

## PTPH

### Hard Polyolefin Tube (TPH)



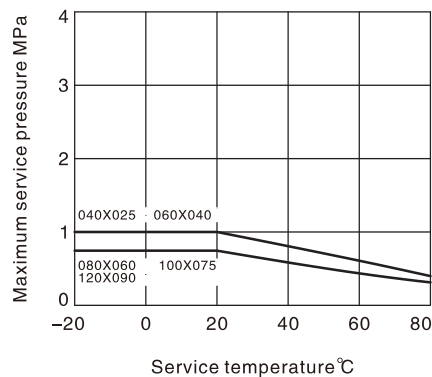
#### Product Features

- Material: polyolefin resin
- Fluid: air, water, general acid and base
- Fluid temperature:  $-20^{\circ}\text{C}$ – $+80^{\circ}\text{C}$
- It has good low temperature resistance, chemical stability,
- Resistant to most acid and base erosion,
- At room temperature, salt, hydrofluoric acid, phosphoric acid, formic acid, hydrogen, sodium hydroxide, potassium oxide and other chemical substances invasion
- Hydrolysis resistance, oil resistance
- Meet FDA food grade requirements, can be used in food, medical, emiconductor equipment, etc.
- This product is especially suitable for electrolytes, nitrogen and pure water.

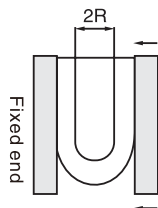
#### Specifications

Model Number	PTPH040X025	PTPH060X040	PTPH080X050	PTPH080X060	PTPH100X065	PTPH120X080	PTPH120X090
Use fluid	Air, water						
Maximum working pressure (at $20^{\circ}\text{C}$ )	0.8MPa						
Maximum service pressure	Refer to graph of maximum operating pressure						
Minimum bending radius	13mm	24mm	20mm	40mm	50mm	60mm	60mm
Service temperature	$-20^{\circ}\text{C}$ – $+80^{\circ}\text{C}$						

#### 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.