

BMT

FLUID COMPONENTS
NORTH AMERICA

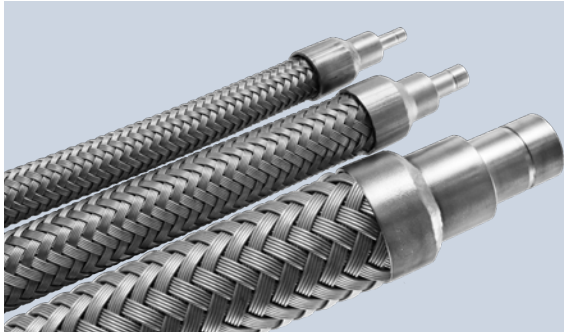


CANFLEX[®] METAL HOSES

QUALITY, VALUE AND INNOVATION.



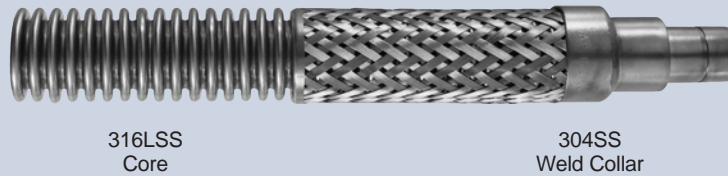
CANFLEX® METAL HOSES



Features

- Stainless steel construction.
- Vacuum to 6000 psi (414 bar).
- CRN #0D06902.2
- Wide variety of fractional end connections from 1/4"~2".
- Custom options and CRN assemblies available.
- Manufactured in Canada by A.R. Thomson Group Inc.

Materials of Construction



304SS Single Braid - CFH Series
 321SS Double Braid - CFHP Series

316SS End Connections

316LSS Core

304SS Weld Collar

CFH Series

Nominal Hose Size in.	CFHTS 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	CFHTS 4	1.1 (2.8)	3.3 (8.4)	-325 °F to 800 °F (-200 °C to 426 °C)	1850 (127.5)	7400 (510.2)
3/8	CFHTS 6	1.5 (3.8)	5.5 (14.0)		1565 (107.9)	6260 (431.6)
1/2	CFHTS 8	1.8 (4.6)	5.5 (14.0)		1280 (88.2)	5120 (353.0)
3/4	CFHTS 12	2.8 (7.1)	6.7 (17.0)		1071 (73.8)	4284 (295.4)
1	CFHTS 16	3.3 (8.4)	7.5 (19.0)		861 (59.4)	3444 (237.4)
1-1/4	CFHTS 20	4.1 (10.4)	10.2 (25.9)		699 (48.2)	2796 (192.8)
1-1/2	CFHTS 24	5.1 (12.9)	11.8 (30.0)		536 (36.9)	2144 (147.8)
2	CFHTS 32	6.3 (16.0)	12.6 (32.0)		548 (37.8)	2192 (151.1)

CFHP Series (High Pressure)

Nominal Hose Size in.	CFHP 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	CFHP 4	1.5 (3.8)	4.5 (11.4)	-325 °F to 800 °F (-200 °C to 426 °C)	6000 (413.7)	24000 (1654.7)
3/8	CFHP 6	2.5 (6.4)	7.0 (17.8)		4875 (336.1)	19500 (1344.5)
1/2	CFHP 8	3.0 (7.6)	8.0 (20.3)		4500 (310.3)	18000 (1241.1)
3/4	CFHP 12	4.0 (10.2)	10.0 (25.4)		3500 (241.3)	14000 (965.3)
1	CFHP 16	5.0 (12.7)	11.0 (27.9)		3000 (206.8)	12083 (833.1)

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

Ordering Information

Example: **CFH4 - S4 - M4N - 36**

1
2 3
2 3
4

1. Hose Series & Size (CFH CFHP)

2. Port Type

S : SUPERLOK Tube Fitting TA : Tube Adapter M : Male Pipe Thread

3. Port Size

Pipe Thread Designation

Size (in.)	1/8		1/4		3/8		1/2		3/4		1	
NPT	2N		4N		6N		8N		12N		16N	

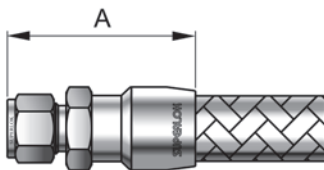
Tube O.D. Designation

O.D. (in.)	1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1-1/4	1-1/2	2
Identify	1	2	3	4	5	6	8	10	12	15	16	20	24	32

4. Overall length in inches Ex : 12, 24, 36, 48 (custom sizes available).

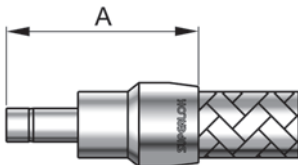
Table of Dimensions

SUPERLOK Tube Fitting



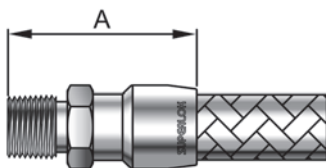
Part Number	Tube O.D. (in.)	Dimension A
CFTS 4	S4	47.5
CFTS 6	S6	50.8
CFTS 8	S8	61.7
CFTS 12	S12	66.5
CFTS 16	S16	81.3
CFTS 20	S20	96.3
CFTS 24	S24	108.0
CFTS 32	S32	133.0

Tube Adapter



Part Number	Tube O.D. (in.)	Dimension A
CFTS 4	TA4	38.6
CFTS 6	TA6	46.0
CFTS 8	TA8	54.9
CFTS 12	TA12	63.5
CFTS 16	TA16	75.9

Male Pipe Threads, NPT



Part Number	Tube O.D. (in.)	Dimension A
CFTS 4	M4N	43.2
CFTS 6	M6N	48.5
CFTS 8	M8N	58.9
CFTS 12	M12N	62.3
CFTS 16	M16N	77.5
CFTS 20	M20N	79.8
CFTS 24	M24N	85.9
CFTS 32	M32N	92.2

*All dimensions in millimeters unless specified as "inch"
Dimension are for reference only, subject to change.

OTHER PRODUCTS



Superlok Tube Fittings

High quality dual and single ferrule Tube fittings for the most reliable tube connections. Our tube fitting are available in a broad range of sizes, materials and configurations.



Valves

A full range of instrument ball valves, needle valves, check valves and relief valves. Our instrument valves are available in multiple configurations, end connection sizes and materials.



Tubing

High quality stainless steel and exotic alloy tubing for industrial process and instrumentation. We proudly represent Alleima (Sandvik), the world leader in development of stainless steels and advanced alloys for industry.



UHP Fittings & Valves

Ultra-High Purity fittings & valves are used to connect tubing in industries that require extremely clean and contaminant-free systems. The process involves electro-polishing and ultrasonic cleaning with deionized water.

Unmatched PERFORMANCE & RELIABILITY

CONTACT US

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