

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

Model LF-BXTE

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-BXTE0712 | 1/2 | (15) | 5.6      | 7                   | (178) | 1               | 203                    | (1395) | 28                   | (700)  | 27.1                                        | (8.3)  |
| LF-BXTE1012 | 1/2 | (15) | 5.6      | 7                   | (178) | 3               | 203                    | (1395) | 39                   | (1000) | 34.2                                        | (10.4) |
| LF-BXTE1212 | 1/2 | (15) | 5.6      | 7                   | (178) | 3               | 203                    | (1395) | 47                   | (1200) | 39.0                                        | (11.9) |
| LF-BXTE1512 | 1/2 | (15) | 5.6      | 7                   | (178) | 4               | 203                    | (1395) | 59                   | (1500) | 46.0                                        | (14.0) |
| LF-BXTE1812 | 1/2 | (15) | 5.6      | 7                   | (178) | 4               | 203                    | (1395) | 71                   | (1800) | 53.1                                        | (16.2) |
| LF-BXTE0719 | 3/4 | (20) | 14.0     | 7                   | (178) | 1               | 203                    | (1395) | 28                   | (700)  | 16.7                                        | (5.1)  |
| LF-BXTE1019 | 3/4 | (20) | 14.0     | 7                   | (178) | 3               | 203                    | (1395) | 39                   | (1000) | 24.1                                        | (7.3)  |
| LF-BXTE1219 | 3/4 | (20) | 14.0     | 7                   | (178) | 3               | 203                    | (1395) | 47                   | (1200) | 29.0                                        | (8.8)  |
| LF-BXTE1519 | 3/4 | (20) | 14.0     | 7                   | (178) | 4               | 203                    | (1395) | 59                   | (1500) | 36.3                                        | (11.1) |
| LF-BXTE1819 | 3/4 | (20) | 14.0     | 7                   | (178) | 4               | 203                    | (1395) | 71                   | (1800) | 43.6                                        | (13.3) |

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), Hat furring channel S. Bracket (Model: LF-12310) and C Clamp for C/U Shape Beam (Model: LF-12410)

Approved when used with BSPT connections & 1-1/4" inlet nipple connections

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

| Marking | Description |
|---------|-------------|
|---------|-------------|

|                    |                                               |
|--------------------|-----------------------------------------------|
| LF                 | LIFECO                                        |
| BX                 | Braided Flexible Sprinkler Hose               |
| T                  | Threaded Inlet                                |
| E                  | Elbow 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<br>Hose with<br>Fittings,<br>Commercial<br>Suspended<br>Ceilings |
| Class of Work      | 1637 - Flex Spklr<br>Hose with Ftngs                                                |
| Approval Standard  | FM 1637 -<br>Flexible Sprinkler<br>Hose With<br>Threaded End<br>Fittings            |
| Certification Type | FM Approved                                                                         |
| Listing Country    | United Kingdom                                                                      |
| Use                | Commercial<br>Suspended<br>Ceilings                                                 |

Company

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