



TEFLON™ METAL HOSES

QUALITY, VALUE AND INNOVATION.



TEFLON™ METAL HOSES



Features

- Teflon™ / Stainless Steel construction.
- Vacuum to 3000 psi (207 bar).
- CRN: 0D06902.2C
- Wide variety of fractional end connections from 1/4"~1".
- Custom options and CRN assemblies available.
- Manufactured in Canada by A.R. Thomson Group Inc.

Materials of Construction



316SS End Connections

Teflon™
Hose

304SS
Overbraid

CFHT Series

Nominal Size	CFHT Series	Average ID in. (mm)	Average OD in. (mm)	Operating Pressure Room Temp psi (bar)	Burst Pressure Room Temp psi (bar)	Minimum Bend in (mm)
1/4	CFHT 4	.118 (4.8)	.312 (7.9)	3000 (206.8)	12000 (827.4)	2.00 (50.8)
3/8	CFHT 6	.384 (9.8)	.503 (12.8)	2250 (155.1)	9000 (620.5)	4.50 (114.3)
1/2	CFHT 8	.410 (10.4)	.549 (13.9)	2000 (137.9)	8000 (551.6)	5.20 (132.1)
3/4	CFHT 12	.750 (19.1)	.886 (22.5)	1100 (75.8)	4400 (303.4)	8.20 (208.3)
1	CFHT 16	.1000 (25.4)	1.135 (28.8)	900 (62.1)	3600 (248.2)	10.00 (254)

Size	Temperature / Operating Pressure: CFHT								
	65°F (18°C)	100°F (38°C)	150°F (66°C)	200°F (93°C)	250°F (121°C)	300°F (149°C)	350°F (177°C)	400°F (204°C)	450°F (232°C)
-4	3000	2922	2810	2698	2586	2474	2362	2250	2138
-6	2500	2435	2341	2248	2155	2062	1968	1875	1782
-8	2000	1948	1873	1799	1724	1649	1575	1500	1425
-12	1200	1169	1124	1079	1034	990	945	900	855
-16	1000	974	937	899	862	825	787	750	713

Temperature Range

Continuous: -65°F to 400°F (-54°C to 204°C)
Intermittent: -100°F to 500°F (-73°C to 260°C)

Consult factory for temperature adjusted pressure rating.

Typical Applications

- Chemical transfer lines
- Compressed gas
- Coolant transfer lines
- Hydraulic systems
- Steam transfer lines

Standards

- Meets or exceeds requirements of SAE 100R14
- PTFE meets FDA 21 CFR 177.1550

Ordering Information

Example: **CFHT4 - TA4 - TA4 - 36**

1
2 3
2 3
4

1. Hose Series & Size (CFHT)

2. Port Type

TA : Tube Adapter

FJIC : Female JIC < Swivel

M : Male Pipe Thread

3. Port Size

Pipe Thread Designation

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

Tube O.D. Designation

O.D. (in.)	1/4	3/8	1/2	3/4	1
Identify	4	6	8	12	16

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

Table of Dimensions

Tube Adapter



Part Number		Tube O.D. (in.)
CFHT 4	TA4	1/4
CFHT 6	TA6	3/8
CFHT 8	TA8	1/2
CFHT 12	TA12	3/4

Female JIC Swivel



Part Number		Tube O.D. (in.)
CFHT 4	FJIC4	1/4
CFHT 6	FJIC6	3/8
CFHT 8	FJIC8	1/2
CFHT 12	FJIC12	3/4
CFHT 16	FJIC16	1

Male Pipe Threads, NPT



Part Number		Tube O.D. (in.)
CFHT 4	M4N	1/4
CFHT 6	M6N	3/8
CFHT 8	M8N	1/2
CFHT 12	M12N	3/4
CFHT 16	M16N	1

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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