



Strength

Using LIFECO Flexible Sprinkler Hose saves time and cost because the system can be installed in false ceilings without cutting and threading pipes associated with installing a drop, arm-over, and elbows.

LIFECO Flexible Sprinkler Hose makes it possible to test and charge the system with water before installing the ceiling grid. After the ceiling grid is in position, the LIFECO Flexible Sprinkler Hose can be reshaped to suit the final sprinkler location without draining the system.

LIFECO Flexible Sprinkler Hose is installed quickly without large and expensive tools. Ideal applications include offices, schools, libraries, hospitals, and shopping complexes.

Description

LIFECO Flexible Sprinkler Hose, is designed to be used in wet sprinkler systems between the branchline and sprinkler when installed in accordance with NFPA 13, 13D, and 13R.

It provides a unique sprinkler drop assembly comprised of the following components:

- Stainless Steel Flexible Hose with Two Slip Nuts
- Branchline Inlet Nipple
- Straight Sprinkler Reducer
- Reducer Bracket, Bar Fixing Clamps, and Support Bar

Features

Hose Diameter: 24.2 mm (3/4" - DN20, Down-Sized Products)

Max. Working Pressure: 200psi

Materials: Stainless Steel 304

PN Composition

LP : LIFECO Product - Flexible Sprinkler Hose

N/B : N - Non-braided Type / B - Braided Type

C/D : C - Non-Braided 24.2 mm / D - Braided 24.2 mm

XXX : Length (mm - 700, 1000, 1200, 1500, 1800mm

XX - Outlet Size (mm - 12 / 19)

Specification

Hose Diameter	25	I.D: 24.2mm O.D: 24.8mm
Hose Type	Unbraided or Braided Type	
Max. Ambient Temperature	225°F (107°C)	
Max. Working Pressure	200 psi	
Minimum Bend Radius	4 Inch (UL)	
K-Factor	1/2" Outlet	5.6 gpm - Unbraided 8.0 gpm - Braided
	3/4" Outlet	8.0 gpm - Unbraided 14.0 gpm - Braided
Length Available	700mm, 1000mm, 1200mm, 1500mm, 1800mm	
Connection	Inlet Nipple	1" NPT / BSPT
	Outlet Reducer	1/2" or 3/4" NPT / BSPT



Flexible Sprinkler Hose With Fittings

Model No: LPN-CXXX-XX & LPB-DXXX-XX

Technical Data (Unbraided)

Model	Rated Pressure, psig	Nom Inlet by Outlet Size, in.	Assembly length, ft (mm)	Max No. of 90° Bends	Min Bend Radius, in	Equivalent Length of 1 in. Schedule 40 Steel Pipe(c=120), ft
LPN-C700-12	200	1 x 1/2	2.3 (700)	2	4	33
LPN-C1000-12	200	1 x 1/2	3.3 (1000)	3	4	57
LPN-C1200-12	200	1 x 1/2	3.9 (1200)	3	4	68
LPN-C1500-12	200	1 x 1/2	4.9 (1500)	3	4	82
LPN-C1800-12	200	1 x 1/2	5.9 (1800)	3	4	98
LPN-C700-19	200	1 x 3/4	2.3 (700)	2	4	38
LPN-C1000-19	200	1 x 3/4	3.3 (1000)	3	4	62
LPN-C1200-19	200	1 x 3/4	3.9 (1200)	3	4	73
LPN-C1500-19	200	1 x 3/4	4.9 (1500)	3	4	89
LPN-C1800-19	200	1 x 3/4	5.9 (1800)	3	4	104

Technical Data (Braided)

Model	Rated Pressure, psig	Nom Inlet by Outlet Size, in.	Assembly length, ft (mm)	Max No. of 90° Bends	Min Bend Radius, in	Equivalent Length of 1 in. Schedule 40 Steel Pipe(c=120), ft
LPB-D700-12	200	1 x 1/2	2.3 (700)	2	4	33
LPB-D1000-12	200	1 x 1/2	3.3 (1000)	3	4	57
LPB-D1200-12	200	1 x 1/2	3.9 (1200)	3	4	68
LPB-D1500-12	200	1 x 1/2	4.9 (1500)	3	4	82
LPB-D1800-12	200	1 x 1/2	5.9 (1800)	3	4	98
LPB-D700-19	200	1 x 3/4	2.3 (700)	2	4	38
LPB-D1000-19	200	1 x 3/4	3.3 (1000)	3	4	62
LPB-D1200-19	200	1 x 3/4	3.9 (1200)	3	4	73
LPB-D1500-19	200	1 x 3/4	4.9 (1500)	3	4	89
LPB-D1800-19	200	1 x 3/4	5.9 (1800)	3	4	104