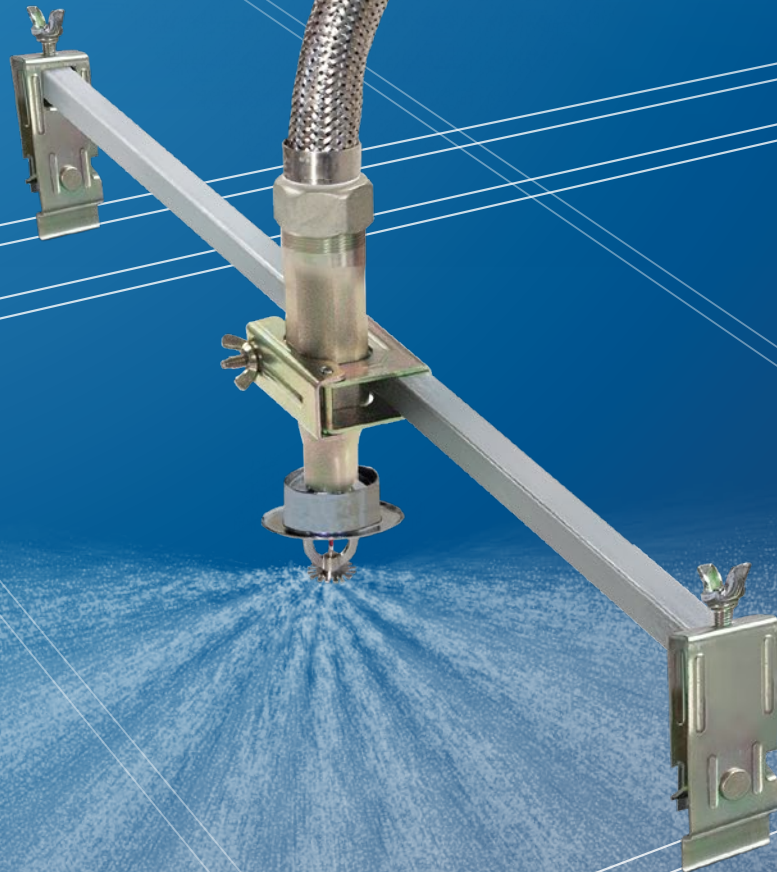


# FLEXIBILITY

WITH ITS OWN ADVANTAGE



# GILPRO

— Braided and Unbraided —

## Flexible Sprinkler Hose





# Flexible Sprinkler Hose

Flexible Hose connections are intended for installation in wet sprinkler systems between the branch line and sprinkler. The installation shall be in accordance with NFPA 13.

## Economic Efficiency:

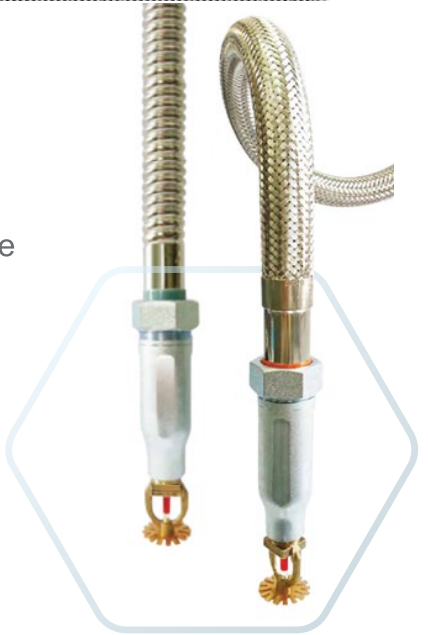
Cost reduction in labour and other costs.

## Convenient Construction:

Flexibility enhances field adaptability

## Corrosion Resistance:

Made of stainless steel, to prevent corrosion.



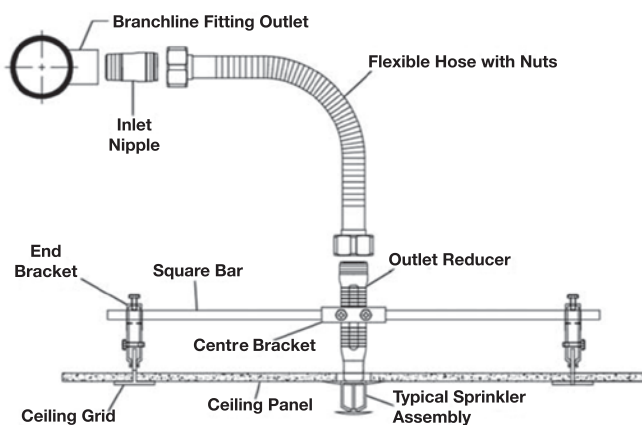
Braided Flexible Hose



Unbraided Flexible Hose



## SPECIFICATIONS



Flexible Hose Installation

## MATERIAL OF CONSTRUCTION

- **Flexible Tube:** AISI 304 Stainless Steel
- **Braid:** AISI 304 Stainless Steel
- **Outlet Extension Nipple:** Steel with Zinc Plating
- **Inlet Nipple:** Steel with Zinc Plating
- **Outlet Reducer:** Steel with Zinc Plating
- **Centre & End Brackets:** Steel with Zinc Plating
- **Support Square Bar:** Steel with Zinc Plating
- **Isolation Ring:** Nylon 6

