

FDA (U.S. Food and Drug Administration) and (EU) No 10/2011 Compliant Polyurethane Tubing

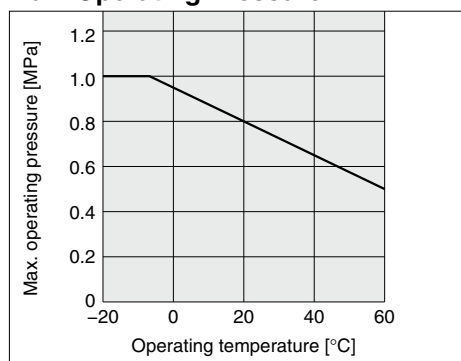
RoHS



In compliance with the FDA's (U.S. Food and Drug Administration) § 177.2600 dissolution test and the (EU) No 10/2011 dissolution test

- Color variations: Black, White, Red, Blue, Yellow, Green, Clear, and Orange
- Size variations (O.D./mm): $\varnothing 4$, $\varnothing 6$, $\varnothing 8$, $\varnothing 10$, and $\varnothing 12$
- Length per roll: 20 m

Max. Operating Pressure



Model

● - 20 m roll

Model	Tubing size (Metric size)				
	TU0425	TU0604	TU0805	TU1065	TU1208
O.D. [mm]	4	6	8	10	12
I.D. [mm]	2.5	4	5	6.5	8
Black (B)	●	●	●	●	●
White (W)	●	●	●	●	●
Red (R)	●	●	●	●	●
Blue (BU)	●	●	●	●	●
Yellow (Y)	●	●	●	●	●
Green (G)	●	●	●	●	●
Clear (C)	●	●	●	●	●
Orange (YR)	●	●	●	●	●

Specifications

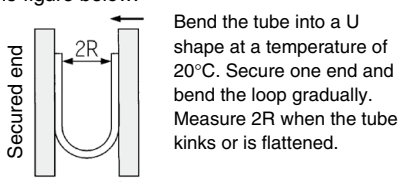
Fluid	Air, Water				
Max. operating pressure [MPa]	20°C	0.8			
	40°C	0.65			
	60°C	0.5			
Applicable fittings	One-touch fittings, Insert fittings, Miniature fittings				
Min. bending radius [mm]	10	15	20	27	35
Operating temperature	-20 to +60°C, Water: 0 to 40°C (No freezing)				
Material	Polyurethane				

⚠ Precautions

Be sure to read this before handling the products. For safety instructions and fittings & tubing precautions, refer to the "Handling Precautions for SMC Products" and the "Operation Manual" on the SMC website.

⚠ Caution

- Applicable for general industrial water. Please consult with SMC if using any other kind of fluid. Also, the surge pressure must not exceed the maximum operating pressure. If the surge pressure exceeds the maximum operating pressure, it will result in damage to fittings and tubes.
- Abnormal temperature rises caused by adiabatic compression may result in the tube bursting.
- The value of the minimum bending radius is measured at the temperature of 20°C as shown in the figure below.



How to Order

TU0425 BU - 20 - X214

Tubing model

Model	O.D. x I.D. [mm]
TU0425	4 x 2.5
TU0604	6 x 4
TU0805	8 x 5
TU1065	10 x 6.5
TU1208	12 x 8

● FDA (U.S. Food and Drug Administration) and (EU) No 10/2011 compliant

● 20 m roll


Color

Symbol	Color	Symbol	Color
B	Black (Opaque)	Y	Yellow (Opaque)
W	White (Opaque)	G	Green (Opaque)
R	Red (Translucent)	C	Clear (Material color)
BU	Blue (Translucent)	YR	Orange (Opaque)

* Note that the model number is not printed on the tube body.

TU-X214



 **Safety Instructions** Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and "Operation Manual" before use.