

Dedicated Polyurethane Tube for Air

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Polyurethane Tube for General Pneumatic Piping

⚠ Safety instructions for this product

Safety instructions, Common safety instructions for each product category and Detailed safety instructions for each product are in the end of this catalog and our website.

Tube

Model Designation (Example)



(1) Dedicated Polyurethane Tube for Air

(2) Tube dia. (O.D.×I.D.)

	mm size (mm)					
Code	0320	0425	0640	0850	1065	1280
O.D.	ø3	ø4	ø6	ø8	ø10	ø12
I.D.	ø2	ø2.5	ø4	ø5	ø6.5	ø8

(3) Tube length

Code	20	50	100
Length (m)	20	50	100

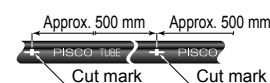
(4) Tube color

Code	B	CB
Tube color	Black	Clear blue

Characteristics

- Achieved cost saving compared to conventional Polyurethane Tube (UB).
- Excelled in mechanical strength and oil resistance, and best suitable for air piping in factories.
- Featuring excellent flexibility, best suitable for the compact piping requiring small bending radius.
- Two standard tube colors, Black and Clear Blue are available.
- The cut marks at 500 mm interval are printed on the tube as a guide.

*The marks are just as a guide and the accuracy is not guaranteed.



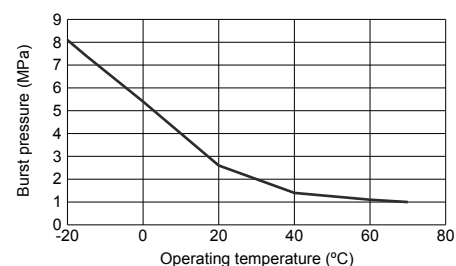
Specifications

Model code		UBT0320	UBT0425	UBT0640	UBT0850	UBT1065	UBT1280
Size	O.D.×I.D. (mm)	3×2	4×2.5	6×4	8×5	10×6.5	12×8
	Tube length (m)	20 · 50 · 100					
Tube color: 2 colors		Black (B), Clear blue (CB)					
Specifications	Fluid medium	Air					
	Max. operating pressure (MPa)	1.0 (65% RH at 20°C*)					
	Max. vacuum (kPa)	-100					
	Operating temp. range (°C)	-20 to 70 (No freezing)					
	Min. bending radius (JIS) (mm)	8	10	15	20	30	
	Min. installation radius (Vice) (mm)	12	15	23	30	45	

⚠ Warning

*The value of max. operating pressure is measured at 20°C and 65% RH. For other temperatures, the Burst Pressure Curve should be used with a sufficient safety margin. In addition, if the tube is in a moving part, such as a swinging or bending part, the temperature may rise due to self-heating caused by intermolecular heat generation, which may cause the tube to break.

Burst Pressure Curve (Reference Value)



RoHS2 (2011/65/EU+EU2015/863) compliant

Tube type	Model code
Dedicated Polyurethane Tube for Air UBT	UBT0320-[3]-[4]
	UBT0425-[3]-[4]
	UBT0640-[3]-[4]
	UBT0850-[3]-[4]
	UBT1065-[3]-[4]
	UBT1280-[3]-[4]

Notes

- *1. Tubes with desired length are available as make-to-order items. Contact us for the price.
- *2. For [3] in model code, please select a code of tube length, for [4], please select a tube color code.

Packaging specifications

- 20 M lengths/bag: Applicable to all types
- 50 M lengths/bag: Applicable to all types
- 100 M lengths/box: Applicable to all types