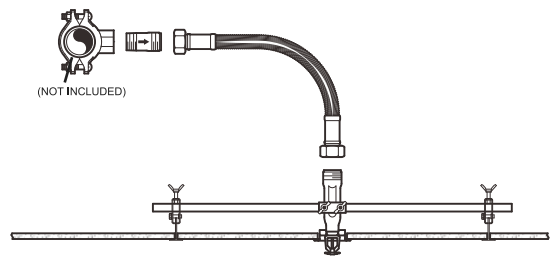


Unbraided flexible sprinkler hose and fittings assembly

Unbraided flexible sprinkler hose and fittings assembly consists of an unbraided 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
- Standard: UL 2443, NFPA 13
- Feature: Limited flexibility, unbraided
- Hose diameter: OD 1-1/16", and ID 7/8"
- Ambient temp: Max 66°C / Max 107°C
- W. pressure: 203 psi



Main parts and material

Flexible hose	SS304 corrugated hose, no 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 (Source 1 with Max 66°C)

Assembly length (mm)	Inlet x Outlet	Nominal K-Factor	Min bend radius (in)	Equivalent length (ft)	Working pressure (psi)	Ref. No.
700	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	27	203	S9201 (UL)
1000	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	37	203	S9202 (UL)
1200	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	49	203	S9203 (UL)
1500	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	63	203	S9204 (UL)
1800	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	78	203	S9205 (UL)
700	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	28	203	S9206 (UL)
1000	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	41	203	S9207 (UL)
1200	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	47	203	S9208 (UL)
1500	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	64	203	S9209 (UL)
1800	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	80	203	S9210 (UL)

Unbraided flexible sprinkler hose and fittings assembly

Available size (Source 1 with Max 66°C)

Assembly length (mm)	Inlet x Outlet	Nominal K-Factor	Min bend radius (in)	Equivalent length (ft)	Working pressure (psi)	Ref. No.
700	1" x 3/4", NPT or BSPT	K11.2 (K161)	4	28	203	S9211 (UL)
1000	1" x 3/4", NPT or BSPT	K11.2 (K161)	4	41	203	S9212 (UL)
1200	1" x 3/4", NPT or BSPT	K11.2 (K161)	4	47	203	S9213 (UL)
1500	1" x 3/4", NPT or BSPT	K11.2 (K161)	4	64	203	S9214 (UL)
1800	1" x 3/4", NPT or BSPT	K11.2 (K161)	4	80	203	S9215 (UL)
700	1" x 3/4", NPT or BSPT	K14.0 (K202)	4	28	203	S9216 (UL)
1000	1" x 3/4", NPT or BSPT	K14.0 (K202)	4	41	203	S9217 (UL)
1200	1" x 3/4", NPT or BSPT	K14.0 (K202)	4	47	203	S9218 (UL)
1500	1" x 3/4", NPT or BSPT	K14.0 (K202)	4	64	203	S9219 (UL)
1800	1" x 3/4", NPT or BSPT	K14.0 (K202)	4	80	203	S9220 (UL)

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 ISO certificated.

Available size (Source 2 with Max 107°C)

Assembly length (mm)	Inlet x Outlet	Nominal K-Factor	Min bend radius (in)	Equivalent length (ft)	Working pressure (psi)	Ref. No.
700	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	26	203	S9241 (UL)
1000	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	49	203	S9242 (UL)
1200	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	53	203	S9243 (UL)
1500	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	75	203	S9244 (UL)
1800	1" x 1/2", NPT or BSPT	K5.6 (K80)	4	82	203	S9245 (UL)
700	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	31	203	S9246 (UL)
1000	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	51	203	S9247 (UL)
1200	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	52	203	S9248 (UL)
1500	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	75	203	S9249 (UL)
1800	1" x 3/4", NPT or BSPT	K8.0 (K115)	4	84	203	S9250 (UL)

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 ISO certificated.