



Flexible Sprinkler Hoses | Braided | S-Flex VK32SB

Fireking S-Flex flexible sprinkler hoses are complete assemblies of braided stainless steel hoses allowing the fast and easy installation of sprinklers into commercial false ceilings. The hoses are available with FM approval and in a variety of lengths.



Features & Benefits

- Fast installation sprinklers
- Easy to use fittings
- Tighter bend radius than standard flexible hoses (178 mm vs 230 mm)
- Variety of lengths to suit all situations
- Standard 1,000 mm support bar fits most ceiling grids (longer available on demand)
- Increased number of bends vs standard flexible hoses; up to 4 bends allowed
- Low equivalent length values

Product Data & Part Numbers | FM

Part Number*	Length (mm/')	Outlet Size	Minimum Bend Radius (mm/')	Maximum Number of 90° Bends	Equivalent Length of 1"/DN25 Schedule 40 Steel pipe (C=120) (m/ft)						
					K-Factor 5.6/80	K-Factor 8.0/115	K-Factor 11.2/161	K-Factor 14.0/202	K-Factor 16.8/242	K-Factor 25.2/363	
S-Flex VK32SB-T700(½B)	700/28	½" / DN15	178/7	2	2.6/8.5	2.5/8.3					
S-Flex VK32SB-T1000(½B)	1000/40			3	3.8/12.5	3.8/12.3					
S-Flex VK32SB-T1200(½B)	1200/48			3	4.6/15.2	4.6/15.1					
S-Flex VK32SB-T1500(½B)	1500/60			4	5.8/19.2	5.8/19.1					
S-Flex VK32SB-T1800(½B)	1800/72			4	7.0/23.2	7.0/23.2					
S-Flex VK32SB-T700(¾B)	700/28	¾" / DN20	178/7	2		2.5/8.2	2.5/8.1	2.5/8.1	2.4/8.0		
S-Flex VK32SB-T1000(¾B)	1000/40			3	3.7/12.2	3.7/12.2	3.7/12.2	3.7/12.1			
S-Flex VK32SB-T1200(¾B)	1200/48			3	4.6/15.0	4.6/15.0	4.5/14.9	4.5/14.9			
S-Flex VK32SB-T1500(¾B)	1500/60			4	5.8/19.1	5.8/19.1	5.8/19.0	5.8/19.0			
S-Flex VK32SB-T1800(¾B)	1800/72			4	7.0/23.2	7.0/23.2	7.0/23.1	7.0/23.1			
S-Flex VK32SB-T700(1B)	700/28	1" / DN25	178/7	2						2.3/7.7	
S-Flex VK32SB-T1000(1B)	1000/40			3							3.6/11.9
S-Flex VK32SB-T1200(1B)	1200/48			3							4.4/14.7
S-Flex VK32SB-T1500(1B)	1500/60			4							5.7/18.9
S-Flex VK32SB-T1800(1B)	1800/72			4							7.0/23.1

* Standard Inlet 1" BSPT. For NPT inlet, change suffix to N; e.g. (½B) change to (½N). For 1¼" BSPT, change suffix to K; e.g. (½B) change to (½K).

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Flexible Sprinkler Hoses | Braided | S-Flex VK32SB

Product Data & Part Numbers | UL

Part Number*	Length (mm/')	Outlet Size	Minimum Bend Radius (mm/')	Maximum Number of 90° Bends	Equivalent Length of 1"/DN25 Schedule 40 Steel pipe (C=120) (m/ft)	
					m	ft
S-Flex VK32SB-T700(½B)	700/28	½" / DN15	50.8 / 2	3	0.3	1.0
S-Flex VK32SB-T1000(½B)	1000/40			6	1.8	6.0
S-Flex VK32SB-T1200(½B)	1200/48			9	3.0	10.0
S-Flex VK32SB-T1500(½B)	1500/60			11	4.6	15.0
S-Flex VK32SB-T1800(½B)	1800/72			13	6.1	20.0
S-Flex VK32SB-T700(¾B)	700/28	¾" / DN20	50.8 / 2	3	2.7	9.0
S-Flex VK32SB-T1000(¾B)	1000/40			6	4.6	15.0
S-Flex VK32SB-T1200(¾B)	1200/48			9	5.8	19.0
S-Flex VK32SB-T1500(¾B)	1500/60			11	7.3	24.0
S-Flex VK32SB-T1800(¾B)	1800/72			13	8.8	29.0

* Standard Inlet 1" BSPT. For NPT inlet, change suffix to N; e.g. (½B) change to (½N). For 1¼" BSPT, change suffix to K; e.g. (½B) change to (½K).

SPECIFICATIONS	
Hose Diameter	31.2mm ID / 31.8mm OD
Hose Assembly Lengths (mm)	700, 1000, 1200, 1500, 1800
Hose Type	Braided Annular Corrugated - Threaded or Welded
Hose Material	Stainless Steel 304
Max. Ambient Temperature	107°C / 225°F
Max. Working Pressure	200psi / 14bar
Inlet Nipple	1"/DN25 BSPT (1" NPT, 1¼"/DN32 BSPT, Grooved available on request)
Outlet Reducer	½", ¾", 1" (NPT or BSPT)
Approvals	FM, UL

Product Information | Packaging

Each box of S-Flex hoses contains 10 sets, each of which contains the following:

- Flexible hose
- Inlet nipple: DN25 BSP (standard), refer to table below for other sizes
- Outlet Reducer
- Reducer support bracket (clasp type)
- Bar fixing clamp (1 pair)
- Support bar 1,000 mm (1,500 mm option)

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