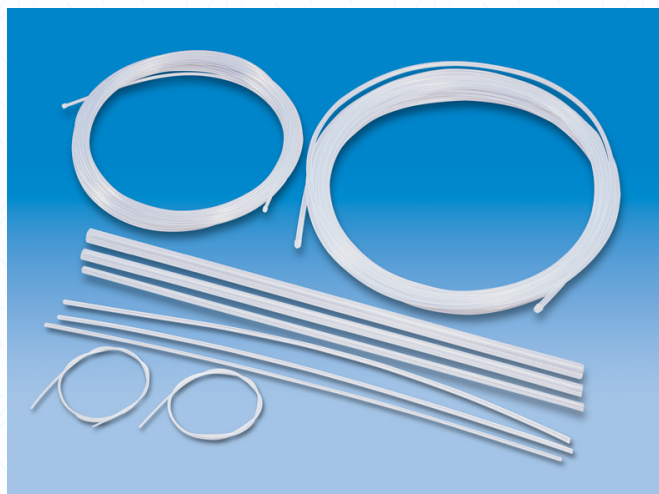




PTC-1



PTC-2

TUBE CUTTERS

Features

•Heat resistance

Wide operation range (-196°C~+260°C)

•Chemical resistance

Mostly chemicals cannot be attacked

•Non viscous

No hygroscopic, No absorption

•Electrical characteristic

High insulation resistance, Puncture and dielectric characteristic

•Particle free

No elutriations of impurity such as metal ion

Applications

•Chemical supply

(semiconductor equipments)

•Liquid and Gas supply

(Chemical industry, Medical manufacturing)

•High viscous Chemical supply

(Food manufacturing)

•For Insulation, High dielectric characteristic equipment

(Electric equipment)

Meteoric size (mm)					
O.D. × I.D.	Thickness	Length	Tolerance		
			O.D.	Thickness	Length
3 × 2	0.5	3m or 20m	±0.10	±0.05	+2% -0
4 × 3	0.5			±0.06	
6 × 4	1.0			±0.10	
8 × 5.6	1.2			±0.06	
8 × 6	1.0		±0.12	±0.10	
10 × 6.8	1.6			±0.06	
10 × 8	1.0			±0.10	
12 × 8.8	1.6			±0.06	
12 × 10	1.0			±0.10	
19 × 15.8	1.6			±0.20	
25 × 22	1.5			±0.10	

Inch size					(mm)
O.D. × I.D.	Thickness	Length	Tolerance		
			O.D.	Thickness	Length
1/8" × 0.086 (3.18 × 2.18)	0.5	3m or 20m	±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				
3/8" × 1/4" (9.53 × 6.33)	1.6				
3/8" × 0.296" (9.53 × 7.53)	1.0				
1/2" × 3/8" (12.7 × 9.5)	1.6				
3/4" × 5/8" (19 × 15.8)	1.6				
1" × 7/8" (25.4 × 22.2)	1.6		±0.20		
1-1/4" × 1-1/10" (31.8 × 28.0)	1.9		3m	±0.25	
1-1/2" × 1-21/64" (38.1 × 33.7)	2.2				

* Other length is also available

PILAFLO[®] SUPER CLEAN TUBE USING NEW PFA

Features of Super Clean Tube using new PFA

- ① A grade of new PFA providing high inner smoothness
- ② Excellent inner smoothness
- ③ High transparency
- ④ Through production in a clean room

General physical properties

Table 1 General physical properties of Super Clean PFA Tube

Physical properties		Unit	Value
Specific gravity		—	2.15
Tensile strength	23°C	MPa	32.6
	200°C		17.8
Yield point	23°C	MPa	15.4
	200°C		5.9
Elongation	23°C	%	358
	200°C		544
Tensile elastic modulus	23°C	MPa	409.2
	200°C		53.6
Flex life		cycle	1500000

Note : The above values for physical properties are not standard ones, but typical ones.

Inner smoothness

Table 2 Measurement result of surface roughness

		Unit	Super Clean	Conventional product A	Conventional product B
Mean roughness along central line	Ra	μm	0.03	0.25	0.18
Max. height	R max	μm	0.58	3.19	1.74

Fig. 1 Measurement result of surface roughness (Ra)

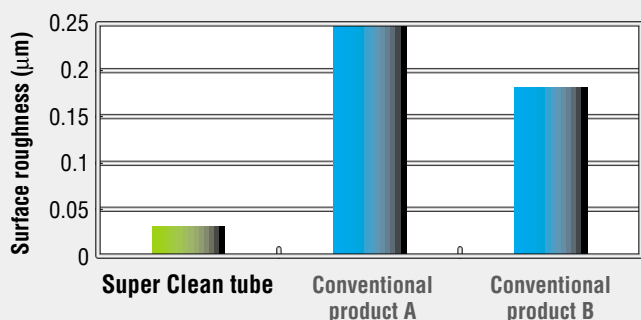
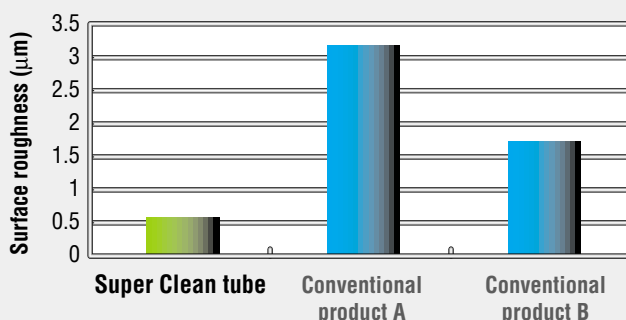


Fig. 2 Measurement result of surface roughness (Rmax)



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*The data on this catalogue are solely for your reference and are not to be construed as constituting a warranty.



CAUTION

- Follow the instructions, before installation and operation, for your safety.