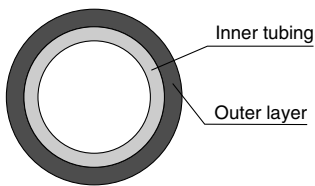
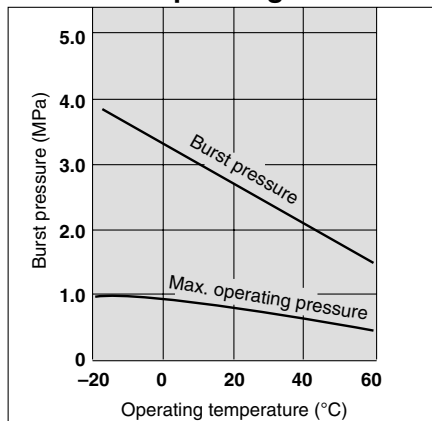


# Flame Resistant (Equivalent to UL-94 Standard V-0) FR Double Layer Polyurethane Tubing Series **TRBU**



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