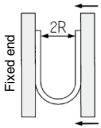


Hard Polyurethane Tubing/Standard Type

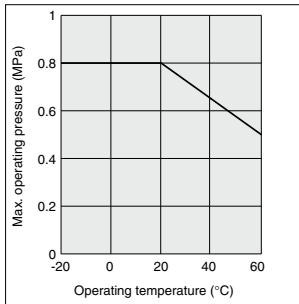
TUH Series

RoHS



Bend the tube into U-form at a temperature of 20°C. Fix one end and close loop gradually. Measure 2R when the tube breaks or is crushed.

Max. Operating Pressure



Precautions

Be sure to read this before handling the products. Refer to page 11 for safety instructions and pages 14 to 18 for fittings and tubing precautions.

Caution

- Please consult with SMC regarding other fluids. Because ester polyurethane is used, water cannot be used due to the occurrence of hydrolysis.
- Abnormal temperature rise caused by adiabatic compression may result in the tube bursting.
- The value of the minimum bending radius is measured at the temperature of 20°C as shown in the figure above.

Model/Specifications

● — 20 m roll □ — 100 m roll

Model	TUH0428	TUH0644	TUH0858	TUH1073	TUH1288
O.D. (mm)	4	6	8	10	12
I.D. (mm)	2.8	4.4	5.8	7.3	8.8

Color	TUH0428	TUH0644	TUH0858	TUH1073	TUH1288
Black (B)	●	●	●	●	●
White (W)	●	●	●	●	●
Blue (BU)	●	●	●	●	●
Translucent (N)	●	●	●	●	●

Fluid	Air				
Max operating pressure (MPa)	20°C	0.8			
	40°C	0.65			
	60°C	0.5			
Operating vacuum pressure (kPa) ^(Note 1)	-101.3				
Applicable fittings	One-touch fittings				
Min. bending radius (mm)	10	18	24	30	36
Operating temperature	-20 to 60°C				
Material	Polyurethane				

Note 1) The operating vacuum pressure varies depending on the applicable fitting, so refer to the fitting specifications for details.

How to Order

TUH0644

B

20

Tubing model ●

● Length per roll

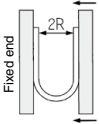
Symbol	Length
20	20 m roll
100	100 m roll

● Color

Symbol	Color
B	Black (Opaque)
W	White (Opaque)
BU	Blue (Translucent)
N	Translucent (Material color)

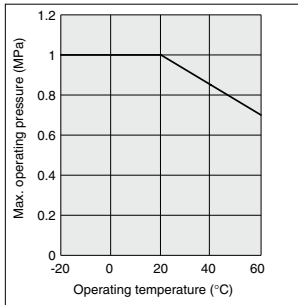
Hard Polyurethane Tubing/High Pressure Type *TUH Series*

RoHS



Bend the tube into U-form at a temperature of 20°C. Fix one end and close loop gradually. Measure 2R when the tube breaks or is crushed.

Max. Operating Pressure



Model/Specifications

● — 20 m roll □ — 100 m roll

Model	TUH0425	TUH0604	TUH0805	TUH1065	TUH1208
O.D. (mm)	4	6	8	10	12
I.D. (mm)	2.5	4	5	6.5	8

	●	●	●	●	●
Black (B)	●	●	●	●	●
White (W)	●	●	●	●	●
Blue (BU)	●	●	●	●	●
Translucent (N)	●	●	●	●	●

Fluid	Air				
Max operating pressure (MPa)	20°C	1.0			
	40°C	0.85			
	60°C	0.7			
Operating vacuum pressure (kPa) ^{Note 1)}	-101.3				
Applicable fittings	One-touch fittings, Insert fittings, Miniature fittings				
Min. bending radius (mm)	10	15	20	27	35
Operating temperature	-20 to 60°C				
Material	Polyurethane				

Note 1) The operating vacuum pressure varies depending on the applicable fitting, so refer to the fitting specifications for details.

How to Order

TUH0604 **B** - **20**

Tubing model ●

● Length per roll

Symbol	Length
20	20 m roll
100	100 m roll

● Color

Symbol	Color
B	Black (Opaque)
W	White (Opaque)
BU	Blue (Translucent)
N	Translucent (Material color)

⚠ Precautions

Be sure to read this before handling the products. Refer to page 11 for safety instructions and pages 14 to 18 for fittings and tubing precautions.

⚠ Caution

- Please consult with SMC regarding other fluids. Because ester polyurethane is used, water cannot be used due to the occurrence of hydrolysis.
- Abnormal temperature rise caused by adiabatic compression may result in the tube bursting.
- The value of the minimum bending radius is measured at the temperature of 20°C as shown in the figure above.