

POLYURETHANE TUBE

Application

- Used for industrial robots and pneumatic piping.
- Used for various applications by functions.

Feature

- Higher flexibility than nylon(PA) helps working achievement.
- Higher flexibility in low temperature.

Specification

Fluid	Air(No other gases or liquids)	
Working Pressure Range	0~150PSI	0~9Kgf/cm ² (0~900kPa)
Negative Pressure	-29.50 in Hg	-750mmHg(10Torr)
Temperature Range	32~140° F	-15~60 °C

Product Code System

U - 08 - 50 - B

① ② ③ ④

UC - 08 - 50 - 05 - Y

① ② ③ ⑤ ④

① Type

②③ Tube Dia(∅D)

Code	Metric Size								
	0320	0420	0425	0640	0850	0855	1065	1290	1611
Outer Dia	∅3	∅4	∅4	∅6	∅8	∅8	∅10	∅12	∅16
Inner Dia	∅2	∅2	∅2.5	∅4	∅5	∅5.5	∅6.5	∅9	∅11

Code	Inch Size							
	1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8
Outer Dia	∅1/8	∅5/32	∅3/16	∅1/4	∅5/16	∅3/8	∅1/2	∅5/8

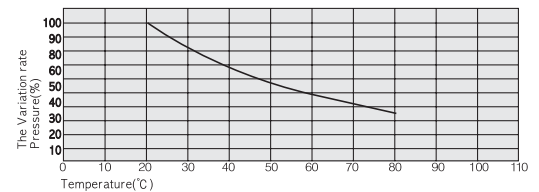
④ Color

	C	BK	R	Bu	Y	G	W	O
Color	Clear	Black	Red	Blue	Yellow	Green	White	Orange

⑤ Length(m)

Working Pressure

- Temperature limits of tube : -40°C ~80°C
- Normal Pressure : Control normal pressure within 1/3 of tube burst pressure.



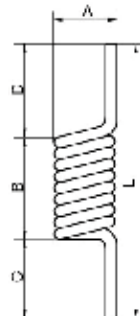
U



MODEL [OUT-IN]

MODEL	O. D(mm)	I. D(mm)
U-03020	3	2
U-04025	4	2.5
U-06040	6	4
U-08050	8	5
U-08055	8	5.5
U-10065	10	6.5
U-12090	12	9
U-16110	16	11

UC



MODEL [OUT-Length]

MODEL	O. D(mm)	I. D(mm)	Length(m)
UC-0402-15	4	2	1.5
UC-0402-30	4	2	3
UC-0402-45	4	2	4.5
UC-0604-15	6	4	1.5
UC-0604-30	6	4	3
UC-0604-45	6	4	4.5
UC-0805-35	8	5	3.5
UC-0805-50	8	5	5
UC-0805-75	8	5	7.5
UC-0805-100	8	5	10
UC-1065-35	10	6.5	3.5
UC-1065-50	10	6.5	5
UC-1065-75	10	6.5	7.5
UC-1065-100	10	6.5	10
UC-1208-35	12	8	3.5
UC-1208-50	12	8	5
UC-1208-75	12	8	7.5
UC-1208-100	12	8	10