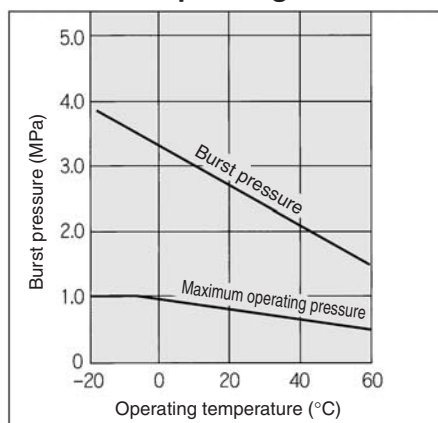


Polyurethane Flat Tubing Series *TFU*

RoHS



Compact piping possible With line markings for piping differentiation Burst Pressure Characteristics Curve and Operating Pressure



⚠ Precautions

Be sure to read before handling. Refer to front matters 58 and 59 for Safety Instructions and pages 13 to 16 for Fittings and Tubing Precautions.

⚠ Caution

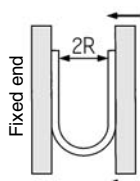
- Please consult with SMC regarding use with any fluids other than air.
- Refer to the burst pressure characteristics curve for other temperatures. Furthermore, abnormal temperature rises caused by adiabatic compression may result in the burst of the tube.
- The value of the minimum bending radius is measured at the temperature of 20°C as shown in the figure on the right.
- As a result of product design characteristics, there are cases of very slight leakage.

Model/Specifications

Model	TFU 0425B-2	TFU 0425B-3	TFU 0604B-2	TFU 0604B-3	TFU 0805B-2	TFU 0805B-3
No. of cores	2 cores	3 cores	2 cores	3 cores	2 cores	3 cores
Tubing O.D. (mm)	4		6		8	
Tubing I.D. (mm)	2.5		4		5	
Fluid	Air					
Max. operating pressure (at 20°C)	0.8 MPa					
Burst pressure	Refer to the burst pressure characteristics curve.					
Applicable fittings	One-touch fittings, Insert fittings, Self-align fittings, Miniature fittings					
Operating temperature	-20 to +60°C (No freezing)					
Material	Polyurethane					
Color	Black					
Min. bending radius (mm)	10		15		20	
Tube length per roll (m)	10					

How to Order

TFU0425	B	-	2
Tubing model	Color		No. of tubes
Symbol	Color	Symbol	No. of cores
B	Black	2	2 cores
		3	3 cores



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.

Made to Order

(Please contact SMC for specifications in detail, dimensions and delivery.)

● — 10 m roll △ — 50 m reel □ — 100 m reel

1. Change of color (10 m roll)

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

Ex.) TFU0604BU-2-10-**[X4]**

• W: White, R: Red, BU: Blue, Y: Yellow, G: Green, C: Clear, YR: Orange, (All tubes are the same color regardless of 2 cores or 3 cores.)

2. Reel (50 m, 100 m length, Color changes)

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

Ex.) TFU0425B-2-50-**[X3]**

3. No. of cores (10 m roll, each color)

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

Ex.) TFU0604B-4-10-**[X4]**

Model	TFU0425□	TFU0604□	TFU0805□	TFU1065□	TFU1208□
Tubing O.D. (mm)	4	6	8	10	12
Tubing I.D. (mm)	2.5	4	5	6.5	8
No. of cores	2	●	●	●	●
	3	●	●	●	●
	4	●	●	●	●
	5	●	●	●	●
	6	●	●	●	●
	7	●	●	●	●
	8	●	●	●	●