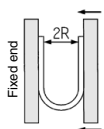


Hard Polyurethane Tubing/Standard Type

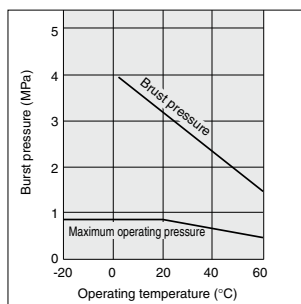
Series *TUH*

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.

Burst Pressure Characteristics Curve and Operating Pressure



Precautions

Be sure to read before handling.
Refer to front matter 56 for Safety Instructions and pages 13 to 16 for Fittings and Tubing Precautions.

Caution

1. Please consult with SMC regarding other fluids. Because ester polyurethane is used, water cannot be used due to the occurrence of hydrolysis.
2. The value of the max. operating pressure is at a temperature of 20°C. Refer to the burst pressure characteristics curve for other temperatures. Furthermore, abnormal temperature rises caused by adiabatic compression may result in the burst of the tube.
3. 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 (at 20°C)	0.8 MPa				
Applicable fittings	One-touch fittings				
Min. bending radius (mm)	10	18	24	30	36
Burst pressure	Refer to the burst pressure characteristics curve.				
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
W	White
BU	Blue
N	Translucent

KQ2

KQ82

KS
KX

KM

KF

M

H/DL
L/LL

KC

KK

KK130

DM

KDM

KB

KR

KA

KQ62

KG

KFG2

MS

KKA

KP

LQ

MQR

T