

Clean-room Package Tube Series

New
Line Up

Characteristics

- Tubes are cleaned and packaged in ISO Class 6 clean-room.
- Delivered in antistatic packaging to minimize sticking dust.

Fluororesin (PFA) Tube

- Superior chemical and weather resistance makes Fluororesin Tube best suited for chemical, food-processing, medical care and semiconductor applications.
- Perfect to be used with the inch-sized SUS316 compression fitting.

Polyurethane Tube

- The polyurethane tube, featuring excellent flexibility, helps compact piping requiring small bending radius.
- The useful cut marks at 500mm interval are printed on the tube.

Specifications

Model	SFT0420-C	SFT0425-C	SFT0640-C	SFT0860-C	SFT1075-C	SFT1080-C	SFT1290-C	SFT1210-C	SFT1/4-C	SFT3/8-C	SFT1/2-C	UB0425-C	UB0640-C	UB0850-C	UB1065-C	UB1280-C
ϕ O.D.×I.D. (mm)	4×2	4×2.5	6×4	8×6	10×7.5	10×8	12×9	12×10	6.35×4.57	9.53×6.99	12.7×9.56	4×2.5	6×4	8×5	10×6.5	12×8
Tube length (m)	5 · 20								5 · 20 · 50 · 100				20			
Transparent (C)	○: available															
Fluid medium	Air, water (*2, *3, *4), corrosive fluids, etc (*5)											Air, water (*2, *3, *4)				
Max. operating pressure (*6)	348psi (2.4MPa)	203psi (1.4MPa)	145psi (1.0MPa)	116psi (0.8MPa)	145psi (1.0MPa)	116psi (0.8MPa)	145psi (1.0MPa)	116psi (0.8MPa)	145psi (1.0MPa)	116psi (0.8MPa)	145psi (1.0MPa)	116psi (0.8MPa) (65%RH at 20°C *)				
Max. vacuum	-29.5in. Hg (-100kPa)											-29.5in. Hg (-100kPa)				
Operating temp. range	-85 ~ 500°F (-65 ~ 260°C) (no freezing)											-5 ~ 140°F (-15 ~ 60°C) (no freezing)				
Min. bending Radius (JIS) (mm)	7	14	27	40	50	47	67	14	40	47	10	15	23	20	30	
Min. Mounting Radius (VCE) (mm)	10	20	40	60	75	70	100	20	60	70	15	25	30	30	45	

- *1. Tube color
 *2. When the fluid medium is water, limit the level of surge pressure to the maximum operating pressure or less.
 *3. Be sure to install the insert ring when the fluid is admitted.
 *4. Tap water can be admitted. Please make inquiries for other types of fluid.
 *5. Please make inquiries about chemical use.
 *6. Max. operating pressure is the value at 65%RH at 20°C. When using on other temperatures, please take enough safety value judging from the burst pressure curve on the right. When polyurethane tube is applied to moving parts with vibration and bend, the temperature may rise due to self-heat generation by molecule heat generation and lead to the breakage of the tube.

Model Designation (Example)

SFT (1) **0640** (2) **-20** (3) **-C** (4) **C** (5)

(1) Name of tube

SFT: Fluororesin (PFA) tube
UB: Polyurethane tube

(2) Tube dia. (O.D./I.D.)

Fluororesin (PFA) Tube

	mm size								inch size		
Code	0420	0425	0640	0860	1075	1080	1290	1210	1/4	3/8	1/2
O.D.	ø4mm	ø4mm	ø6mm	ø8mm	ø10mm	ø10mm	ø12mm	ø12mm	ø6.35mm	ø9.53mm	ø12.7mm
I.D.	ø2mm	ø2.5mm	ø4mm	ø6mm	ø7.5mm	ø8mm	ø9mm	ø10mm	ø4.57mm	ø6.99mm	ø9.56mm

Polyurethane Tube

	mm size				
Code	0425	0640	0850	1065	1280
O.D.	ø4mm	ø6mm	ø8mm	ø10mm	ø12mm
I.D.	ø2.5mm	ø4mm	ø5mm	ø6.5mm	ø8mm

(3) Tube length

Code	5	20
Length	20m (16.4ft.)	20m (65.6ft.)

* Tube length of 5m is only available for Fluororesin (PFA) Tube.

(4) Tube color

C: Transparent

(5) Clean-room package (Code: **C**)


* Be sure to specify "C", otherwise, the standard pkg will be delivered.

Detailed Safety Instructions

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in This Manual" on page 13 to 15 and "Common Safety Instructions for Tubes" on page 264.



The products listed in this page are ECO-friendly products.
 * Please refer to page 4 for the details of ECO-friendly products.

SFT Fluororesin (PFA) Tube	Model	
	mm	inch
	SFT0420- C	SFT 1/4- C
	SFT0425- C	SFT 3/8- C
	SFT0640- C	SFT 1/2- C
	SFT0860- C	
	SFT1075- C	
	SFT1080- C	
	SFT1290- C	
	SFT1210- C	
UB Polyurethane Tube	Model	
	UB0425-20-CC	
	UB0640-20-CC	
	UB0850-20-CC	
	UB1065-20-CC	
	UB1280-20-CC	



Cautions

- *1. Tube can be sold at desirable length as build to order production. Please make inquiry about pricing to our sales offices.
 *2. For **C**, please select a tube length.
 *3. The white-letter model type in **C** is new model.
 *4. Build-to-order production

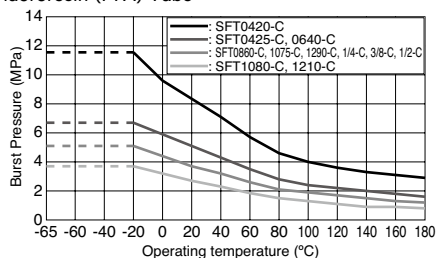


Package specifications

5M lengths /bag: Fluororesin (PFA) Tube only
 20M lengths /bag: Applicable to all types

Burst Pressure Curve (Reference Value)

Fluororesin (PFA) Tube



Polyurethane Tube

