

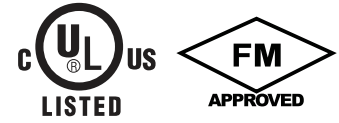
FLEXIBLE SPRINKLER CONNECTOR

Fig No.: QF-1000 / QF-1000E



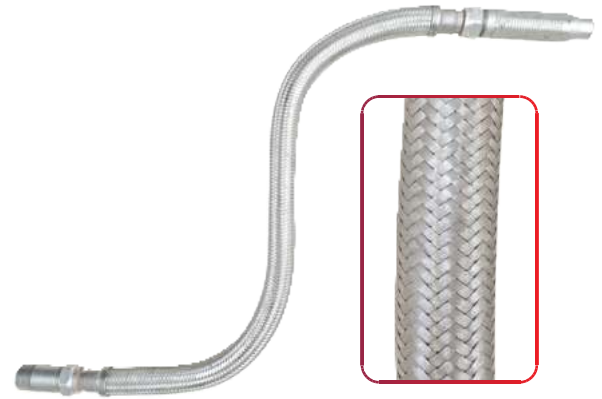
FEATURES & SPECIFICATIONS

- QF-1000 : Braided hose
- QF-1000E : Braided hose with elbow nipple
- Anchoring components are intended for use with drop ceilings conforming to ASTM C635 and other major roof ceiling grid systems
- Standard practice for installation on metal ceiling suspension
- Applicable for acoustical tiles and lay-in panels, ASTM C636 or other equivalent standards
- Designed for use in wet and dry systems



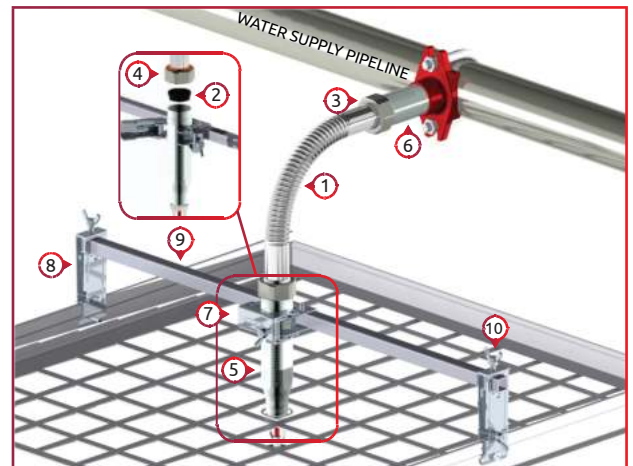
TECHNICAL DATA

- Working pressure : 200psi
- Burst pressure : 875psi
- Max. ambient temperature : 150°F / 66°C
- Connection : DN25 x DN15 (1" x 1/2") / DN25 x DN20 (1" x 3/4"), NPT or BSPT
- Hose Diameter : O.D. 26.8mm (1-1/16")
Flow diameter 21.0mm (13/16")



COMPONENTS & MATERIALS

No	Qty	Name	Material
1	1	Corrugated Hose	AISI 304 Stainless Steel
2	2	Sealing O-Ring	EPDM
3	2	Isolation Ring	Nylon 66
4	2	Slip Nut	Carbon Steel ASTM 1020#, Zinc-plated
5	1	Discharge Nipples	Carbon Steel ASTM 1020#, Zinc-plated
6	1	Inlet Nipples	Carbon Steel ASTM 1020#, Zinc-plated
7	1	Center Brackets	Carbon Steel ASTM A283M, Zinc-plated
8	2	Side Brackets	Carbon Steel ASTM A283M, Zinc-plated
9	1	Square Bar	Carbon Steel ASTM A283M, Zinc-plated
10	1 Set	Hexagon Screws (Options for wing screws)	Carbon Steel ASTM A283M, Zinc-plated



TECHNICAL DATA

Assembling Length (mm / inch)	Sprinkler Thread Size (mm / inch)	FM Approval Data				QF-1000		QF-1000E		cULus Listing Data			
		Max. allow. Sprinkler K-Factor (Metric / Impri.)	Max. no. of 90° bends (n x 90°)	Min. Bending Radius (mm / inch)	Equivalent Length of 1" / 33.7mm SCH40 Pipe (feet / meters)	Equivalent Length of 1" / 33.7mm SCH40 Pipe (feet / meters)	Max. allow. Sprinkler K-Factor (Metric / Impri.)	Max. no. of 90° bends (n x 90°)	Min. Bending Radius (mm / inch)	Equivalent Length of 1" / 33.7mm SCH40 Pipe (feet / meters)			
700 / 28	15 / 1/2	115 / 8.0	1	250 / 9.8	26.7 / 8.1	26.5 / 8.0	81 / 5.6	2	100 / 3.9	25.0 / 7.6			
	20 / 3/4	202 / 14.0			21.5 / 6.5	16.8 / 5.1	115 / 8.0			21.0 / 6.4			
1000 / 40	15 / 1/2	115 / 8.0	2	250 / 9.8	42.6 / 12.9	40.8 / 12.4	81 / 5.6	3	100 / 3.9	33.0 / 10.1			
	20 / 3/4	202 / 14.0			39.6 / 12.0	34.2 / 10.5	115 / 8.0			36.0 / 11.0			
1200 / 48	15 / 1/2	115 / 8.0	3	250 / 9.8	53.2 / 16.2	50.4 / 15.4	81 / 5.6	3	100 / 3.9	39.0 / 11.9			
	20 / 3/4	202 / 14.0			51.6 / 15.7	45.8 / 13.9	115 / 8.0			43.0 / 13.1			
1500 / 60	15 / 1/2	115 / 8.0	4	250 / 9.8	67.8 / 20.6	65.7 / 20.0	81 / 5.6	3	100 / 3.9	50.0 / 15.2			
	20 / 3/4	202 / 14.0			63.5 / 19.3	58.7 / 17.9	115 / 8.0			52.0 / 15.8			
1800 / 72	15 / 1/2	115 / 8.0	4	250 / 9.8	82.4 / 25.1	81.0 / 24.6	81 / 5.6	3	100 / 3.9	58.0 / 17.7			
	20 / 3/4	202 / 14.0			75.4 / 22.9	71.5 / 21.7	115 / 8.0			63.0 / 19.2			

Results are tested & recorded by cULus under minimum bending radius in maximum bending degrees. UL listing the maximum anchoring space between two side brackets is 610mm / 24 inches.

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