

Clean Tubing: Soft Polyolefin Tubing **TPS 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	TPS0425	TPS0604	TPS0805	TPS1065	TPS1208
O.D. (mm)	4	6	8	10	12
I.D. (mm)	2.5	4	5	6.5	8

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	0.7				
	40°C	0.58				
	60°C	0.46				
	80°C	0.33				
Min. bending radius (mm)		10	20	25	30	40
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

TPS0604 B - 20

Tubing model ●

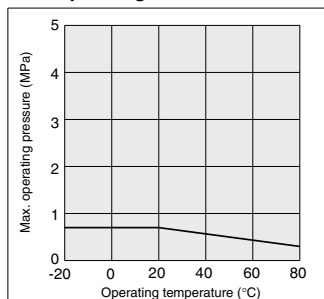
Color ●

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



KQ2

KQB2

KS
KX

KM

KF

M

H/DL
L/LL

KC

KK

KK130

DM

KDM

KB

KR

KA

KQG2

KG

KFG2

MS

KKA

KP

LQ

MQR

T

IDK