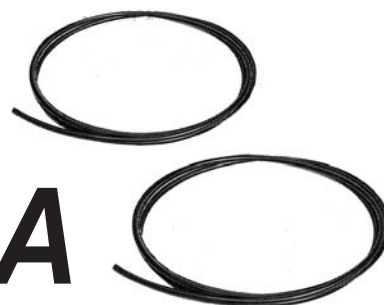


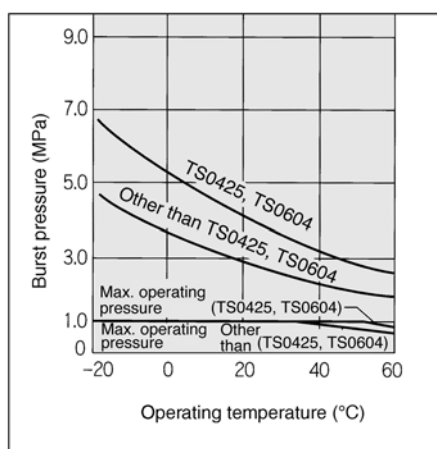
Soft Nylon Tubing

Series TS, TISA



For general air pressure
Pliable

Burst Pressure Characteristics Curve



Series Table

● : 20m roll □ : 100m roll

Model	Tube size										
	Metric size (Series TS)					Inch size (Series TISA)					
Tube O.D. (mm)	4	6	8	10	12	16	3.18	4.76	6.35	9.53	12.7
Tube I.D. (mm)	2.5	4	6	7.5	9	12	2.18	3.48	4.57	6.99	9.56
Black (B)	●	●	●	●	●	●	●	●	●	●	●
White (W)	□	□	□	□	□	□	●	●	●	●	●
Red (R)	●	●	●	●	●	●					
Blue (BU)	●	●	●	●	●	●					
Yellow (Y)	●	●	●	●	●	●					
Green (G)	●	●	●	●	●	●					
	5/32"		5/16"		Nominal size (inch)						
					1/8" 3/16" 1/4" 3/8" 1/2"						

Specifications

Fluid	Air										
Max. operating pressure	1.0MPa at 20°C										
Burst pressure	Refer to pressure characteristics curve.										
Min. bending radius (mm)	12	15	23	27	31	60	12	15	23	30	40
Operating temperature	-20 to +60°C (No freezing):										
Material	Nylon 12										

⚠ 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

- Use nylon or polyurethane tubing for general industry water. If using soft-nylon tubing, air leakage or tubing coming out caused by the contraction may occur.
- 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.
- 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

TS0604 W 100

Indication of tube model

Colour indication

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

Length per roll

Symbol	Roll size*
20	20m roll
100	100m roll (Black and white only)

Made to Order

- 100m roll for Metric size (black, white, red, blue, yellow, green) and Inch size (black, white, red, blue, yellow, green)

Suffix "-X3" to the end of part number.

Ex.) TS0604BU-100-[X3]

* Consult SMC in case of ø16.

- 20m roll for Inch size (except black and white)

Suffix "-X4" to the end of part number.

Ex.) TISA01BU-20-[X4]

- Longer roll length (black, white, red, blue, yellow, green)

Suffix "-X3" to the end of part number.

Ex.) TS425B-500-[X3]

* Available 150m for ø10, 200m for ø8, 500m for ø4 and ø6. Contact SMC for other lengths.