

Flexible Metal Hoses Custom Sizes and Fittings



High Temperature Flexible Metal Hoses

SHCS Series

- Carbon Steel MPT Threaded Ends
- Maximum Temperature: 850° F
- 304 Stainless Steel Corrugated Inner Core
- 304 Stainless Steel Braid and External Ring
- Maximum Working Pressure is 796 psi @70° F (1/2" Hose)
- Rated for Full Vacuum



High Temperature Flexible Metal Hoses

CFHF Series

- Carbon Steel Flanges Painted Light Gray
- Maximum Temperature: 896° F
- 304 Stainless Steel Corrugated Inner Core
- 304 Stainless Steel Braid
- 304 Stainless Steel External Ring
- Rated for Full Vacuum



High Temperature Flexible Metal Hoses

SHSS Series

- 304 Stainless Steel MPT Threaded Ends
- Maximum Temperature: 850° F
- 304 Stainless Steel Corrugated Inner Core
- 304 Stainless Steel Braid and External Ring
- Maximum Working Pressure is 796 psi @70° F (1/2" Hose)
- Rated for Full Vacuum



Extreme Temperature Flexible Metal Hoses

SHFCS Series

- Carbon Steel Flanges
- Maximum Temperature: 1250° F
- 321 Stainless Steel Corrugated Inner Core
- 321 Stainless Steel Braid
- 304 Stainless Steel External Ring
- Rated for Full Vacuum

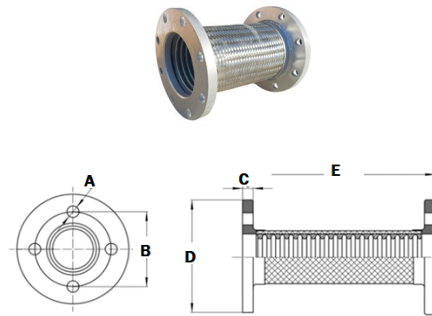
	SHCS Series	SHSS Series	CFHF Series	SHFCS Series
NPT	Part No.	Part No.	Part No.	Part No.
1/2"	SHCS-50XX	SHSS-50XX	—	—
3/4"	SHCS-75XX	SHSS-75XX	—	—
1"	SHCS-10XX	SHSS-10XX	—	—
1-1/4"	SHCS-12XX	SHSS-12XX	—	—
1-1/2"	SHCS-15XX	SHSS-15XX	—	—
2"	SHCS-20XX	SHSS-20XX	—	SHFCS-20XX
2-1/2"	SHCS-25XX	SHSS-251XX	CFHF-2512	SHFCS-25XX
3"	SHCS-30XX	SHSS-30XX	CFHF-3012	SHFCS-30XX
4"	—	—	CFHF-4012	SHFCS-40XX
5"	—	—	—	SHFCS-50XX
6"	—	—	CFHF-6012	SHFCS-60XX
8"	—	—	—	SHFCS-80XX

Notes:

1. Delivery 2-3 weeks
2. Replace the XX with the desired length (SHCS, SHSS SHFCS Series)
3. CFHF Series is available in 12" lengths
4. Add the following Suffix to the part number for special fittings (SHCS, SHSS Series)

MH	MPT x Male Hex	MU	MPT x Male Union
MH2	Male Hex Both Ends	JIC	MPT x JIC
JIC2	JIC x JIC	FU	MPT x Female Union

CFHF Series Plate Flange Flexible Hose Dimensions



Part No.	Size	A	B	C	D Max. O.D.	E Overall Length	Max. Working Pressure (PSI) @70F	Max. Working Temperature	Static State Bend Radius	Dynamic State Bend Radius	Wt. (lbs.)
CFHF-2512	2-1/2"	4 x .75	5.49	.63	7.00	12"	390	896 °F	7.87"	20.08"	11.02
CFHF-3012	3"	4 x .75	6.00	.63	7.00	12"	250	896 °F	9.45"	23.62"	13.67
CFHF-4012	4"	8 x .75	7.50	.63	9.02	12"	210	896 °F	11.81"	25.59"	17.64
CFHF-6012	6"	8 x .75	9.51	.75	11.00	12"	165	896 °F	15.35"	47.24"	28.00

SHFCS Series Plate Flange Flexible Hose Dimensions

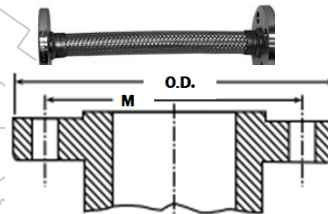


Plate Flange

Pipe Size	Outside Diameter O.D.	Diameter of Bolt Circle M	Diameter of Bolt Holes	Number of Bolt Holes	Diameter of Bolts	Flange Thickness
2"	6.00"	4.75"	3/4"	4	5/8"	5/8"
2-1/2"	7.00"	5.50"	3/4"	4	5/8"	5/8"
3"	7.50"	6.00"	3/4"	4	5/8"	5/8"
3-1/2"	8.50"	7.00"	3/4"	8	5/8"	5/8"
4"	9.00"	7.50"	3/4"	8	5/8"	5/8"
5"	10.00"	8.50"	7/8"	8	3/4"	3/4"
6"	11.00"	9.50"	7/8"	8	3/4"	3/4"
8"	13.50"	11.75"	7/8"	8	3/4"	1"