

Clean Tubing: Polyolefin Tubing **TPH Series**

RoHS



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 fittings		Clean one-touch fittings One-touch fittings, Metal: KQB2 series One-touch fittings, Stainless steel 316: KQG2 series Insert fittings				
Operating temperature		- 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 bursting.

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.

How to Order

TPH0604 B - 20

Tubing model ●

Color ●

Length per roll ●

Symbol	Color
W	White (Material color)
B	Black (Opaque)
R	Red (Opaque)
BU	Blue (Opaque)
Y	Yellow (Opaque)
G	Green (Opaque)

Symbol	Length
20	20 m roll
100	100 m roll

Max. Operating Pressure

