

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	1.6		±0.10	±0.10	
12×10					
19×15.8	1.5	±0.20	±0.10		
25×22					

Unit: mm

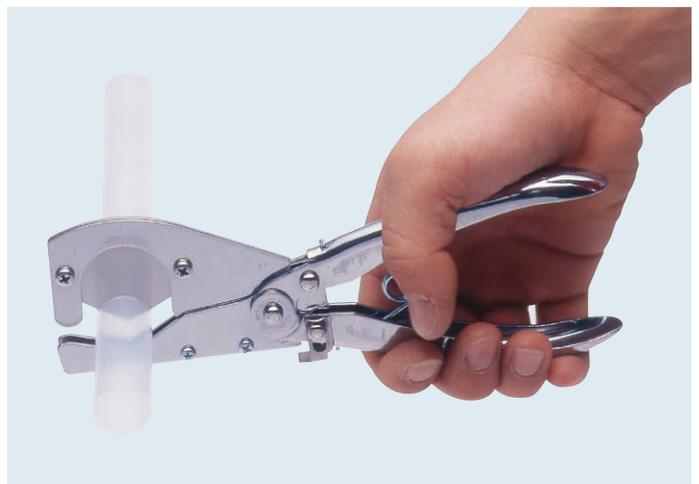
Inch-based tube					
O.D.×I.D.	Thickness	Length (m)	Tolerance		
			O.D.	Thickness	Length
1/8"×0.086" (3.18×2.18)	0.5	3 or 20	± 0.10	± 0.05	+2% -0
1/4"×5/32" (6.35×3.95)	1.2			± 0.10	
1/4"×0.171" (6.35×4.35)	1.0		± 0.12	± 0.06	
3/8"×1/4" (9.53×6.33)	1.6			± 0.10	
3/8"×0.296" (9.53×7.53)	1.0		± 0.10	± 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		± 0.15		
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"



PILLAR NIPPON PILLAR PACKING CO., LTD.

Head office/Sales Headquarters
7-1, Shinmachi 1-chome, Nishi-ku, Osaka 550-0013, Japan
Phone: +81-6-7166-8326 Fax: +81-6-7166-8514

Email : sales@pillar.co.jp

<https://www3.pillar.co.jp/en/product/>



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.