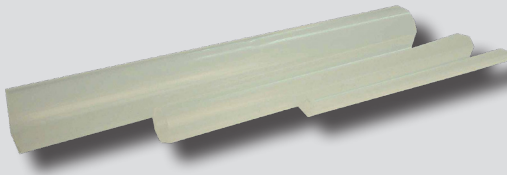


PFA, PTFE series



Features

PTFE (Polytetrafluoroethylene)

- Representative product among the kinds of tetrafluoroethylene. Its continuous service temperature is 260°C and the general characteristics are similar to PFA. It is widely used in various industrial fields such as electrical industry, electronics industry, chemical industry, medical device industry, and semiconductor industry.

PFA (Perfluoroalkoxy)

- When compared with PTFE, it is superior in the standard intensity of surface illumination. Therefore, almost no dust or foreign matters are attached to it. It is applicable to almost all fluids due to the excellent chemical resistance.
- As it is excellent in transparency, you can see the fluid inside.
- As it is excellent against weathering and corrosion, it does not age.

How to Order

PTFE **4-2**

① ②

① Series

PFA	Teflon tube (PFA)
PTFE	Teflon tube (PTFE)

② Outer diameter & Inner diameter

Metric				Inch	
4-2	Ø4-Ø2	12-10	Ø12-Ø10	1/4	Ø6.35-Ø4.5
6-4	Ø6-Ø4	14-12	Ø14-Ø12	3/8	Ø9.5-Ø7
8-6	Ø8-Ø6	16-14	Ø16-Ø14	1/2	Ø12.7-Ø9.5
10-8	Ø10-Ø8	18-16	Ø18-Ø16	3/4	Ø19-Ø16
				1	Ø25.4-Ø22

※Required Min. order quantity

Specifications

Model	Outer diameter mm	Inner diameter mm	Fracture pressure kgf/cm ² (at 20°C)	Min. bending radius mm	Max. working pressure kgf/cm ² (at 20°C)	Length m	Temperature	Fluid	Material	Color
PFA4-2	4	2	100	25	25	100	-65°C ~260°C	Air, water, chemical	PFA TUBE: PFA	PFA Tube: Clear
PFAE6-4	6	4	65	30	16	100				
PFA8-6	8	6	45	50	11	100				
PFA10-8	10	8	35	70	8	50				
PFA12-10	12	10	30	100	7	50				
PFA14-12	14	12	24	150	6	50				
PFA16-14	16	14	18	-	4	-			PTFE TUBE: PTFE	PTFE Tube: Translucence white
PFA19-17	19	17	12	400	3	50				
PFA1/4	6.35	3.96	70	45	17	100				
PFA3/8	9.5	6.5	60	60	15	50				
PFA1/2	12.7	9.7	45	90	13	50				
PFA3/4	19	16	24	400	6	50				
PFA1	26	23	-	-	-	-				

Features of Teflon

Non-sticky properties : Prevents from surface fouling.

Heat resistance : It can stand up to 300°C for short period use, while Teflon FEP's continuous operating temperature is 232°C.

Low friction coefficient : Slightly different depends on speed and load, basically it is 0.5 to 0.2.

Non oil-based : Protects surface from oil and water, easy to be cleaned saving maintenance cost and improve productivity.

Chemical resistance : It is stable for all chemicals except alkali metal.