

Polyurethane Flat Tubing

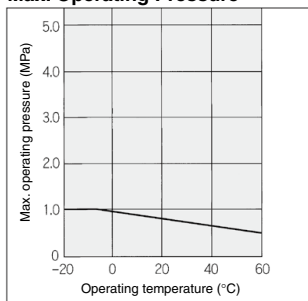
TFU Series



RoHS

Compact piping possible
With line markings for
piping differentiation

Max. Operating Pressure



⚠ Precautions

Be sure to read this before handling the products.
Refer to back page 50 for Safety Instructions
and pages 13 to 17 for Fittings and Tubing
Precautions.

⚠ Caution

- Please consult with SMC regarding use with any fluids other than air.
- Abnormal temperature rise 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 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 (MPa)	20°C		0.8			
	40°C		0.65			
	60°C		0.5			
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

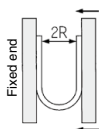
TFU0425 B - 2

Tubing model

Symbol	Color
B	Black (Opaque)

No. of tubes

Symbol	No. of cores
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	●	●	●	●	●