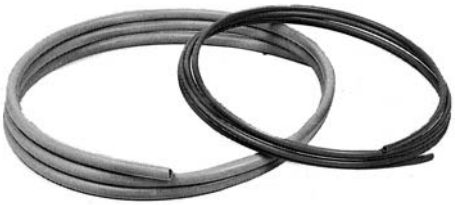
Flame Resistant (Equivalent to UL-94 Standard V-0) FR Soft Nylon Tubing

Series TRS

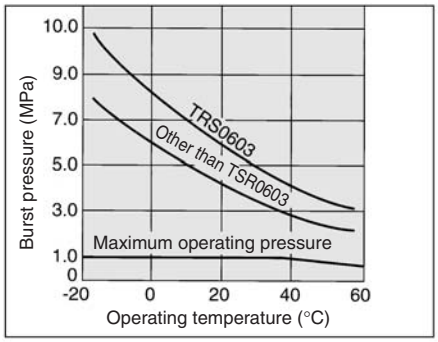


RoHS

Suitable for air and water piping in environments where sparks from spot welders, etc., may be a problem.

Flame resistant tubing

Burst Pressure Characteristics Curve and Operating Pressure



Model/Specifications

● — 20 m roll □ — 100 m reel

Model	TRS0603	TRS0805	TRS1065	TRS1208
Tubing O.D. (mm)	6	8	10	12
Tubing I.D. (mm)	3	5	6.5	8
Black (B)	●	●	●	●
White (W)	●	●	●	●
Red (R)	●	●	●	●
Blue (BU)	●	●	●	●
Green (G)	●	●	●	●

Fluid	Air/Water			
Max. operating pressure (at 20°C)	1.2 MPa			
Burst pressure	Refer to the burst pressure characteristics curve.			
Recommended fittings	FR one-touch fittings: Series KR-W2			
Minimum bending radius (mm)	17	19	27	32
Operating temperature	–20 to +60°C (Water: 0 to 60°C) (No freezing)			
Material	Flame resistant nylon (Equivalent to UL-94 standard V-0)			

⚠Precautions

Be sure to read before handling. Refer to front matters 58 and 59 for Safety Instructions and pages 13 to 16 for Fittings and Tubing Precautions.

⚠Caution

1. 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.
   If the surge pressure exceeds the maximum operating pressure, it will result in damage to fittings and tubes.
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.

How to Order

TRS1065 B – 100

Tubing model

Color

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

Length per roll

Symbol	Length
20	20 m roll
100	100 m reel