

TEFPASS[®]

MCT, CT

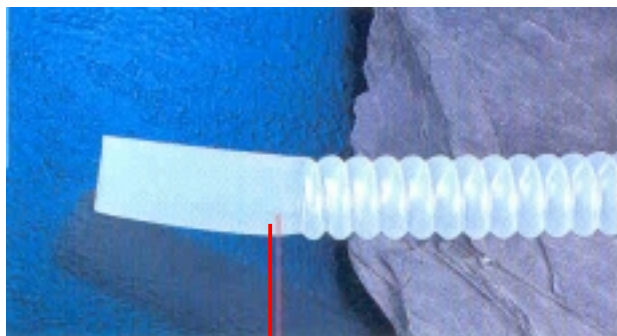
PFA Convoluted Flexible Hose



MCT & CT type

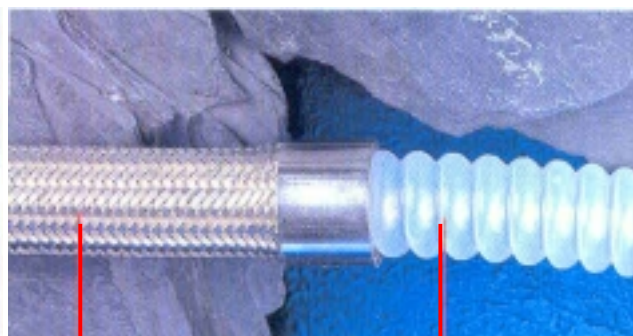
Construction:

(CT type)



PFA

(MCT type)

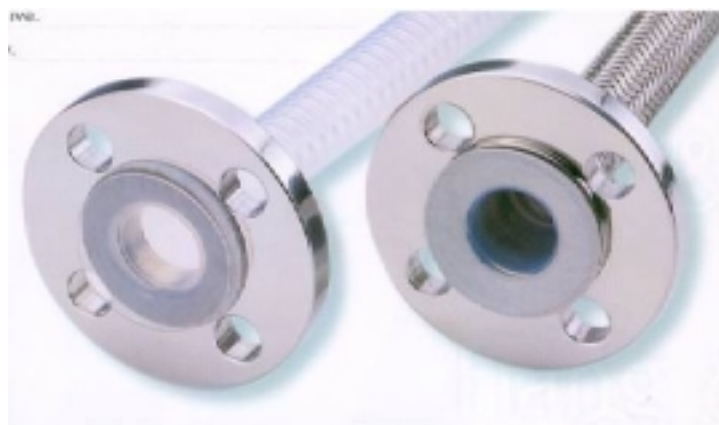


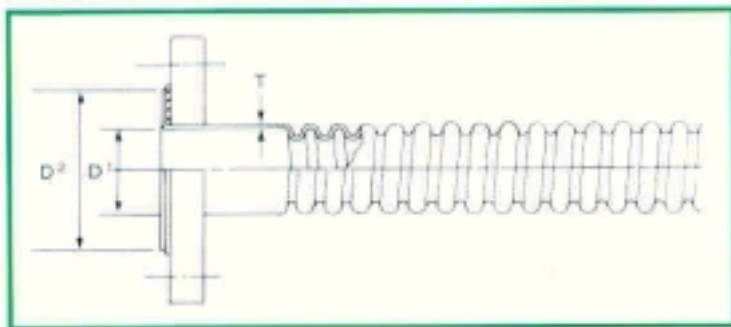
SUS304

PFA

TEFLON (PFA)

- Excellent chemical resistance
- Rounded “Open-pitch” helical convolution design
 - ✱ Easy cleaning
 - ✱ Non-stick
 - ✱ Can be cleaned by steam, caustics, solvents and any kinds of deterative.
 - ✱ Assured sterility
- Flexible and not subject to flex cracking, pin holing, or chloride stress cracking.
- Temperature
 - ✱ $-73^{\circ}\text{C} (-100^{\circ}\text{F})$ to $+232^{\circ}\text{C} (+450^{\circ}\text{F})$
- Fitting
 - ✱ Varies types of conventional fitting design can be attached.





