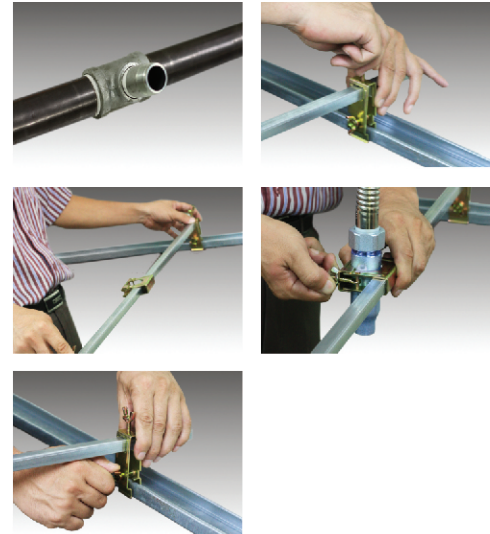


# FLEXIBLE AND PROBLEM FREE ASSEMBLY INSTRUCTIONS

**AGFLEX brackets are very easy and simple to install Flexible sprinkler joints to suspended ceiling. Its open cap design of center bracket solves all the problems that arise when installing Flexible sprinkler joints to ceiling.**

1. Connect the cranch line connection nipple to the branch line.
2. Connect the nut of the flexible joint to the reducing nipple.
3. Tighten the nut of the flexible joint to the reducing nipple.
4. Assemble two end brackets and a center bracket to a square bar.  
Place two end brackets to the aimed position of the rails of suspended ceiling properly and tighten wing nuts to a torque of 20-25 kgf.cm
5. Locate the center bracket to a desired position of the square bar and join the Reducing nipple to the center bracket. Tighten the nut to a torque of 20-30 kgf.cm
6. Joint a sprinkler to the reducing nipple of the flexible joint.  
The sprinkler can be installed to the reducing nipple on the floor in advance.



## STANDARD

**AGFLEX Flexible sprinkler Joint is designed in accordance with NFPA 13, 13D and 13R for limited flexible application.**

## CERTIFICATION

**AGFLEX products presented here are listed and approved by various fire protection approval laboratories and organizations.**



## TECHNICAL DATA

Temperature	225° F	
Working pressure	175 psi	
Maximum Bend Radius	4" (UL type)	5.6 gpm
K - Factor	1/2" Outlet	11.2 gpm (UL)
	3/4" Outlet	

## FRICTION LOSS DATA

Length	Nominal Inlet by Outlet Size, in.	Assembly Length, (units)	Max No. of 90	Min Bend Radius (Units)	Equivalent Length of 1 in. Sechdule 40 Steel Pipe (C = 120), ft
700	1/2 " , 3/4"	700	UL (1)	100	UL Type (24, 30)
1000	1/2 " , 3/4"	1000	UL (2)	100	UL Type (44, 48)
1200	1/2 " , 3/4"	1200	UL (2)	100	UL Type (49, 55)
1500	1/2 " , 3/4"	1500	UL (2)	100	UL Type (59, 64)
1800	1/2 " , 3/4"	1800	UL (3)	100	UL Type (84, 86)

## FEATURES

Length	700, 1000, 1200, 1500, 1800 mm	
Reducing nipple Dia	1/2", 3/4" NPT or BSPT (Straight or 90 Degree elbow)	
Type	Unbraided	UL Certificate
	Braided ( Ø 26.8)	UL Approval