

Clean
Tubing

Soft Polyolefin Tubing Series *TPS*

Series

● -20m bundle □ -100m bundle



Designation	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)	●	●	●	●	●

Specifications

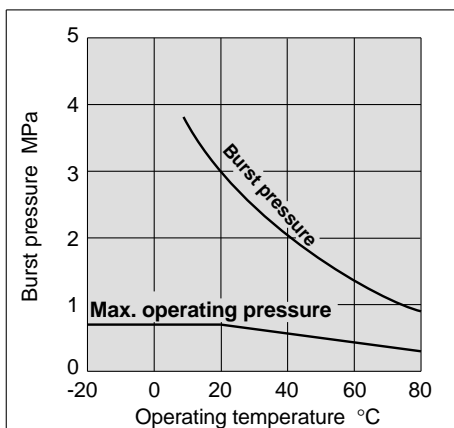
Fluid	Air, Nitrogen gas, Water (pure water) Note 1)				
Maximum operating pressure (at 20°C)	0.7MPa Note 2)				
Min. bending radius mm	10	20	25	30	40
Burst pressure	Refer to the burst pressure characteristics curve.				
Operating temperature	-20 to 80°C, For water 5 to 80°C				
Material	Polyolefin resin				

Note 1) Consult 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.

Burst Pressure Characteristics Curve and Operating Pressure



How to Order

TPS0604 B 20

Tubing designation

Color

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

Roll length

Symbol	Length
20	20m bundle
100	100m bundle