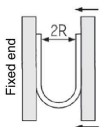


Hard Polyurethane Tubing/Standard Type

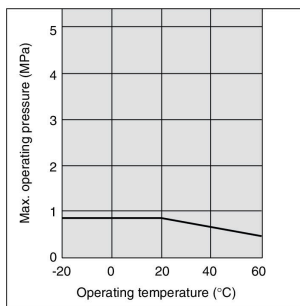
TUH Series

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 back page 50 for Safety Instructions and pages 13 to 17 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

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				
Applicable fittings		One-touch fittings				
Min. bending radius (mm)		10	18	24	30	36
Operating temperature		-20 to 60°C				
Material		Polyurethane				

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)