

# TPH, TPS

● <b>Материал</b>		Типоразмер		Макс. рабочее давление (МПа)	Мин. радиус изгиба (мм)	Рабочая t (°C)
		Наруж. Ø	Внутр. Ø			
<b>TPH</b>	Полиэтилен	<b>0425</b>	4	2.5	1.0	15
		<b>0604</b>	6	4		25
		<b>0806</b>	8	6	0.7	35
		<b>1075</b>	10	7.5		45
		<b>1209</b>	12	9		55
<b>TPS</b>	Мягкий полиэтилен	<b>0425</b>	4	2.5	0.7	10
		<b>0604</b>	6	4		20
		<b>0805</b>	8	5		25
		<b>1065</b>	10	6.5		30
		<b>1208</b>	12	8		40

● <b>Рулон</b>	
<b>20</b>	20м
<b>100</b>	100м

● <b>Цвет</b>	
<b>B</b>	черный
<b>W</b>	белый
<b>R</b>	красный
<b>BU</b>	синий
<b>Y</b>	желтый
<b>G</b>	зеленый



# Clean Tubing: Polyolefin Tubing Series *TPH*

RoHS



## Model/Specifications

● — 20 m roll □ — 100 m reel

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 (Pure water) <sup>(1)</sup>				
Max. operating pressure (at 20°C)	1.0 MPa <sup>(2)</sup>		0.7 MPa <sup>(2)</sup>		
Min. bending radius (mm)	15	25	35	45	55
Burst pressure	Refer to the burst pressure characteristics curve.				
Applicable fittings	Clean one-touch fittings One-touch fittings, brass: Series KQB One-touch fittings, Stainless steel 316: Series KQG Insert fitting				
Operating temperature	- 20 to 80°C, For water 5 to 80°C				
Material	Polyolefin resin				

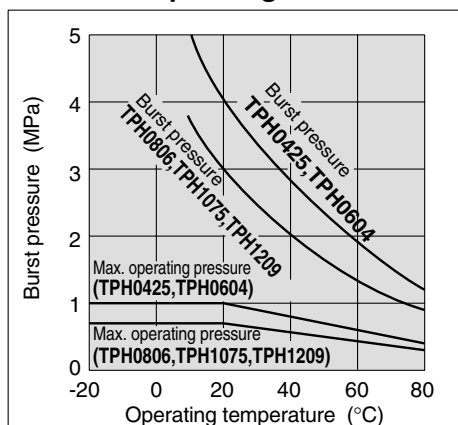
Note 1) Please consult with SMC regarding other fluids.

Note 2) The maximum operating pressure is the value at 20°C. Refer to the burst pressure characteristics curve for other temperatures. Furthermore, an abnormal temperature rise due to adiabatic compression can cause tubing to burst.

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. At higher temperatures the outside diameter rate of change may exceed 10% within the minimum bending radius.

Note 4) Polyolefin resin is not suitable for regular pneumatic equipment piping because it is not resistant to mineral oil.

## Burst Pressure Characteristics Curve and Operating Pressure



## How to Order

**TPH0604 B - 20**

Tubing model ●

Color ●

Length per roll ●

Symbol	Color
W	White
B	Black
R	Red
BU	Blue
Y	Yellow
G	Green

Symbol	Length
20	20 m roll
100	100 m reel

# Clean Tubing: Soft Polyolefin Tubing Series *TPS*

RoHS



## Model/Specifications

● — 20 m roll □ — 100 m reel

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 (Pure water) <sup>(1)</sup>				
Max. operating pressure (at 20°C)	0.7 MPa <sup>(2)</sup>				
Min. bending radius (mm)	10	20	25	30	40
Burst pressure	Refer to the burst pressure characteristics curve.				
Applicable fittings	Clean one-touch fittings One-touch fittings, brass: Series KQB One-touch fittings, Stainless steel 316: Series KQG Insert fitting				
Operating temperature	- 20 to 80°C, For water 5 to 80°C				
Material	Polyolefin resin				

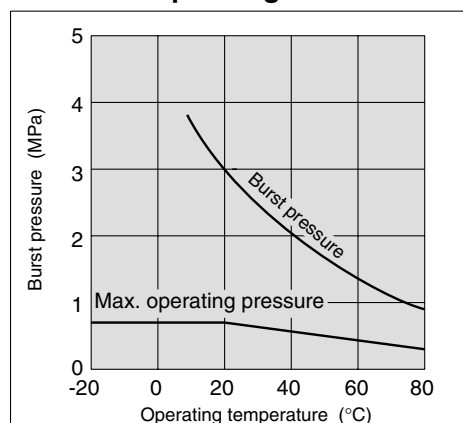
Note 1) Please consult with SMC regarding other fluids.

Note 2) The maximum operating pressure is the value at 20°C. Refer to the burst pressure characteristics curve for other temperatures. Furthermore, an abnormal temperature rise due to adiabatic compression can cause tubing to burst.

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. At higher temperatures the outside diameter rate of change may exceed 10% within the minimum bending radius.

Note 4) Polyolefin resin is not suitable for regular pneumatic equipment piping because it is not resistant to mineral oil.

## Burst Pressure Characteristics Curve and Operating Pressure



## How to Order

**TPS0604 B - 20**

Tubing model

Color

Length per roll

Symbol	Color
W	White
B	Black
R	Red
BU	Blue
Y	Yellow
G	Green

Symbol	Length
20	20 m roll
100	100 m reel