

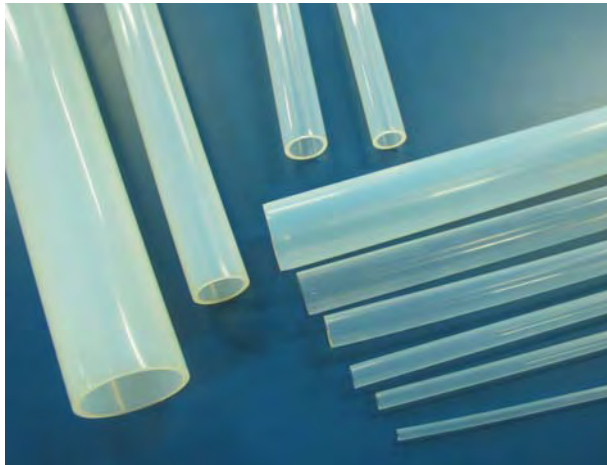


High-Purity PureLine Tube & Pipe

The World Best Knowledge Provider's



PFA Tube, LPP Tube, Pipe



제품 소개 (Product Overview)

- 퓨어라인의 PFA튜브 및 파이프는 어떠한 부식성, 고순도의 영역에도 적용되는 제품입니다.
 - 이 고순도의 PFA 튜브 및 파이프는 표준치수 및 고객의 요구 치수를 만족하는 여러종류로서 제공됩니다.
- PureLine PFA tubing and pipe are well suited for any corrosive or high purity application.
These high purity PFA tubing and pipe are available in various size upon standard and request.

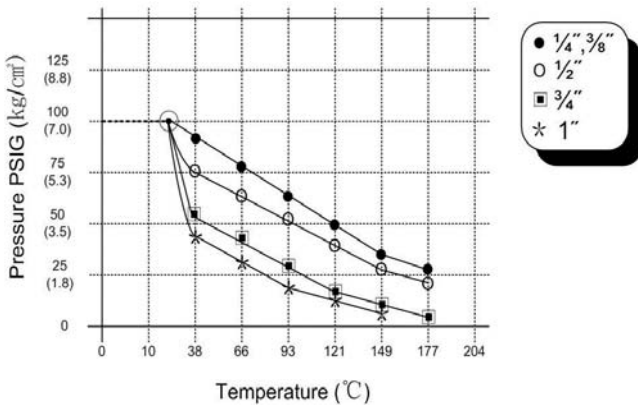
특성 (Features)

- 전 규격의 제품이 순수 PFA 로 공급됩니다.
 - 고순도 약품요건의 반도체산업에 일치되는 조건 실현
- 100% VIRGIN PFA resin used on all products.
Meets the semiconductor industry's ultra high purity chemical requirement.

장점 (Benefits)

- 유로의 방향을 용이하게 확인할수 있는 투명성
 - 용출이온의 최저화
- High transparency for easy checking to flow direction.
Lowest level of extractablesion.

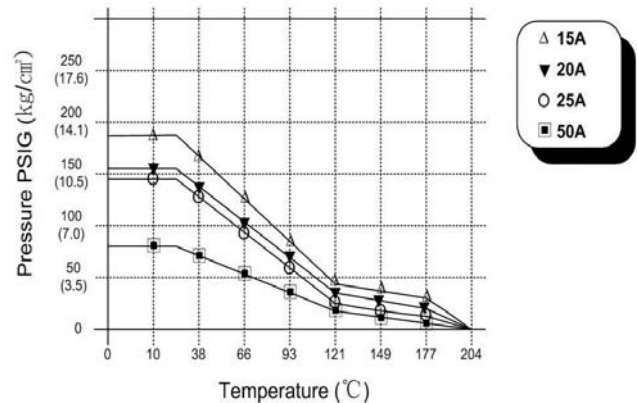
Pressure & Temperature Range (PFA Tube)



Bursting Pressure

1/4"	63 kgf/cm ² .G
3/8"	56 kgf/cm ² .G
1/2"	47 kgf/cm ² .G
3/4"	31 kgf/cm ² .G
1"	23 kgf/cm ² .G

Pressure & Temperature Range (PFA Pipe)



Bursting Pressure

15A	52 kgf/cm ² .G
20A	43 kgf/cm ² .G
25A	37 kgf/cm ² .G
50	25 kgf/cm ² .G

Ordering Information

00 - 04 M - 00 00 - RL - 000

Product Name		
Tube : T		
LPP Tube : LT		
Pipe : P		

Tube & Pipe Size		
inch Tube	mm Tube	inch Pipe
1/4" : 04	Ø6 : 06	15A : 15
3/8" : 06	Ø8 : 08	20A : 20
1/2" : 08	Ø12 : 12	25A : 25
3/4" : 12	Ø15 : 15	40A : 40
1" : 16		50A : 50
1-1/2" : 20		

Resin Grade	
High Purity: HP	
Standard : SD	

Type	
Roll : RL	
Straight : ST	

Resin	
PFA : 01	
PVDF : 02	
PFA+CPT : 03	

Length : Unit (Meter)	
3M : 003	
100M : 100	
200M : 200	

Tube & Pipe Standard	
inch : I	
millimetre : M	

Dimensions Table

Inch Tube & Pipe

Products		Nominal	O.D tolerance	Wall th'k	Wall tolerance	Length	Length tolerance
Tube	T-1/4"	6.35mm	+/- . 102mm	1.194mm	+/- . 102mm	100M	+2%
	T-3/8"	9.53mm	+/- . 102mm	1.574mm	+/- . 127mm		-0
	T-1/2"	12.70mm	+/- . 127mm	1.574mm	+/- . 127mm		
	T-3/4"	19.05mm	+/- . 127mm	1.574mm	+/- . 127mm		
	T-1"	25.40mm	+/- . 127mm	1.574mm	+/- . 127mm		
	T-1-1/2"	40.00mm	+/- . 203mm	2.184mm	+/- . 127mm		
Pipe	P-1/2"	21.34mm	+/- . 127mm	2.768mm	+/- . 254mm	3M	+0.15%
	P-3/4"	26.67mm	+/- . 254mm	2.870mm	+/- . 254mm		-0
	P-1"	33.40mm	+/- . 381mm	3.378mm	+/- . 381mm		
	P-1-1/2"	50.50mm	+/- . 508mm	3.700mm	+/- . 381mm		
	P-2"	60.33mm	+/- . 508mm	3.911mm	+/- . 381mm		

