

Flexible Metal Hoses

SFH Series



Features

- Stainless steel construction.
- Positive pressure up to 1600psig. (110bar)
- Wide variety of fractional and metric end connections from 1/4" to 2" and 6mm to 38mm.
- Custom options and assemblies available.

Technical Data

Nominal Hose Size in.	HOSE Series	Minimum Bend Radius in. (cm)		Temperature Range °F(°C)	Working Pressure @-325 to 300 °F (-200 to 148°C) psig (bar)	Minimum Burst @70 °F(20°C) psig (bar)
		Static	Dynamic			
1/4	SFH4	0.75 (1.90)	4.33 (11.0)	-325 to 800 (-200 to 426)	1600 (110)	6400 (440)
3/8	SFH6	0.87 (2.21)	5.91 (15.0)		1470 (101)	5880 (405)
1/2	SFH8	1.04 (2.64)	6.50 (16.5)		1110 (76.4)	4440 (305)
3/4	SFH12	1.61 (4.09)	8.86 (22.5)		860 (59.2)	3440 (237)
1	SFH16	1.89 (4.80)	10.2(26.0)		680 (46.8)	2720 (187)
1 1/4	SFH20	2.16 (5.49)	11.8 (30.0)		680 (46.8)	2720 (187)
1 1/2	SFH24	2.33 (5.92)	13.4 (34.0)		520 (35.8)	2080 (143)
2	SFH32	3.10 (7.87)	15.4 (39.1)		450 (31.0)	1800 (124)

• Do not subject Flexible metal hose to system pressure surges, shock or pulsations greater than 50% of the working pressure rating.

Ordering Information

SFH 4 - S4 - M4N - 1.5

1

2

3

4

1 : Hose series and size

2 : 1st End connection

3 : 2nd End connection

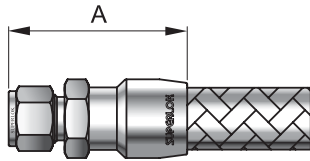
4 : Overall length in meters

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Table of Dimensions

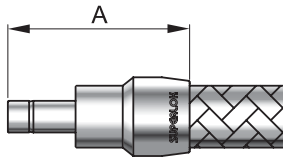
SUPERLOK Tube Fitting



Order Number		Tube OD(in)	Dimension A (mm)
Hose Series	End Connection		
SFH 4	S4	1/4	47.5
SFH 6	S6	3/8	50.8
SFH 8	S8	1/2	61.7
SFH 12	S12	3/4	66.5
SFH 16	S16	1	81.3
SFH 20	S20	1 1/4	96.3
SFH 24	S24	1 1/2	108.0
SFH 32	S32	2	133.0

• Metric connections are available upon request.

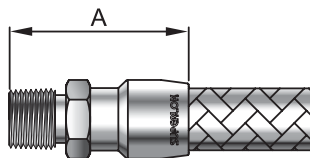
Tube Adapter



Order Number		Tube OD(in)	Dimension A (mm)
Hose Series	End Connection		
SFH 4	4T	1/4	38.6
SFH 6	6T	3/8	46.0
SFH 8	8T	1/2	54.9
SFH 12	12T	3/4	63.5
SFH 16	16T	1	75.9

• Metric connections are available upon request.

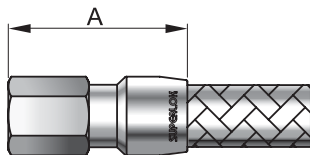
Male Pipe Threads, NPT



Order Number		Pipe Thread Size (in)	Dimension A (mm)
Hose Series	End Connection		
SFH 4	M4N	1/4	43.2
SFH 6	M6N	3/8	48.5
SFH 8	M8N	1/2	58.9
SFH 12	M12N	3/4	62.3
SFH 16	M16N	1	77.5
SFH 20	M20N	1 1/4	79.8
SFH 24	M24N	1 1/2	85.9
SFH 32	M32N	2	92.2

• If required ISO tapered thread replace R in stead of N. (ex : SFH4-M4R)

Female Pipe Threads, NPT



Order Number		Pipe Thread Size (in)	Dimension A (mm)
Hose Series	End Connection		
SFH 4	F4N	1/4	46.0
SFH 6	F6N	3/8	46.7
SFH 8	F8N	1/2	62.2
SFH 12	F12N	3/4	61.2
SFH 16	F16N	1	74.2
SFH 24	F24N	1 1/2	83.3

• If required ISO tapered thread replace R in stead of N. (ex : SFH4-F4R)