

Flame Resistance (Equivalent to UL-94 Standard V-0)

FR Soft Nylon Tubing

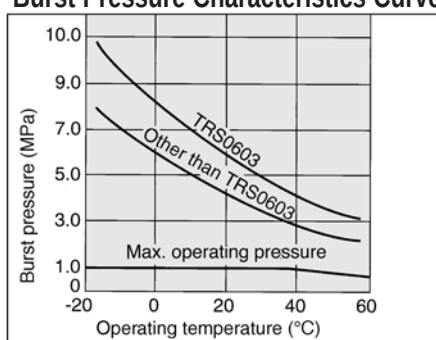
Series TRS



Applicable for general air pressure and water in a spark atmosphere such as spot welding.

Flame resistance tube

Burst Pressure Characteristics Curve



Series Table

Model	● : 20m roll □ : 100m roll			
	TRS0603	TRS0805	TRS1065	TRS1208
Tube O.D. (mm)	6	8	10	12
Tube I.D. (mm)	3	5	6.5	8
Black (B)	●	●	●	●
White (W)	□	●	●	●
Red (R)		●	●	●
Blue (BU)	□	●	●	●
Green (G)		●	●	●

Specifications

Fluid	Air, Water			
Max. operating pressure	1.2MPa at 20°C			
Burst pressure	Refer to burst pressure characteristics curve.			
Min. bending radius (mm)	17	19	27	32
Operating temperature	-20 to +60°C (Water: 0 to 60°C)(No freezing)			
Material	Flame resistance nylon (UL-94 Standard V-0)			

⚠ Precautions

Be sure to read before handling.
Refer to p.0-26 and 0-27 for Safety Instructions and common precautions on the products mentioned in this catalogue, and refer to p.2.0-7 and 2.0-8 for more detailed precautions of every series.

⚠ Caution

- ① Applicable for general industry water. Consult SMC if using for other kinds of fluid. Surge pressure must be under the max. operating pressure. If exceeding that value, fitting may be damaged and tubing may be burst.
- 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. Avoid abnormal temperature rises which may burst the tubing.
- ③ The value of the min. bending radius is at a temperature of 20°C and O.D. variable rate 10% max. In case that operating temperature is higher than 20°C, O.D. variable rate may be over 10% even if bending radius is within the specified range.

How to Order

TRS1065 B 100

Indication of tube model

Length per roll

Symbol	Roll size
20	20m roll
100	100m roll

Colour indication

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

K ☐

M ☐

H ☐

D ☐

MS ☐

T ☐

LQ ☐

Clean Room ☐