

PTL Series Polytetrafluoroethylene Pipe (PTFE)



PTL

Polytetrafluoroethylene Pipe (PTFE)



Product Features

- High and low temperature resistance, continuous use temperature -80°C – 260°C
- Corrosion resistance (strong acid, alkali, chemical agent, oil resistance).
- High voltage resistance (30KV/mm), good insulation performance.
- Suitable for aerospace electrical appliances, electronic transformer leads, chemical equipment diversion, tracing pipe, cable lining.

Specifications

Model Number	PTL040X025	PTL060X040	PTL080X060	PTL100X075	PTL120X090	PTL160X130	PTL190X160	
Dimensions	O.DXl.D(mm)	4X2.5	6X4	8X6	10X7.5	12X9	16X13	19X16
	Package length (m)	100	100	10	100	100	100	100
Relative density	2.14~2.20							
Tensile strength (MPa)	≥ 25							
Tensile yield strength (MPa)	≥ 11							
Elongation (%)	≥ 300							
Arc resistance	>300							
Hardness (D)	59~63							
Melting point ($^{\circ}\text{C}$)	327							
Continuous service temperature ($^{\circ}\text{C}$)	-80 ~ 260							
Oxygen index (%)	>90							
Water absorption rate (%)	<0.01							
Linear expansion coefficient ($\times 105^{\circ}\text{C}$) 21~100	10							
Breakdown strength (kv/mm)	≥ 30							
Volume resistivity (Q.m)	1×10^{18}							