)	39	(1000)	41.1	(12.5)
LF-BTS1219	3/4	(20)	11.2	9 7/8	(251)	3	203	(1400)	47	(1200)	53.8	(16.4)
LF-BTS1519	3/4	(20)	11.2	9 7/8	(251)	3	203	(1400)	59	(1500)	64.6	(19.7)
LF-BTS1819	3/4	(20)	11.2	9 7/8	(251)	4	203	(1400)	71	(1800)	75.4	(22.9)
LF-BTS0719	3/4	(20)	14.0	9 7/8	(251)	1	203	(1400)	28	(700)	21.5	(6.5)

Model No	NPT		K-Factor	Minimum Bend Radius		Number of Bends	Rated Working Pressure		Hose Assembly Length		Equivalent Length of 1 in. Schedule 40 Pipe	
	in	(mm)		in	(mm)		psi	(kPa)	in	(mm)	ft	(m)
LF-BTS1019	3/4	(20)	14.0	9 7/8	(251)	2	203	(1400)	39	(1000)	39.6	(12)
LF-BTS1219	3/4	(20)	14.0	9 7/8	(251)	3	203	(1400)	47	(1200)	51.6	(15.7)
LF-BTS1519	3/4	(20)	14.0	9 7/8	(251)	3	203	(1400)	59	(1500)	63.5	(19.3)
LF-BTS1819	3/4	(20)	14.0	9 7/8	(251)	4	203	(1400)	71	(1800)	75.4	(22.9)

1 in. nominal diameter flexible metal hose for providing a connection to automatic sprinklers in T-Bar Grid commercial suspended ceilings. Approval is limited for use in commercial suspended ceilings with the following bracket systems manufactured by Lichfield Fire & Safety Equipment Co Ltd:

- Center Bracket Types: Bellows Bracket (Model: LF-12120), One-Bolt Center Bracket (Model LF-12160), Fast Center Bracket (Model: LF-12220), Side Wall Center Bracket (Model LF-12280), Easy Snap C. Bracket (Model: LF-12320), Universal Center Bracket (Model LF-12380), and Lever Type C. Bracket (Model: LF-12420)
- End Brackets: SS (Model: LF-12110), LS (Model: LF-12210), LS (Model: LF-12230), Hat furring channel S. Bracket (Model: LF-12310) and C Clamp for C/U Shape Beam (Model: LF-12410)
- Brackets LS (Model LF-12210) and LS (Model LF-12230) are FM Approved for wood ceiling joist (studs) installation and commercial suspended ceiling installation.

The naming convention for these flexible hose model designations is as follows:

Marking	Description
LF	LIFECO
B	Braided Flexible Sprinkler Hose
T	Threaded Inlet
S	Straight Nipple
07, 10, 12, 15, 18	Length Code for 700, 1000, 1200, 1500, 1800mm
12, 19	Outlet Size 1/2", 3/4"
Hose Length in mm	
700	28 in.
1000	39 in.
1200	47 in.
1500	59 in.
1800	71 in.

Details

Category	Flexible Sprinkler Hose with Fittings, Commercial Suspended Ceilings
Class of Work	1637 - Flex Spklr Hose with Ftngs
Approval Standard	FM 1637 - Flexible Sprinkler Hose With Threaded End Fittings
Certification Type	FM Approved
Listing Country	United Kingdom
Use	Commercial Suspended Ceilings

Company

Lichfield Fire & Safety
Equipment Co Ltd
Edmund House, 12~22 Newhall
Street, Birmingham, B3 3AS,
United Kingdom