

Ultra Soft Polyurethane Straight Tube

⚠ 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.

Model Designation (Example)



(1) Vacuum Tube

(2) Tube dia. (O.D.×I.D.)

Code	mm size (mm)				
	0425	0640	0860	1075	1290
O.D.	ø4	ø6	ø8	ø10	ø12
I.D.	ø2.5	ø4	ø6	ø7.5	ø9

(3) Tube length

Code	20	100
Length (m)	20	100

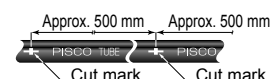
(4) Tube color

Code	C
Tube color	Transparent

Characteristics

- Very soft and flexible suitable for piping of moving parts.
- Suitable for applications where maneuverability or small bend radius is required.
- 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

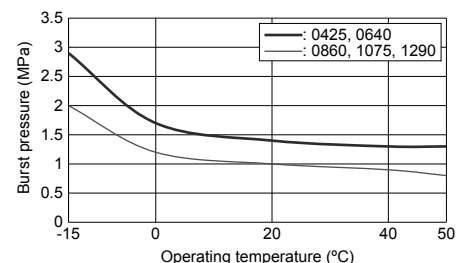
Model code		UD0425	UD0640	UD0860	UD1075	UD1290
Size	O.D.×I.D. (mm)	4×2.5	6×4	8×6	10×7.5	12×9
	Tube length (m)	20 · 100				
Tube color: 1 color		Transparent (C)				
Specifications	Fluid medium	Air				
	Max. operating pressure (MPa)	0.4 (65% RH at 20°C ^{*1})		0.3 (65% RH at 20°C ^{*1})		
	Max. vacuum (kPa)	-100				
	Operating temp. range (°C)	-15 to 50 (No freezing)				
	Min. bending radius (JIS) (mm)	8	12	27	34	38
	Min. installation radius (Vice) (mm)	12	18	41	51	57

△ Warning

*1. 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.

*2. Be sure to place Insert Ring into the tube edge when Vacuum Tube is inserted into Push-in Fittings. There is a possibility of escape of Tube without Insert Ring.

Burst Pressure Curve (Reference Value)



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

Tube type	Model code
Vacuum Tube UD	UD0425- 3 -C
	UD0640- 3 -C
	UD0860- 3 -C
	UD1075- 3 -C
	UD1290- 3 -C



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.



Packaging specifications

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