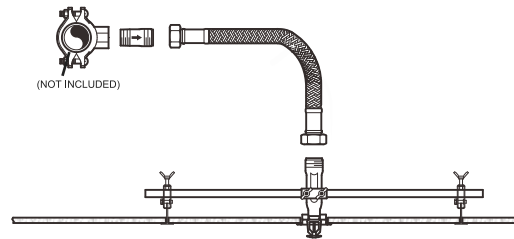


Braided flexible sprinkler hose and fittings assembly

Braided flexible sprinkler hose and fittings assembly consists of a braided corrugated hose, inlet fitting to connect the branch line, outlet fitting to connect the sprinkler, and bracket assembly to mount on the ceiling.



- Certificate: UL Listed / FM Approved
- Standard: UL 2443, NFPA 13
- Feature: Limited flexibility, braided
- Hose diameter: OD 1-1/16", and ID 13/16"
- Ambient temp: Max 66°C
- W. pressure: 203 psi



Main parts and material

Flexible hose	SS304 corrugated hose, SS304 braiding, with nuts and sealing rings	Inlet nipple	Zinc plated carbon steel
Outlet reducer	Zinc plated carbon steel Direction: Straight / 90°elbow	Bracket assembly	Square bar, center & end brackets, and bolts, all zinc plated carbon steel

Available size

Assembly length (mm)	Inlet x Outlet	Nominal K-Factor	Min bend radius (in)		Equivalent length (ft)		Working pressure (psi)	Ref. No.
			UL	FM	UL	FM		
700	1" x 1/2", NPT or BSPT	K5.6 (K80)	3.9	9-7/8	25	26.7	203	S9301 (UL/FM)
1000	1" x 1/2", NPT or BSPT	K5.6 (K80)	3.9	9-7/8	33	42.6	203	S9302 (UL/FM)
1200	1" x 1/2", NPT or BSPT	K5.6 (K80)	3.9	9-7/8	39	53.2	203	S9303 (UL/FM)
1500	1" x 1/2", NPT or BSPT	K5.6 (K80)	3.9	9-7/8	50	67.8	203	S9304 (UL/FM)
1800	1" x 1/2", NPT or BSPT	K5.6 (K80)	3.9	9-7/8	58	82.4	203	S9305 (UL/FM)
700	1" x 3/4", NPT or BSPT	K8.0 (K115)	3.9	9-7/8	21	22.1	203	S9306 (UL/FM)
1000	1" x 3/4", NPT or BSPT	K8.0 (K115)	3.9	9-7/8	36	40.6	203	S9307 (UL/FM)
1200	1" x 3/4", NPT or BSPT	K8.0 (K115)	3.9	9-7/8	43	53.0	203	S9308 (UL/FM)
1500	1" x 3/4", NPT or BSPT	K8.0 (K115)	3.9	9-7/8	52	64.2	203	S9309 (UL/FM)
1800	1" x 3/4", NPT or BSPT	K8.0 (K115)	3.9	9-7/8	63	75.5	203	S9310 (UL/FM)
700	1" x 3/4", NPT or BSPT	K11.2 (K161)	/	9-7/8	/	22.0	203	S9311 (FM)

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Available size

Assembly length (mm)	Inlet x Outlet	Nominal K-Factor	Min bend radius (in)		Equivalent length (ft)		Working pressure (psi)	Ref. No.
			UL	FM	UL	FM		
1000	1" x 3/4", NPT or BSPT	K11.2 (K161)	/	9-7/8	/	41.1	203	S9312 (FM)
1200	1" x 3/4", NPT or BSPT	K11.2 (K161)	/	9-7/8	/	53.8	203	S9313 (FM)
1500	1" x 3/4", NPT or BSPT	K11.2 (K161)	/	9-7/8	/	64.6	203	S9314 (FM)
1800	1" x 3/4", NPT or BSPT	K11.2 (K161)	/	9-7/8	/	75.4	203	S9315 (FM)
700	1" x 3/4", NPT or BSPT	K14.0 (K202)	/	9-7/8	/	21.5	203	S9316 (FM)
1000	1" x 3/4", NPT or BSPT	K14.0 (K202)	/	9-7/8	/	39.6	203	S9317 (FM)
1200	1" x 3/4", NPT or BSPT	K14.0 (K202)	/	9-7/8	/	51.6	203	S9318 (FM)
1500	1" x 3/4", NPT or BSPT	K14.0 (K202)	/	9-7/8	/	63.5	203	S9319 (FM)
1800	1" x 3/4", NPT or BSPT	K14.0 (K202)	/	9-7/8	/	75.4	203	S9320 (FM)

Note:

1. For pressure loss of hydraulic design calculation, it is published in equivalent length in 1" (DN25) x Sch40 steel pipe (C=120).
2. If outlet reducer is 90° elbow, it's only FM certificated.