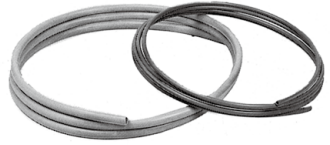


Flame Resistant (Equivalent to UL-94 Standard V-0) FR Soft Nylon Tubing **TRS Series**

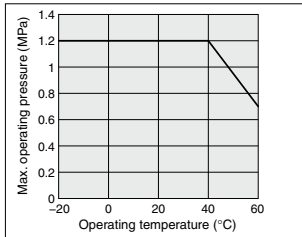
RoHS



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

Flame resistant tubing

Max. Operating Pressure



⚠️ Precautions

Be sure to read this before handling the products. Refer to page 11 for safety instructions and pages 14 to 18 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 maximum operating pressure, it will result in damage to fittings and tubes.
- Abnormal temperature rise caused by adiabatic compression may result in the tube bursting.

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 (MPa)	20°C	1.2		
	40°C	1.2		
	60°C	0.7		
Operating vacuum pressure (kPa) ^{Note 1)}	-101.3			
Applicable fittings	FR one-touch fittings: KR-W2 series			
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)			

Note 1) The operating vacuum pressure varies depending on the applicable fitting, so refer to the fitting specifications for details.

How to Order

