

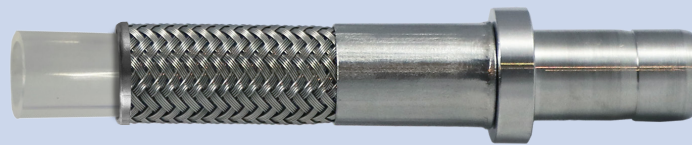
TEFLON METAL HOSES



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.

Materials of Construction



Teflon Hose

304SS Overbraid

316SS End Connections

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

-65°F to 400°F (-54°C to 204°C) for continuous service
-100°F to 500°F (-73°C to 260°C) for intermittent service

Consult factory for temperature adjusted pressure rating.

Typical Applications

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

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

	Size (in.)	1/4	3/8	1/2	3/4	1
Pipe Thread Designation	NPT	4N	6N	8N	12N	16N
	O.D. (in.)	1/4	3/8	1/2	3/4	1
Tube O.D. Designation	Identify	4	6	8	12	16

4. Overall length in inches

Ex : 12, 24, 36, 48 (custom sizes available).

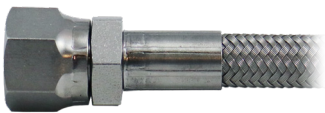
Table of Dimensions

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		Pipe I.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