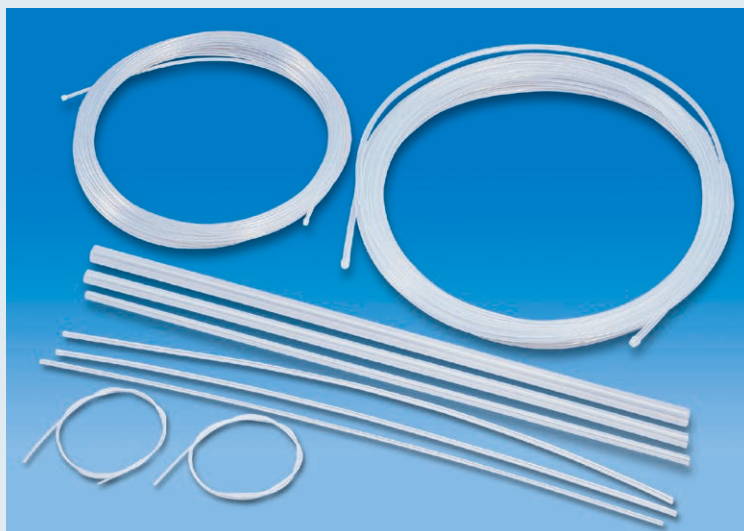


# Using Super-Clean New PFA, which smooths the inner surface of the tube and leaches fewer fluorine ions



## ■ Features

### Heat resistance

This product can be continuously used in a wide range of temperatures (-196°C to 260°C).

### Chemical resistance

This product is resistant to most chemicals and solvents.

### Weather resistance

This product does not absorb moisture or water, and is not affected by outdoor weather conditions.

### Non-adhesiveness

Other objects rarely become attached to this product. Even if something becomes attached to this product, it can be removed easily.

### Electrical characteristics

This product boasts excellent insulation resistance, dielectric strength, and dielectric properties.

### No leaching of hazardous substances

This product leaches no impurities such as metal ions.

#### Applications

- ▶ Transfer of liquid chemicals and solvents (for semiconductor-related equipment)
- ▶ Transfer of various liquids (for chemical industry and manufacturing of pharmaceuticals)
- ▶ Transfer of viscous fluids (for food manufacturing)
- ▶ Devices requiring isolation and high dielectric properties (electric appliances)

\* We also handle "low-permeation PFA tubes," which reduce the amount of liquid chemical permeation. Please consult with us separately.

#### Standards compliance

This product has passed material testing and dissolution testing for "2. Apparatus or packages/containers made of synthetic resins" in Section D in Part III of "Specifications and Standards for Food, Food Additives, Etc." (Ministry of Health and Welfare Notification No. 370, 1959).

## Size table

Unit: mm

mm-based tube					
O.D.×I.D.	Thickness	Length (m)	Tolerance		
			O.D.	Thickness	Length
3× 2	0.5	3 or 20	±0.10	±0.05	+2% -0
4× 3					
6× 4	1.0		±0.12	±0.06	
8× 6					
10× 8			±0.20	±0.10	
12×10					
19×15.8	1.6				
25×22	1.5				

Unit: mm

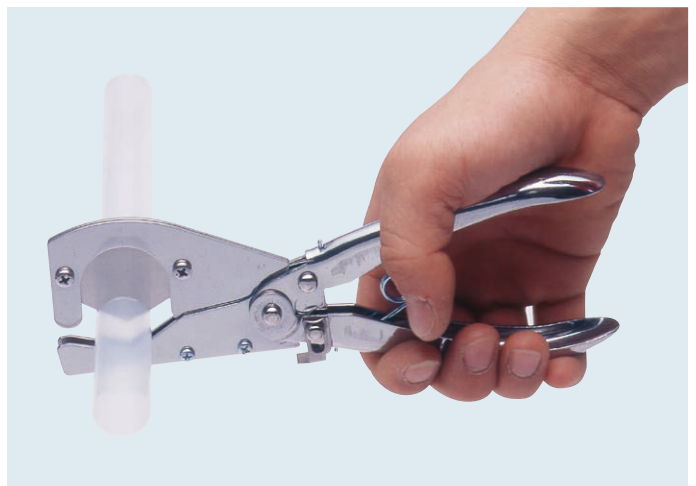
Inch-based tube					
O.D.×I.D.	Thickness	Length (m)	Tolerance		
			O.D.	Thickness	Length
1/8"×0.086" (3.18×2.18)	0.5	3 or 20	± 0.10	± 0.05	+2% -0
1/4"×5/32" (6.35×3.95)	1.2			± 0.10	
1/4"×0.171" (6.35×4.35)	1.0		± 0.12	± 0.06	
3/8"×1/4" (9.53×6.33)	1.6			± 0.10	
3/8"×0.296" (9.53×7.53)	1.0			± 0.06	
1/2"×3/8" (12.7× 9.5)	1.6			± 0.10	
3/4"×5/8" (19 ×15.8)	1.6	± 0.20	± 0.10		
1"×7/8" (25.4×22.2)	1.6				
1-1/4"×1-1/10" (31.8×28.0)	1.9	3	±0.25	±0.15	
1-1/2"×1-21/64" (38.1×33.7)	2.2				

Note: For long tube products, consult with us separately.

## Tube cutter

### PTC-1

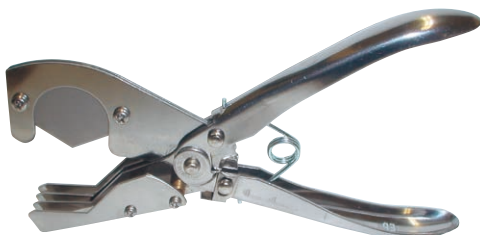
- Applicable tube sizes:  $\phi 3$  to  $\phi 25$ , 1/8" to 1"
  - Excellent work efficiency due to light weight
  - Equipped with a stopper to prevent the cutter from opening when not used
  - Economical due to blade replacement type
- \* For spare blades, order PTC-1SE. One set contains five blades.



### Option

#### PTC-1 easy type

- The tube fixing portion is wide, making it easy to cut the tube.
- \* However, this is not suitable for cutting short tubes.



### PTC-2

- Applicable tube sizes: 1-1/4" and 1-1/2"



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**Safety precaution**

- When using this product, please use correctly and pay sufficient attention to safety.

\* Please understand that this catalog may change without prior notice.  
\* The values shown on this catalog are reference values, not guaranteed values.