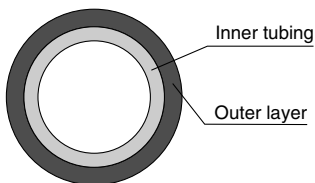
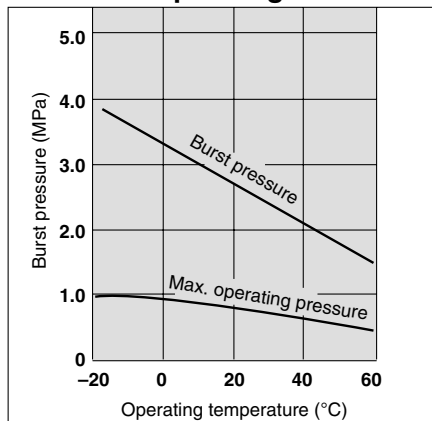


Flame Resistant (Equivalent to UL-94 Standard V-0) FR Double Layer Polyurethane Tubing Series **TRBU**



Sectional view of FR double layer tubing

Burst Pressure Characteristics Curve and Operating Pressure



⚠️ Precautions

Be sure to read before handling. Refer to pages 15-18-3 to 4 for Safety Instructions and Common Precautions on the products mentioned in this catalog, and refer to pages 15-1-10 to 11 for Precautions on every series.

⚠️ Caution

- Applicable for general industrial water. Please consult with SMC if using for the other kind of fluid. Also, the surge voltage pressure must be under the maximum operating pressure.
- 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.
- The minimum bending radius indicates the value at which the tube will fold at a temperature of 20°C.

Model

● — 20 m roll □ — 100 m reel

Model	TRBU0604	TRBU0805	TRBU1065	TRBU1208
Inner tubing O.D. (mm)	6	8	10	12
Inner tubing I.D. (mm)	4	5	6.5	8
External layer thickness (mm)	1	1	1	1
External layer color <small>(Note)</small>	Black (B)	●	●	●
	White (W)	●	●	●
	Red (R)	●	●	●
	Blue (BU)	●	●	●
	Yellow (Y)	●	●	●
	Green (G)	●	●	●
Minimum bending radius (mm)	15	20	27	35

Specifications

Fluid	Air/Water
Max. operating pressure (at 20°C)	0.8 MPa
Burst pressure	Refer to the burst pressure characteristics curve.
Ambient and fluid temperature	-20 to 60°C Water: 0 to 40°C (No freezing)
Material	Internal tubing
	Outer layer
	Polyurethane
	Polyolefin (Equivalent to UL-94 standard V-0)

Note) The color of all inner tubing is black.

How to Order

TRBU1065 **B** — **100**

Tubing model ●

● Length per roll

Symbol	Length
20	20 m roll
100	100 m reel

● Color

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

K□

M□

H□

D□

MS

T□

VMG

Series TRBU

Installation on One-touch Fittings

Caution

Lengths of tubes to be inserted into One-touch fittings are indicated on the outer layer of TRBU tubes. Cut the tube according to this indication, (Step 1) and then strip off the outer layer (Step 2) for installing into fittings.