mm Tube

Products		Nominal	O.D tolerance	Wall th'k	Wall tolerance	Length	Length tolerance
Tube	Ø6	6mm	+/- . 102mm	1mm	+/- . 102mm	100M	+2%
	Ø8	8mm	+/- . 102mm	1mm	+/- . 102mm		-0
	Ø12	12mm	+/- . 127mm	1mm	+/- . 127mm		
	Ø15	15mm	+/- . 127mm	1.2mm	+/- . 127mm		

제품 소개 (Product Overview)

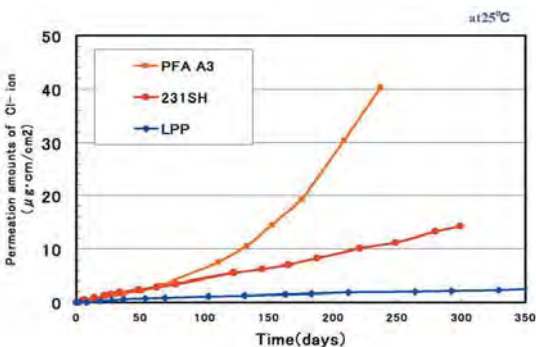
- Multi Layer Tube 는, 불산, 질산, 암모니아, 염산, 등의 침투성이 강한 라인의 배관제로 사용됩니다.
- 빛에 의한 침식작용을 막기위해, PFA 배관외면을 CPT로 감싸도록 제작되었습니다.
- 전 규격의 제품이 순수 PFA + CPT 로 공급되며 고순도 약품요건인 반도체 및 LCD, 정유, 화학 Plant, 원자력발전소 의학 및 제약산업에 까지 두루 적용 할 수 있습니다.

Multi Layer Tube is suited for using Tube linest hat infiltrated well by fluoric acid, nitric, acid, ammonia, hydrochloric acid, and so on..

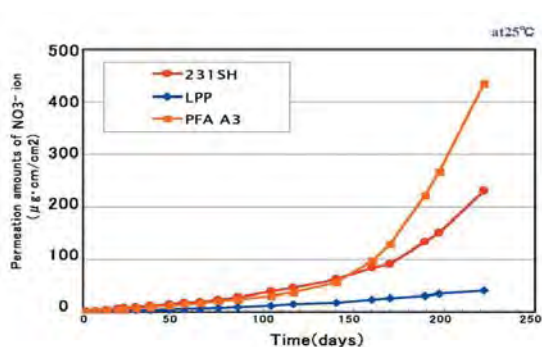
Because of being covered with CPT, PFA Tube's surface is protected from permeation in light

You can use it in all ranges - semiconductors, LCD, refined oil, chemistry plant, atomic plant, and medical industry that request ultra puruty chemicals because all products are made by PFA + CPA

염산 (35% HCl) Permeation

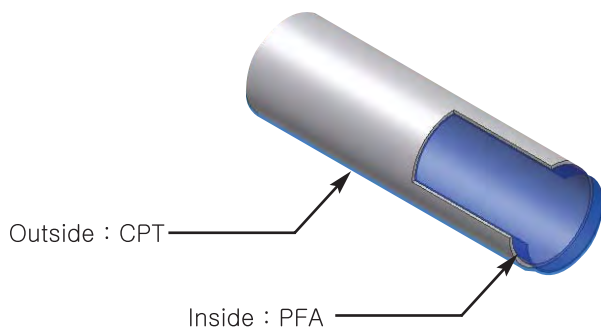
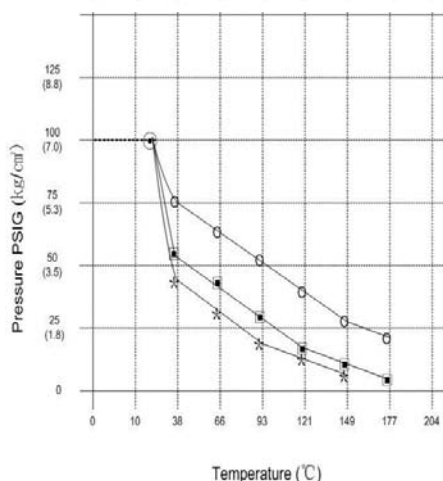


RA (98% HN03) Stripper Permeation



Multi Layer Tube

LPP Tube 사용압력 및 온도 범위 (Pressure & Temperature Range)



▶ LPP Tube Flaring 파괴압력(Bursting Pressure)

1/2"	52kgf/cm ² .G
3/4"	33kgf/cm ² .G
1"	25kgf/cm ² .G

Inch LPP Tube

Products	Dimension Table					
	Nominal O.D	Tolerance	Wall Thickness	Tolerance	PFA Wall Th'k	CPT Wall Th'k
1/2"	12.7mm	+/- .127mm	1.574mm	+/- .127mm	1.074mm	1.074mm
3/4"	19.05mm	+/- .127mm	1.574mm	+/- .127mm	1.074mm	0.5mm
1"	25.4mm	+/- .127mm	1.574mm	+/- .127mm	1.074mm	0.5mm