## TECHNICAL SPECIFICATIONS

	Braided Flexible Hose	Unbraided Flexible Hose
• Diameter	» 28 mm outside diameter	» 26 mm outside diameter
• Available Lengths	» 700mm/1000mm/1200mm/1500mm/1800mm	» 700mm/1000mm/1200mm/1500mm/1800mm
• Inlet Size	» 1" NPT - male threads	» 1" NPT - male threads
• Outlet Reducer	» 1/2" NPT - female threads	» 1/2" NPT - female threads
• Intended Application	» Direct connection to wet fire sprinkler system	» Direct connection to wet fire sprinkler system
• Maximum Working Pressure	» 200 psi (14 bar)	» 200 psi (14 bar)
• Maximum Ambient Temp.	» 225 °F (107 °C)	» 225 °F (107 °C)
• Minimum Bend	» 12" (305 mm) radius	» 12" (305 mm) radius
• Approvals	» UL and FM Approval	» UL Approval



### Braided Flexible Hose

Model	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
GIL-SB1-700 Braided	1 X 1/2	2.3 (700)	2	5	33
GIL-SB1-1000 Braided	1 X 1/2	3.3 (1000)	3	5	65
GIL-SB1-1200 Braided	1 X 1/2	3.9 (1200)	3	5	67
GIL-SB1-1500 Braided	1 X 1/2	4.9 (1500)	3	5	84
GIL-SB1-1800 Braided	1 X 1/2	5.9 (1800)	3	5	101
GIL-DB3-700 Braided	1 X 1/2	2.3 (700)	3	3	18
GIL-DB3-1000 Braided	1 X 1/2	3.3 (1000)	5	3	23
GIL-DB3-1200 Braided	1 X 1/2	3.9 (1200)	7	3	29
GIL-DB3-1500 Braided	1 X 1/2	4.9 (1500)	9	3	39
GIL-DB3-1800 Braided	1 X 1/2	5.9 (1800)	12	3	50

### Unbraided Flexible Hose

Model	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
GIL-S1-700 Unbraided	1 X 1/2	2.3 (700)	2	5	33
GIL-S1-1000 Unbraided	1 X 1/2	3.3 (1000)	3	5	65
GIL-S1-1200 Unbraided	1 X 1/2	3.9 (1200)	3	5	67
GIL-S1-1500 Unbraided	1 X 1/2	4.9 (1500)	3	5	84
GIL-S1-1800 Unbraided	1 X 1/2	5.9 (1800)	3	5	101
GIL-D-700 Unbraided	1 X 1/2	2.3 (700)	2	4	32
GIL-D-1000 Unbraided	1 X 1/2	3.3 (1000)	3	4	55
GIL-D-1200 Unbraided	1 X 1/2	3.9 (1200)	3	4	64
GIL-D-1500 Unbraided	1 X 1/2	4.9 (1500)	3	4	75
GIL-D-1800 Unbraided	1 X 1/2	5.9 (1800)	3	4	81

## INSTALLATION INSTRUCTIONS:



**STEP 1:**  
Inspect the hose thoroughly for signs of physical damage, if any



**STEP 2:**  
Inspect the isolation rings for signs of physical damage, if any



**STEP 3:**  
Connect the reducer to the nut using a wrench  
• Torque for connecting nut and reducer - 300 kgf.cm



**STEP 4:**  
Wind the teflon tape on the inlet nipple thread. Connect the inlet nipple to the branch line using a pipe wrench  
• Torque for nipple + main pipe: 950 ~ 1000 kgf.cm

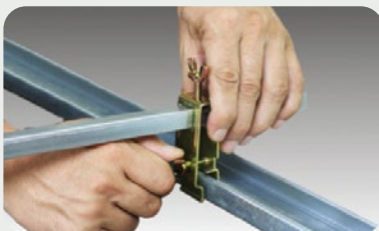


**STEP 5:**  
Connect the flexible hose to the outer nipple  
• Torque for nut: 320 kgf.cm

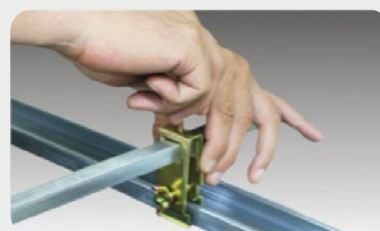
**Warning: DO NOT wind teflon tape on the outer nipple thread while connecting to the flexible hose.**



**STEP 6:**  
Place two end brackets to the aimed position of rails on suspended ceiling properly



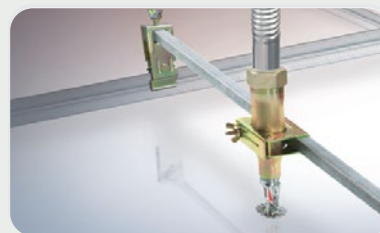
**STEP 7:**  
Assemble two end brackets and a center bracket to the square bar



**STEP 8:**  
Tighten wing nuts/screw nuts to a torque of 20 ~ 25 kgf.cm



**STEP 9:**  
Locate the center bracket to a desired position of the square bar and join the reducing nipple to center bracket.  
Tighten the wing nut/screw nuts to a torque of 25 ~ 30 kgf.cm



**STEP 10:**  
Check if all the parts are securely tightened and well connected. Install sprinkler to the reducing nipple of the flexible hose.

A **GUNNEBO**® BRAND

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