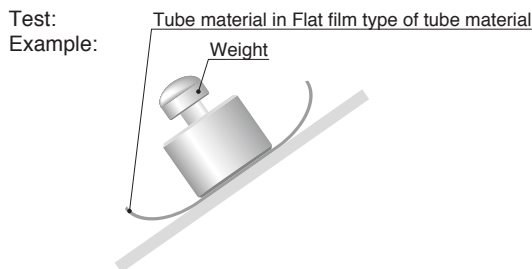


# Low-Friction Polyurethane Tube

## Characteristics

- The polyurethane tube, featuring excellent flexibility, helps compact piping requiring small bending radius.
- Tubes come in a variety of colors so that pipings can be identified by color or can be completed in the same colors as the devices.
- The friction factor is one third (1/3) of PISCO Polyurethane Tube standard type.



- The useful cut marks at 500mm interval are printed on the tube.

## Specifications

Model		UBS0425	UBS0640	UBS0850	UBS1065	UBS1280
Size	O.D.xI.D. (mm)	4×2.5	6×4	8×5	10×6.5	12×8
	Tube length (m)	20 · 100				
Tube color	Black (B)	○: available				
	Yellow (Y)	○				
	Green (G)	○				
	Blue (Bu)	○				
	Milk-white (W)	○				
Fluid medium		Air				
Max. operating pressure		116psi (0.8MPa) (65%RH at 20°C *)				
Max. vacuum		-29.5in. Hg (-100kPa)				
Operating temp. range		-5 ~ 140°F (-15 ~ 60°C) (no freezing)				
Min. bending Radius (JIS) (mm)		10	15		20	30
Min. Mounting Radius (VICE) (mm)		15	23		30	45

\*1. Max. operating pressure is the value at 65%RH at 20°C. When using on other temperatures, please take enough safety value judging from the burst pressure curve on the right. When the tube is applied to moving parts with vibration and bend, the temperature may rise due to self-heat generation by molecule heat generation and lead to the breakage of the tube.

## Model Designation (Example)

UBS (1) 0640 (2) - 20 (3) - B (4)

(1) Name of tube

(2) Tube dia. (O.D./I.D.)

mm size					
Code	0425	0640	0850	1065	1280
O.D.	ø4mm	ø6mm	ø8mm	ø10mm	ø12mm
I.D.	ø2.5mm	ø4mm	ø5mm	ø6.5mm	ø8mm

(3) Tube length

Code	20	100
Length	20m 65.6ft.	100m 328ft.

(4) Tube color

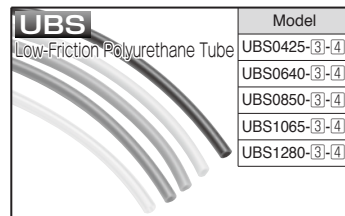
Code	B	Y	G	Bu	W
Color	Black	Yellow	Green	Blue	Milk-white

## Detailed Safety Instructions

Before using the PISCO device, be sure to read the "Safety Instructions", "Common Safety Instructions for Products Listed in This Manual" on page 13 to 15 and "Common Safety Instructions for Tubes" on page 264.



The products listed in this page are ECO-friendly products.  
\* Please refer to page 4 for the details of ECO-friendly products.



### Cautions

- \*1. Tube can be sold at desirable length as build-to-order production. Please make inquiry about pricing to our sales offices.
- \*2. As a special property of this Tube, the powder components (slipping agent) will appear on the surface (inside and outside) of the tube as time goes by. Please confirm the specification before use.
- \*3. For [3], please select a tube length.
- \*4. For [4], please select a tube color.



### Package specifications

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

## Burst Pressure Curve (Reference Value)

