

# Easyflex

TM

## Flexible Sprinkler Hose

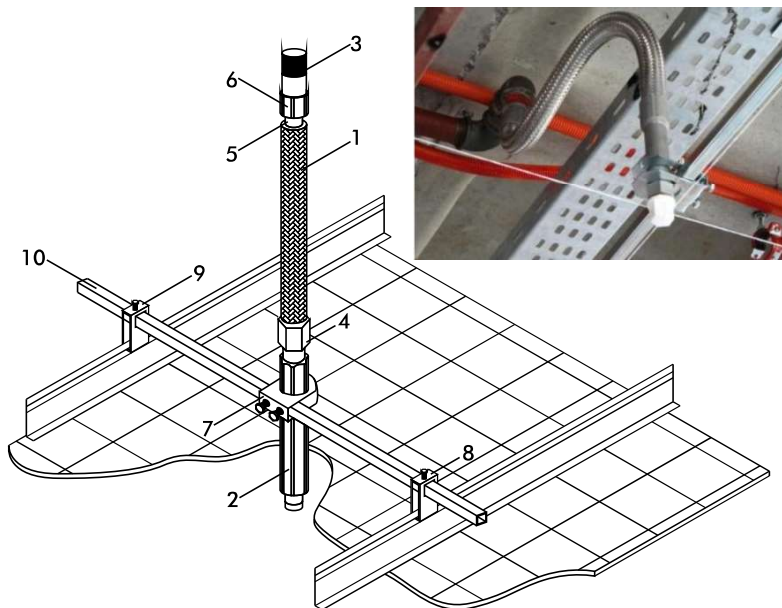
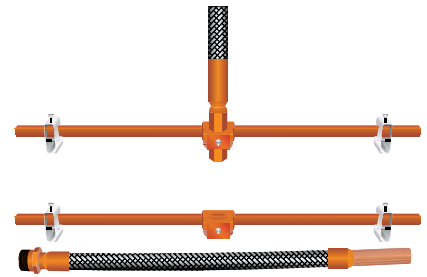


The flexible sprinkler hose is a material of fire fighting equipment for the initial-attack of a fire. In a sprinkler system, this flexible hose links fire protection piping to the sprinkler head.

- Economic efficiency : Cost reduction in labor and other costs.
- Convenient construction : The product's great flexibility enhance field-adaptability.
- Excellent corrosion resistance : The corrugated tube is made of stainless steel.
- Perfect insulation between parts completely eliminates defective factors.
- Excellence in quality : KFI Test passed, UL & FM Certified.

The brand is assured by KOTRA. Developed by the company's R & D center with 20-year know-how, the product delivers good performance.

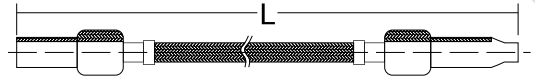
Model No.	Non. Inlet Outed Size (n)	Assembly Lenth (inch)	Max. No. of 90° Bends	Equivalent Length of 1 in. Schedule 40 steel pipe
<b>BRAIDED</b>				
KIC-32B-700	1 x 1/2	28	1	26
KIC-32B-1000	1 x 1/2	40	1	36
KIC-32B-1200	1 x 1/2	48	3	67
KIC-32B-1500	1 x 1/2	60	3	84
KIC-32B-1800	1 x 1/2	72	3	101
<b>UNBRAIDED</b>				
KIC-32S-700	1 x 1/2	28	1	32
KIC-32S-1000	1 x 1/2	40	1	42
KIC-32S-1200	1 x 1/2	48	3	73
KIC-32S-1500	1 x 1/2	60	3	77
KIC-32S-1800	1 x 1/2	72	3	105



Item No.	Description	Material
1	Flexible Tube	STS304
2	Reducer	SPHT2
3	Nipple	SPHT2
4	Nut	SWRM6K
5	Isolation Ring	Polyamide6
6	O-Ring	NBR or EPDM
7	Bracket L	SPCC
8	Bracket S	SPCC
9	Square Bar	SGCC
10	Bolt	SWCH 10A



