

# Antistatic Tubing Series TA



Conductive tube prevents troubles caused by static electricity.

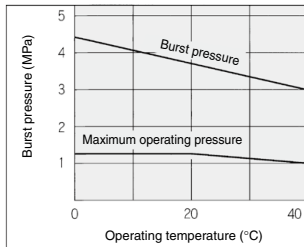
## Antistatic Soft Nylon Tubing: Series TAS

For pneumatic piping and applications which require the measures against antistatic electricity.

Flame resistant tubing (Equivalent to UL-94 standard V-0)



### 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

- Refer to the burst pressure characteristics curve for other temperatures. Avoid abnormal temperature rises caused by adiabatic compression.
- The value at temperature of 20°C and O.D. variable rate 10% max.

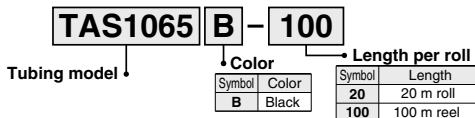
### Model/Specifications

Model	TAS3222	TAS0425	TAS0604	TAS0805	TAS1065	TAS1208
Tubing O.D. (mm)	3.2	4	6	8	10	12
Tubing I.D. (mm)	2.2	2.5	4	5	6.5	8
Black (B)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Max. operating pressure (at 20°C)	1.2 MPa					
Burst pressure	Refer to the burst pressure characteristics curve.					
Recommended fittings	Antistatic one-touch fittings: Series KA Miniature fittings: Series M and MS <sup>Note</sup>					
Minimum bending radius (mm)	12	12	15	19	27	32
Operating temperature	0 to 40°C					
Material	Conductive nylon + Flame resistant nylon (Equivalent to UL-94 standard V-0)					
Surface resistance	10 <sup>9</sup> to 10 <sup>10</sup> Ω					

Note) Miniature fittings: Only the following types are available for Series M and MS

Series M	Series MS
M-3AU-3, M-3AU-4, M-5AU-3, M-5AU-4 M-5AU-6, M-5H-4, M-5H-6	MS-5AU-3, MS-5AU-4, MS-5AU-6 MS-5H-4, MS-5H-6

### How to Order



### Made to Order

#### Coil Tubing

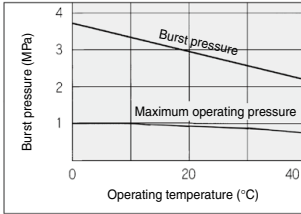
Please contact SMC for details.

## Antistatic Polyurethane Tubing: Series TAU

For pneumatic piping and applications which require the measures against antistatic electricity.  
Flexible tubing



### Burst Pressure Characteristics Curve and Operating Pressure

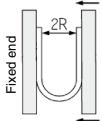


### ⚠️ Precautions

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

- Refer to the burst pressure characteristics curve for other temperatures. Avoid abnormal temperature rises caused by adiabatic compression.
- The value of the minimum bending radius is measured at the temperature of 20°C as shown below.



Bend the tube into U-form at a temperature of 20°C. Fix one end and close loop gradually. Measure 2R when the tube breaks or is crushed.

- Because ester polyurethane is adopted, water cannot be used due to the occurrence of hydrolysis.

### Model/Specifications

Model	TAU3220	TAU0425	TAU0604	TAU0805	TAU1065	TAU1208
Tubing O.D. (mm)	3.2	4	6	8	10	12
Tubing I.D. (mm)	2	2.5	4	5	6.5	8

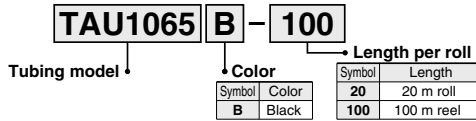
● — 20 m roll □ — 100 m reel

Black (B)	●	●	●	●	●	●
Max. operating pressure at 20°C	0.9 MPa					
Burst pressure	Refer to the burst pressure characteristics curve.					
Recommended fittings	Antistatic one-touch fittings: Series KA Miniature fittings: Series M and MS <sup>(Note)</sup>					
Minimum bending radius (mm)	10	10	15	20	27	35
Operating temperature	0 to 40°C					
Material	Conductive polyurethane					
Surface resistance	10 <sup>9</sup> to 10 <sup>9</sup> Ω					

Note) Miniature fittings: Only the following types are available for Series M and MS

Series M	Series MS
M-3AU-3, M-3AU-4, M-5AU-3, M-5AU-4 M-5AU-6, M-5H-4, M-5H-6	MS-5AU-3, MS-5AU-4, MS-5AU-6 MS-5H-4, MS-5H-6

### How to Order



### Made to Order

**Coil Tubing**   **Flat Tubing**   Please contact SMC for details.

### Color Tubing

- 5 colors
- Surface resistance 10<sup>9</sup> Ω

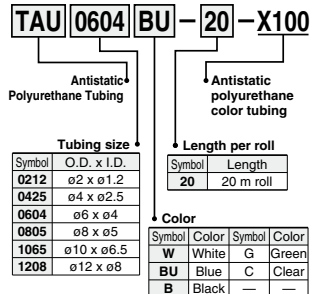
### Specifications

Fluid	Air
Max. operating pressure at 20°C	0.8 MPa
Ambient and fluid temperature	0 to 40°C
Material	Antistatic polyurethane
Surface resistance	10 <sup>9</sup> Ω
Recommended fittings	Antistatic One-touch fittings: Series KA Miniature fittings: Series M and MS <sup>(Note)</sup>

Note) Miniature fittings: Only the following types are available for Series M and MS

Series M	Series MS
M-3AU-2, M-3AU-4 M-5AU-2, M-5AU-4 M-5AU-6, M-5H-4 M-5H-6	MS-5AU-4, MS-5AU-6 MS-5H-4, MS-5H-6

### How to Order



KQ2  
KQB2  
KS  
KX  
KM  
KF  
M  
H/DL  
L/LL  
KC  
KK  
KK130  
DM  
KDM  
KB  
KR  
KA  
KQG2  
KG  
KFG2  
MS  
KKA  
KP  
LQ  
MQR  
T