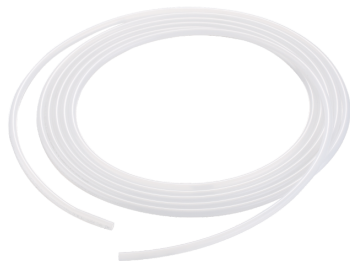


PTQ

PTFE Pipe



Product Features

- Materials: Inner layer: special fluorine resin, outer layer special nylon
- Resin fluid: air, water, inert gas, solvent, paint
- Fluid temperature: -20°C ~ $+100^{\circ}\text{C}$
- High temperature resistance, corrosion resistance, chemical solvent resistance
- Application in spraying industry

Specifications

Model Number	PTQ040x025	PTQ060x040	PTQ080x060	PTQ100x075	PTQ1200x090
Use fluid	Air, water, inert gases, solvents, paint				
Maximum service pressure	Refer to table below				
Minimum bending radius	4mm	9mm	26mm	40mm	37mm
Service temperature	-20°C ~ $+100^{\circ}\text{C}$				

Applicable Fluid Table

The liquid in the table is the chemical liquid of insensitive pipe material * Note 1), but due to the temperature, pressure and concentration of the liquid resulting in penetration and expansion, there are still occasions that cause problems. When the tube is used in the environment of liquid medicine, please conduct adequate test in the same environment. Make sure it is used in the conditions and without any problems before it is put into actual use.

Drug name	Hydrochloric acid	Sulfuric acid	Nitric acid	Caustic soda	Caustic potash	Chlorine water	Hydrogen peroxide	Water	Phenol	Benzene	Toluene
Inner layer (special fluorine resin)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Outer layer (special nylon resin)	○	○	X	○	○	✓	○	✓	X	○	○
Drug name	Xylene	Carbon tetrachloride	Acetone	Butanone	Citric acid	Stearic acid	Formic acid	Ethylacetate	Butylacetate	Methanol	Ethanol
Inner layer (special fluorine resin)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Outer layer (special nylon resin)	○	X	○	○	○	○	○	✓	○	✓	✓
Drug name	Butanol	Isopropyl alcohol	Fibrinolytic agent	Hexane	Cyclohexane	Mineral oil ASTMNo.3	Naphtha				
Inner layer (special fluorine resin)	✓	✓	○	✓	✓	✓	✓				
Outer layer (special nylon resin)	✓	✓	○	○	○	✓	✓				

Note 1) Chemical insensitivity means that no obvious chemical reaction takes place.

Note 2) Base of judgment, V can be used ;0 measure better do not use; x can not be used.

Note 3) The "Applicable fluid table" is a reference value obtained by testing under certain conditions and is not a value that is guaranteed to be used.

Note 4) The "Applicable fluid table" is for the material of the pipe. Please consult separately for use in environments such as solvents.

Maximum service pressure

Temperature(°C)	Unite: MPa				
	PTQ040X025	PTQ060X040	PTQ080X060	PTQ100X075	PTQ120X090
-20~20	2.0	1.9	1.5	1.1	1.2
30	1.7	1.6	1.2	0.9	1.0
40	1.4	1.4	1.0	0.8	0.9
50	1.2	1.1	0.8	0.6	0.8
60	1.1	1.0	0.7	0.5	0.7
70	1.0	0.9	0.6	0.4	0.6
80	0.9	0.8	0.5	0.4	0.5
90	0.8	0.7	0.4	0.3	0.4
100	0.7	0.6	0.4	0.3	0.3