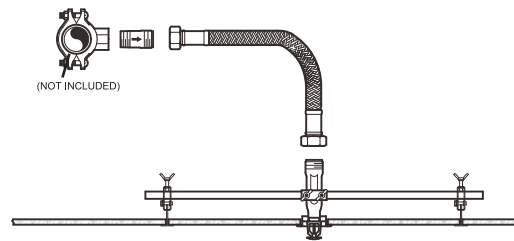


Enlarged braided flexible sprinkler hose and fittings assembly

Enlarged 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 1-3/8", and ID 1"
- 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)	2	7	18	13.5	203	S9401 (UL/FM)
1000	1" x 1/2", NPT or BSPT	K5.6 (K80)	2	7	24	21.4	203	S9402 (UL/FM)
1200	1" x 1/2", NPT or BSPT	K5.6 (K80)	2	7	37	26.7	203	S9403 (UL/FM)
1500	1" x 1/2", NPT or BSPT	K5.6 (K80)	2	7	49	34.7	203	S9404 (UL/FM)
1800	1" x 1/2", NPT or BSPT	K5.6 (K80)	2	7	52	42.6	203	S9405 (UL/FM)
700	1" x 3/4", NPT or BSPT	K8.0 (K115)	2	7	18	13.0	203	S9406 (UL/FM)
1000	1" x 3/4", NPT or BSPT	K8.0 (K115)	2	7	24	20.8	203	S9407 (UL/FM)
1200	1" x 3/4", NPT or BSPT	K8.0 (K115)	2	7	37	26.0	203	S9408 (UL/FM)
1500	1" x 3/4", NPT or BSPT	K8.0 (K115)	2	7	49	33.8	203	S9409 (UL/FM)
1800	1" x 3/4", NPT or BSPT	K8.0 (K115)	2	7	52	41.7	203	S9410 (UL/FM)
700	1" x 3/4", NPT or BSPT	K11.2 (K161)	2	7	18	12.8	203	S9411 (UL/FM)
1000	1" x 3/4", NPT or BSPT	K11.2 (K161)	2	7	24	20.6	203	S9412 (UL/FM)

Enlarged braided flexible sprinkler hose and fittings assembly

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		
1200	1" x 3/4", NPT or BSPT	K11.2 (K161)	2	7	37	25.8	203	S9413 (UL/FM)
1500	1" x 3/4", NPT or BSPT	K11.2 (K161)	2	7	49	33.6	203	S9414 (UL/FM)

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		
1800	1" x 3/4", NPT or BSPT	K11.2 (K161)	2	7	52	41.5	203	S9415 (UL/FM)
700	1" x 3/4", NPT or BSPT	K14.0 (K202)	2	7	18	13.0	203	S9416 (UL/FM)
1000	1" x 3/4", NPT or BSPT	K14.0 (K202)	2	7	24	20.7	203	S9417 (UL/FM)
1200	1" x 3/4", NPT or BSPT	K14.0 (K202)	2	7	37	25.9	203	S9418 (UL/FM)
1500	1" x 3/4", NPT or BSPT	K14.0 (K202)	2	7	49	33.7	203	S9419 (UL/FM)
1800	1" x 3/4", NPT or BSPT	K14.0 (K202)	2	7	52	41.5	203	S9420 (UL/FM)
700	1" x 1", NPT or BSPT	K19.6 (K283)	/	7	/	11.8	203	S9421 (FM)
1000	1" x 1", NPT or BSPT	K19.6 (K283)	/	7	/	20.2	203	S9422 (FM)
1200	1" x 1", NPT or BSPT	K19.6 (K283)	/	7	/	15.8	203	S9423 (FM)
1500	1" x 1", NPT or BSPT	K19.6 (K283)	/	7	/	34.2	203	S9424 (FM)
1800	1" x 1", NPT or BSPT	K19.6 (K283)	/	7	/	42.6	203	S9425 (FM)
700	1" x 1", NPT or BSPT	K22.4 (K323)	/	7	/	12.0	203	S9426 (FM)
1000	1" x 1", NPT or BSPT	K22.4 (K323)	/	7	/	20.3	203	S9427 (FM)
1200	1" x 1", NPT or BSPT	K22.4 (K323)	/	7	/	25.9	203	S9428 (FM)
1500	1" x 1", NPT or BSPT	K22.4 (K323)	/	7	/	34.2	203	S9429 (FM)
1800	1" x 1", NPT or BSPT	K22.4 (K323)	/	7	/	42.5	203	S9430 (FM)
700	1" x 1", NPT or BSPT	K25.2 (K363)	/	7	/	11.6	203	S9431 (FM)
1000	1" x 1", NPT or BSPT	K25.2 (K363)	/	7	/	20.0	203	S9432 (FM)
1200	1" x 1", NPT or BSPT	K25.2 (K363)	/	7	/	25.6	203	S9433 (FM)
1500	1" x 1", NPT or BSPT	K25.2 (K363)	/	7	/	34.0	203	S9434 (FM)
1800	1" x 1", NPT or BSPT	K25.2 (K363)	/	7	/	42.4	203	S9435 (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.