Clean Tubing: Polyolefin Tubing TPH Series





Complies with FDA (Food and Drug Administration) §175.300 dissolution test

	Applicable —: Non-conformance
White (W)	•
Black (B)	_
Red (R)	_
Blue (BU)	•
Yellow (Y)	•
Green (G)	_

Model/Specifications

● — 20 m roll □ — 100 m roll

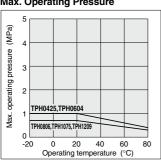
Model	TPH0425	TPH0604	TPH0806	TPH1075	TPH1209
O.D. (mm)	4	6	8	10	12
I.D. (mm)	2.5	4	6	7.5	9
White (W) Black (B) Red (R) Blue (BU) Yellow (Y) Green (G)					

Fluid		Air/Nitrogen gas/Water/DI water (Pure water) (1)					
Max. operating pressure (MPa)	20°C	1	1	0.7	0.7	0.7	
	40°C	0.8	0.8	0.57	0.57	0.57	
	60°C	0.6	0.6	0.43	0.43	0.43	
	80°C	0.4	0.4	0.3	0.3	0.3	
Min. bending radius (mm)		15	25	35	45	55	
Applicable fit	tings	Clean one-touch fittings One-touch fittings, Metal: KQB2 series One-touch fittings, Stainless steel 316: KQG2 series Insert fittings					
Operating temp	erature	− 20 to 80°C, For water 5 to 80°C					
Material		Polyolefin resin					

Note 1) Please consult with SMC regarding other fluids.

- Note 2) Abnormal temperature rise caused by adiabatic compression may result in the tube
- Note 3) The minimum bending radius indicates the value at a temperature of 20°C with an outside diameter rate of change of 10% or less.
- Note 4) Polyolefin resin is not suitable for regular pneumatic equipment piping because it is not resistant to mineral oil.

Max. Operating Pressure



How to Order