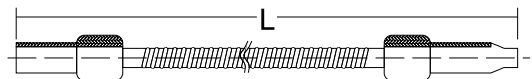
## KIC-32B Braided Type



Model No.	KIC-32B-700	KIC-32B-1000	KIC-32B-1200	KIC-32B-1500	KIC-32B-1800
Length	28"	40"	48"	60"	72"

\*Standard outside order production

## KIC-32S Unbraided Type



Model No.	KIC-32S-700	KIC-32S-1000	KIC-32S-1200	KIC-32S-1500	KIC-32S-1800
Length	28"	40"	48"	60"	72"

\*Standard outside order production

## Specification

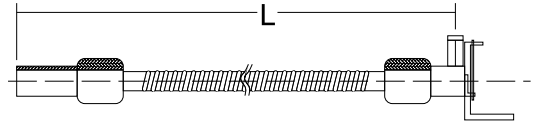
- Inlet : 1" PT or 1" NPT
- Outlet : 1/2" (3/4")PT or 1/2" (3/4")NPT
- System : Dry & Wet System
- Square Bar : 28" - 60"

## Accessories





## KIC-SPJ-A Type

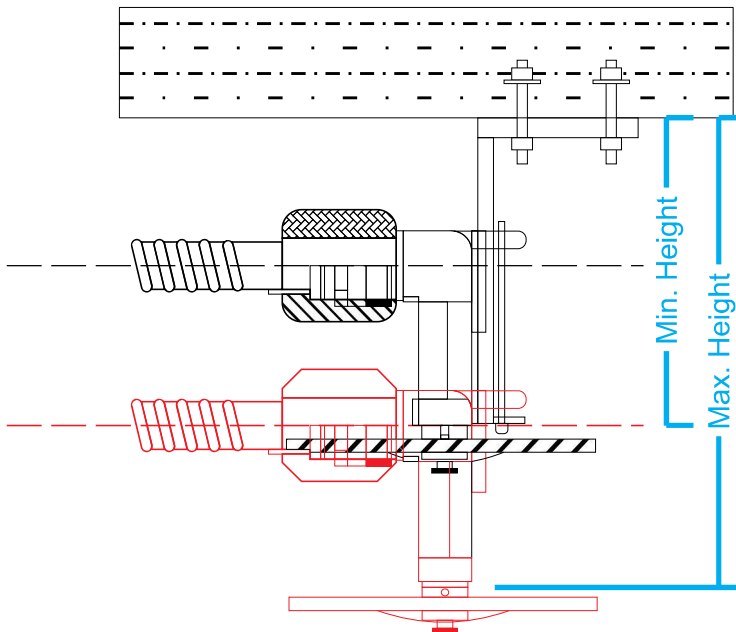


Model No. KIC-SPJ-A500 KIC-SPJ-A700 KIC-SPJ-A1000 KIC-SPJ-1200 KIC-SPJ-A1500 KIC-SPJ-A1800 KIC-SPJ-A2000 KIC-SPJ-A3000

Length	20"	28"	40"	48"	60"	72"	80"	120"
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\*Standard outside order production

## APT Type Bracket Installation Instruction

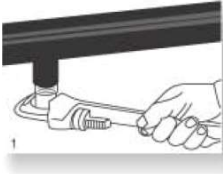


### Specification

- Inlet : 1" PT or W/D Type
- Outlet : 1/2" PT
- System : Dry & Wet System
- Max. Pressure : 14 Kg/cm<sup>2</sup>

## Height Range of the Bracket for Apartment

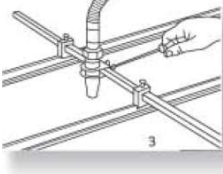
Bracket Length	Standards	A	B	C	D	E	F
Brass Elbow	Min. height	3.15"	3.94"	4.72"	5.91"	7.09"	7.87"
	Mix. height	4.33"	5.12"	5.91"	7.09"	8.27"	9.06"
A105 Elbow	Min. height	3.15"	3.94"	4.72"	5.91"	7.09"	7.87"
	Mix. height	5.31"	6.10"	6.89"	8.07"	9.25"	10.04"



