

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

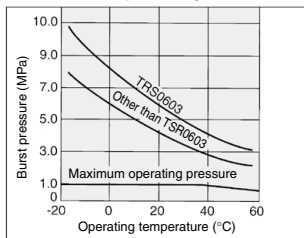
RoHS



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



⚠ 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

- 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 maxi-
mum operating pressure, it will result in
damage to fittings and tubes.
- 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 re-
sult in the burst of the tube.

Model/Specifications

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.			
Applicable 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)			

How to Order

TRS1065	B	-	100
Tubing model			Length per roll
			Symbol Length
			20 20 m roll
			100 100 m reel
			Color
			Symbol Color
			B Black
			W White
			R Red
			BU Blue
			G Green