

Polyurethane Flat Tubing

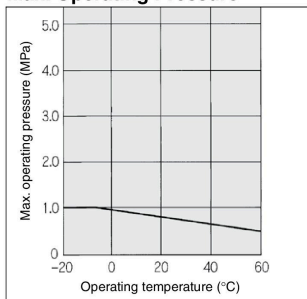
TFU Series

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

1. Please consult with SMC regarding use with any fluids other than air.
2. Abnormal temperature rise caused by adiabatic compression may result in the tube bursting.
3. The value of the minimum bending radius is measured at the temperature of 20°C as shown in the figure on the right.
4. 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

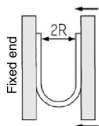
Tubing model

Color

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	●	●	●	●