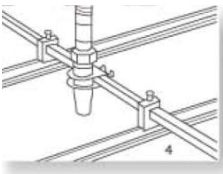
- Connect the nipple to the water branch line. Connect sprinkler flexible hose to nipple. Apply an aerobic pipe joint compound or Teflon tape to the branch line threads of the nipple. Secure firmly with pipe wrench for leak proof connection (Main Pipe+Nipple torque : 850 900 kg.cm Nut + Nipple Nut + Reducer Torque : 200 kg.cm). At this stage of installation, bolts needs to be fastened loosely. (bracket(S) Torque : 45 kg.cm)



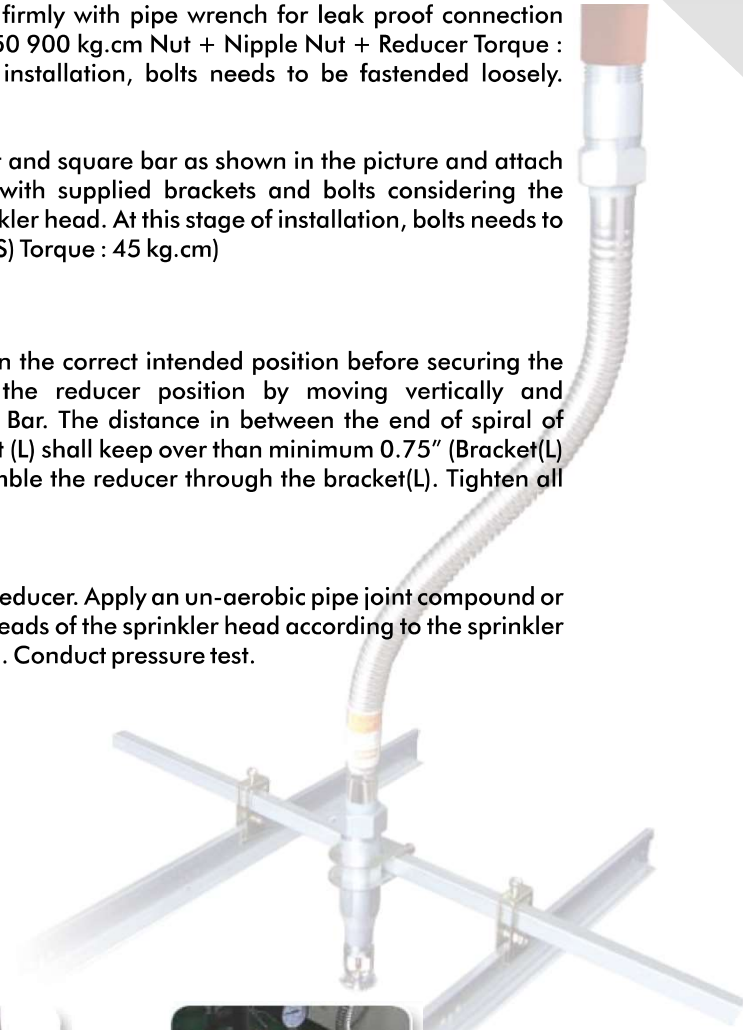
- Assemble the supplied bracket and square bar as shown in the picture and attach the square Bar to the T-bar with supplied brackets and bolts considering the horizontal location of the sprinkler head. At this stage of installation, bolts needs to be fastened loosely. (bracket(S) Torque : 45 kg.cm)



- Verify that reducer is located in the correct intended position before securing the bracket. Check and adjust the reducer position by moving vertically and horizontally along the square Bar. The distance in between the end of spiral of reducer and the side of bracket (L) shall keep over than minimum 0.75" (Bracket(L) torque : 65kg.cm) when assemble the reducer through the bracket(L). Tighten all the bolts securely and evenly.



- Connect sprinkler head to the reducer. Apply an un-aerobic pipe joint compound or Teflon taps to the NPT male threads of the sprinkler head according to the sprinkler head manufacture's instruction. Conduct pressure test.



## Product Test



**Leak Test**



**Salt Spray Test**



**Bending Test**



**Fitting & Vibration Test**



**Pressure Stress Test**



**Pressure & Cycling Test**