Hose size: 1/2"~4"

Specification

Unit: mm

Nominal Size	15	20	25	32	40	50	80	100
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	3"	4"
D1	20	25	33	33	39	50	77	102
D2	40	50	70	70	75	90	120	145
T	1.5	1.5	1.5	1.5	2	2	2	2
Max. length	6M	6M	6M	6M	6M	6M	5M	4M

Pressure Rating

Unit: kg/cm2

Item	Size	15	20	25	32	40	50	80	100
	Temp.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	3"	4"
CT Type	25°C	8	7	6	6	5.5	5	3.5	2.5
	50°C	7	6	5	5	4.5	4	3	1.8
	75°C	6	5	4	4	3.5	3	2	1.5
	100°C	5	4	3	3	3	2	1.5	1.3
MCT type	25°C	18	17	16	16	14	13	8	7
	50°C	18	17	15.5	15.5	14	12.5	7.5	6.5
	75°C	17	16	14.5	14.5	13	12	7	6
	100°C	16	15	14	14	12	11	6.5	5.5

Min. Bend Radius

Unit: mm

Item	Size	15	20	25	32	40	50	80	100
		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	3"	4"
CT Type		50	100	100	100	150	150	250	300
MCT Type		100	150	150	150	200	200	300	400

接頭 接続継手 Fittings

Pipe thread (N.P.T.)

1. Male Style 03
2. Male (PCTFE) Style 03
3. Female Style 06

Sanitary

- Sanitary clamp Style 10

Flanges

1. Lap joint flange Style 12
2. PFA encapsulated Style 12T
3. Flare-thru Style 12FT

Quick connector

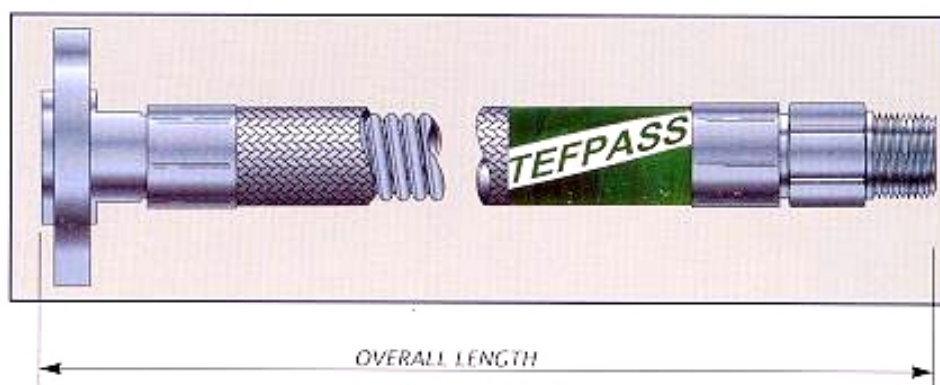
1. Female swivel type with PFA encapsulated Style 16T
2. Male with PFA encapsulated Style 17T
3. Male by flange adaptor PFA encapsulated Style 18T

Special custom-made

Other special fittings are upon request



如何訂購 注文の仕方 How to Order



A—B—C(xx)D(xx)—Length (mm)

A: Size (I.D.)	
Inch	mm
1/2"	15
3/4"	20
1"	25
1-1/4"	32
1-1/2"	40
2"	50
2-1/2"	65
3"	80
4"	100

B: Hose Style
SHPTP (PFA)
SHPTF (FEP)
MCT
CT

C: Fitting One End	D: Fitting Other End
00 = Smooth Bore without Fitting.	
03 = Male Pipe, NPT.	
06 = Female Pipe, FNPT.	
10 = Sanitary, Gasket Type.	
12 = Flange Retainer, Lap Retainer.	
12T = Flange Retainer, PFA Encapsulated.	
12FT = Flange Retainer, Flare-thru.	
16 = Quick connector, Female.	
16T = Quick Connector, Female, PFA Encapsulated.	
17 = Quick Connector, Male.	
17T = Quick Connector, Male, PFA Encapsulated.	

Fitting Material:
1 st letter: Fitting Material
2 nd letter: Flange Material
4 = Stainless Steel 304
6 = Stainless Steel 316
L = Stainless Steel 316L
C = Carbon Steel
V = CPVC
P = PCTFE
H = Hastelloy C
X = No fitting or flange
Y = Other material, please consulting our sales engineer.

Example: 1. 25-SHPTP-12T (66) 03 (PX)-6,000mm

1" SHPT type PFA hose, one end come with PFA encapsulated SS316 retainer and SS316 flange. Other end with PCTFE solid NPT male thread. Overall length is 6,000mm.

2. 50-MCT-12FT (44) 12FT (44)-4,000mm

2" MCT type PFA hose, come with outside SS304 braid, both ends with SS304 fittings and swivel flanges. PFA hose ends are flare-thru design. Overall length is 4,000mm.