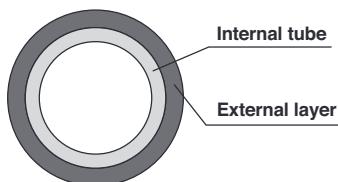


Flame Resistant
(Equivalent to UL-94 Standard V-0)
FR Double Layer Polyurethane tubing
Series TRBU

RoHS



Sectional view of FR double layer tube

Series Table

● - 20m bundle □ - 100m reel

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

Specifications

Fluid	Air, Water <small>Note 2)</small>	
Maximum operating pressure (at 20°C) <small>Note 3)</small>	0.8MPa {8.2kgf/cm ² }	
Burst pressure	Refer to burst pressure characteristics curve	
Ambient and fluid temperature	-20 to 60°C For water 0 to 40°C (without freezing)	
Materials	Internal tube	Polyurethane
	External layer	Polyolefin (equivalent to UL-94 standard V-0)

Note 1) The colour of all internal tubes is black.

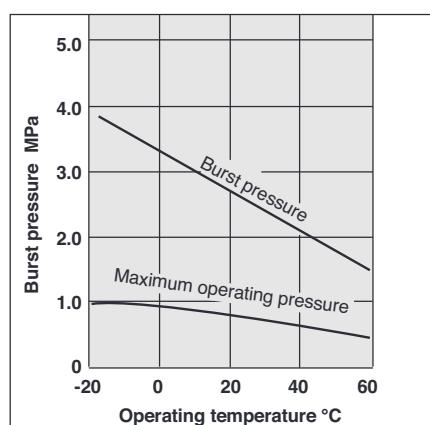
Note 2) Can be used with general industrial water. Contact SMC if used with other fluids.

Also keep surge pressure at or below the maximum operating pressure.

Note 3) In case of other temperatures, refer to the burst pressure characteristics curve. In addition, operate so that abnormal temperature rise due to adiabatic compression does not occur.

Note 4) Indicates the bending value of the tubing at a temperature of 20°C.

**Burst Pressure Characteristics
Curve and Operating Pressure**



How to Order

