

## PTPS

### Soft Polyolefin Tube



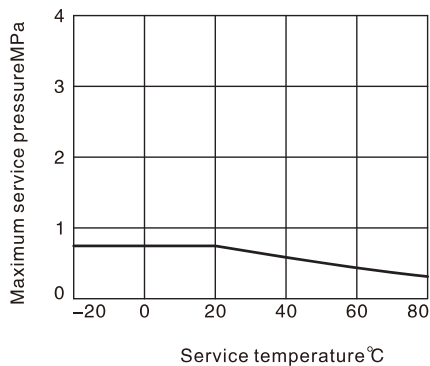
#### Product Features

- Material: polyolefin resin
- Fluid: air, water, nitrogen, general acid and base.
- Fluid temperature:  $-20^{\circ}\text{C}+80^{\circ}\text{C}$ .
- Good low temperature resistance, chemical stability, resistance to most acid and base erosion.
- At room temperature, alkali, hydrofluoric acid, phosphoric acid, formic acid, nitrogen, sodium hydroxide, hydrogen oxidation Potassium and other chemicals attack.
- Resistance to hydrolysis and oil.
- Meet FDA food grade requirements, can be used in food, medical, semiconductor equipment, etc.
- This product is especially suitable for electrolytes, nitrogen, and pure water.

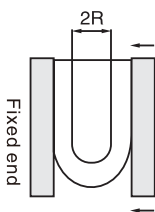
#### Specifications

Model Number	PTPS040X025	PTPS060X040	PTPS080X050	PTPS080X060	PTPS100X065	PTPS120X080	PTPS120X090
Use fluid	Air, water, chlorine, general acid and base						
Maximum working pressure (at 20°C)	0.8MPa						
Maximum service pressure	Refer to graph of maximum operating pressure						
Minimum bending radius	10mm	15mm	20mm	40mm	30mm	35mm	60mm
Service temperature	$-20^{\circ}\text{C}\sim+80^{\circ}\text{C}$						

#### Cyclic Pressure Characteristic Curve and Service Pressure



#### Method for Determination of Minimum Bending Radius



Under the condition of temperature  $20^{\circ}\text{C}$ , let the pipe bend into a U-shape, one end is fixed, the other end slowly close, the pipe bending, flattening, etc.

- Note: 1、 This product mainly used gas, water, use other media please contact the company.  
 2、 The minimum bending radius is in the temperature of  $20^{\circ}\text{C}$ , the measurement of bending value.