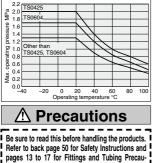
# Soft Nylon Tubing TS/TISA Series RoHS

## For general pneumatic tubing Pliable soft nylon tubing

### Max. Operating Pressure



tions.

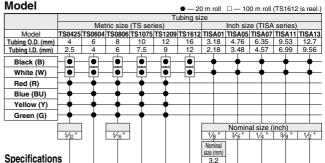
## \land Caution

- 1. Compatible with water due to a change in materials. Compatible fluid types are printed on the tube body for differentiation, so please be sure to check this. Note) If using the previous TS/TISA series with "water", the tube may shrink and cause air leakage or the tube may fall out.
- 2. The products which changed the material are applicable for general industrial water. Please contact SMC if using other kinds of fluid. Surge pressure must be under the max. operating pressure. If the surge pressure exceeds the maximum operating pressure, it will result in damage to fittings and tubes.
- 3. Please exercise caution when using this item in a clean room. There is a possibility of plasticizer and other materials precipitating on the tube surface and detracting from the cleanliness level of the room How to measure the minimum bending radius



X4

At a temperature of 20°C, bend the tubing into a U shape. Fix one end and gradually move the other end closer. Measure 2R at the point where the outside diameter's rate of change is 10%.



## Specifications

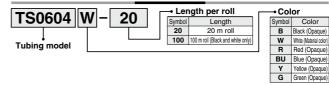
						Fitting: One-touch fittings, Insert fittings, Self-align fittings, Miniature fittings							
		Fluid: Turbine oil class 1 (ISO VG32) Note 4 Fitting: Insert fittings											
Max.	20°C or less	2.0	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
operating	40°C	1.4	1.2	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	
pressure	60°C	1.0	0.85	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
MPa	80°C	0.8	0.65	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
Note 2)	100°C	0.6	0.45	0.35	0.35	0.35	0.4	0.35	0.35	0.35	0.35	0.35	
Min. bending	Win. bending radius	15	23	45	55	65	90	18	27	30	55	65	
radus mm <sup>1ke s</sup>	Bending value (Reference)	12	17	34	42	50	70	12	15	23	42	50	
Operating temperature Note 2)		Air/Oil: -40 to +100°C, Water: 0 to +50°C (No freezing)											
Material		Nylon 12											

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# Printing/Fluid

	Fluid	
Previous	SMC TS 0604 SOFTNYLON 6 x 4	Air
NEW	SMC TS 0604 SOFTNYLON 6 x 4	Air/Water

### How to Order



Red. Blue, Yellow, Green

Made to Order

(Please contact SMC for specifications in detail, dimensions, delivery and specifications other than those mentioned above.) 100 m reel Metric size and Inch size except ø16: Suffix "-X3" to the end of part number. Ex.) TS0425R-100-X3 Longer length reel Metric size: Suffix "-X3" to the end of part number. Ex.) TS0425G-500-X3 20 m roll Inch size: Suffix "-X4" to the end of part number. Ex.) TISA01BU-20-X4 Made to Order Availability Model Part no. TS0425 TS0604□ TS0806 TS1075 TS1209 TISA01 TISA05 TISA07 TISA13 Color Lenath 100 m reel Black, White 150 m reel X3 Red, Blue, 200 m reel Yellow, Green 500 m reel

#### 20 m roll GENTLE AUTOMATIC SOLUTION SDN BHD

No. 36 Jalan Industri USJ 1/13, Taman Perindustrian USJ 1, 47600 Subang Jaya, Selangor.

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