

■ Straight Soft Tube for General Pneumatic Piping

Soft Polyurethane Tube

Characteristics

- Soft Polyurethane Tube is best suitable for compact piping in narrow space with its flexible property.
- It is made of ether base polyurethane resin, making possible to use water as a fluid medium.
- 6 colors are available.
- The useful cut marks on every 500mm are printed.
- Multi-core Planner Tube made by Soft Polyurethane Tube is also available. (See page 74 for details.)

Specifications

Model	UC0425	UC0640	UC0850	UC1065	UC1280
O.D.xI.D. (mm)	4x2.5	6x4	8x5	10x6.5	12x8
Size	20 · 100				
Tube length (m)	20 · 100				
Tube color (C : available)	Clear black (CBL)	○			
	Clear orange (CBL)	○			
	Clear yellow (CY)	○			
	Clear green (CG)	○			
	Clear blue (CB)	○			
	Transparent (C)	○			
Fluid medium	Air, water (*1, *2, *3)				
Max. operating pressure	87psi (0.6MPa) (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)	9	13	18	27	
Remarks	Use of Insert ring is recommended. Insert ring is necessary to conform to the pull-out strength defined by JIS B 8381-1, if it requires.)				

*1. Surge pressure must be controlled lower than max. operating pressure when using water as a fluid medium.

*2. Tap water can be used. Consult with PISCO for using other kind of water.

*3. Be sure to place Insert Ring into the tube edge when Soft Polyurethane Tube is inserted into Push-In Fittings with water as a fluid medium.

*4. The value of max. operating pressure is measured at 20°C at 65%RH. When Tubes are used in different conditions, consider a safety ratio of the pressure with an enough margin, referring to Burst Pressure Curve. When Tubes are frequently swung and bent, there is a possibility of generating heat between molecules, and damaging the products.

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

UC	Model code
Soft Polyurethane Tube	UC0425- ^③ - ^④
	UC0640- ^③ - ^④
	UC0850- ^③ - ^④
	UC1065- ^③ - ^④
	UC1280- ^③ - ^④



Caution

*^③: Replaced with Tube length.

*^④: Replaced with Tube color code.

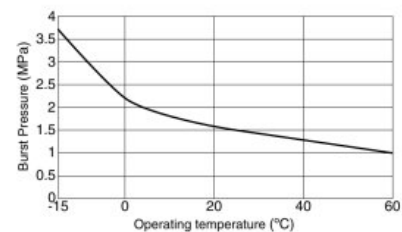
*Tubes with desired length are available as make-to-order items. Contact Pisco sales office or sales representative for details.



Package specifications

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

Burst Pressure Curve (Reference Value)



Model Designation (Example)

UC **0640** - **20** - **CG**
(1) (2) (3) (4)

(1) Soft Polyurethane Tube

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

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

(3) Tube length

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

(4) Tube color

Code	CBL	CO	CY	CG	CB	C
Tube color	Clear black	Clear orange	Clear yellow	Clear green	Clear blue	Transparent

Detailed Safety Instructions

Before using the PISCO products, be sure to read the "Safety Instructions", "Common Safety Instructions for Products in This Catalog" on page 13 to 16 and "Common Safety Instructions for Tubes" on page 66.