

PTFE Sheet/Rod/Tube



FEATURES

- Excellent chemical resistance
- Low coefficient of friction
- High operating temperature and stability
- Physiological insert (virgin)
- Excellent electrical properties

APPLICATIONS

Suitable for corrosion resistant liner, seal, lining and gasket, guide rail, dielectric material for different frequency, bridge bearing slide, etc.

SPECIFICATIONS

Skived Sheet			
Width (mm)	Thickness (mm)	Length (m)	Color
1000,1200,1500,2000	0.2-6	Customized on request	White

Sheet			
Length (mm)	Width (mm)	Thickness (mm)	Color
1200	1200	1-80	White
1500	1500		
2000	1000		

Rod			
Type	O.D. (mm)	Length (mm)	Color
Compressed	15-300	300	White
Extruded	10-200	1000	

Tube				
Type	O.D. (mm)	Wall Thickness (mm)	Length (mm)	Color
Soft Tube	4-14	2	100,000	White
Hard Tube	20-35	5-12.5	150	
	40-160	7.5-62.5	300	

PROPERTIES

Item	Units	Value
Density	g/cm ³	2.2-2.3
Water Absorption	%	< 0.01
Working Temperature	°C	-180~260
Tensile Strength	Mpa	14
Elongation at Break	%	140
Izod Impact	KJ/m ²	13
Hardness	Shore A	60~80
Linear Expansion Coefficient	10 ⁻⁵ cm/cm°C	1.05
Thermal Deformation Temperature	°C	150
Surface Resistivity	Ω·cm	10 ¹⁶
Dielectric Strength	KV/mm	10