

Series **TPH**

Clean tubing
Polyolefin tubing

How to Order



TPH0604 B 20

Tubing model ●

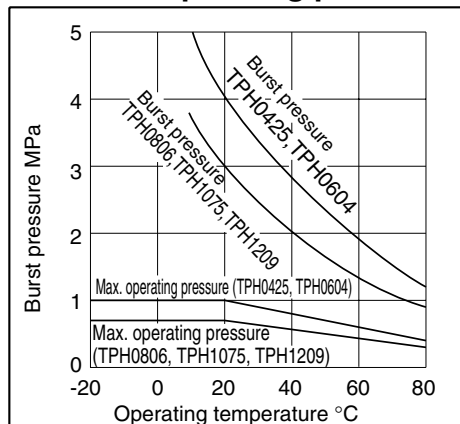
Color ●

●Length per roll

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

Symbol	Length
20	20m roll
100	100m reel

Burst pressure characteristics curve and operating pressure



Model

●—20m roll □—100m 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)	●	●	●	●	●

Specifications

Fluid	Air, nitrogen, water (Deionized water) ^{Note 1)}				
Max. operating pressure (20°C)	1.0MPa ^{Note 2)}		0.7MPa ^{Note 2)}		
Min. bending radius (mm)	15	25	35	45	55
Burst pressure	Please refer to the burst pressure characteristics curve.				
Operating temperature	-20 to 80°C, for water 5 to 80°C (No freezing)				
Material	Polyolefin resin				
Particle generation grade (Please refer to front matters 13 to 22 for details.)	Grade 1				

Note 1) Please consult with SMC regarding other fluids.

Note 2) The maximum operating pressure is the value at 20°C. Please 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 change rate of 10% or less. At higher temperatures, the outside diameter change rate may exceed 10% within the minimum bending radius.

⚠ Caution

Series TPH was specially designed for clean blowing and washing lines. Please consult with SMC for use in other applications.
Materials: The durability of polyolefin resin against mineral oils is inferior. Because of this, it is unsuitable for general pneumatic equipment lines.