

PTFE Hose - CTFB

Tape Wrapped Convuluted PTFE

Part No.: CTFB / CTFBHV

Construction: Tape Wrapped helical convoluted

Profile: High Flexibility / Medium Pressure

Tube Available: PTFE Virgin / Anti-static Inner Tube

Braid Available: 304 / 316 Stainless Steel

Size Available: 3/8" - 4"

Temperature: -50°C / +150°C

Sintered/Permeation: Slow Sintered (medium level of permeation)

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use:

Flame resistant convoluted multilayer PTFE hose with fibreglass covering and wire braid reinforcement for use on demanding marine and offshore applications. The convoluted profile ensures easier crimping of the hose and with the approved DNV GL fitting and ferrule range now offers a proven minimum 150K impulse cycle life expectancy at elevated temperatures.

Standards:

USP Class VI compliance PTFE resin used in tubing,

PTFE BS2782 Method 327A:1993 ASTM-D 882

DNV GL class programme CP-0183

- Type Approval of flexible hoses of non-metallic material



Specifications

Temperature Correction Factor													
-60	-40	-20	0	20	50	100	120	150	180	200	220	250	260
1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.93	0.93	.85	0.85	0.77	0.77	0.70

Part Number	Size	Internal Diameter	Outside Diameter	Min. Bend Radius	Max. Working Pressure		Min. Burst Pressure		Vacuum	
	inch	mm	mm	mm	kPa	bar	kPa	bar	(bar)	mm hg
CTFB-10	3/8"	9.65	15.8	50	12500	125	4999	500	0.9	675.13
CTFB-12	1/2"	13.45	19.8	65	10501	105	4199	420	0.9	675.13
CTFB-15	5/8"	16.4	23.4	80	9997	100	3999	400	0.9	675.13
CTFB-20	3/4"	19.8	26.9	100	8998	90	3599	360	0.9	675.13
CTFB-25	1"	25	32.9	125	7998	80	3199	320	0.9	675.13
CTFB-32	1 1/4"	32.3	39.75	150	6398	64	2558	256	0.9	675.13
CTFB-38	1 1/2"	38.3	46.1	200	5302	53	2117	212	0.9	675.13
CTFB-50	2"	51.5	60.5	250	3503	35	1400	140	0.5	375.16

High Vacuum Tape Wrapped Convuluted Hose (External Spring)

CTFBHV-38	1 1/2"	38.3	46.1	200	5302	53	2117	212	9.4	711.19
CTFBHV-50	2"	51.5	60.5	250	3503	35	1400	140	9.4	711.19
CTFBHV-75	3"	76.20	93.47	381	1700	17	6900	69	9.4	711.19
CTFBHV-100	4"	101.60	123.19	610	1000	10	4100	41	9.4	711.19

Applications

