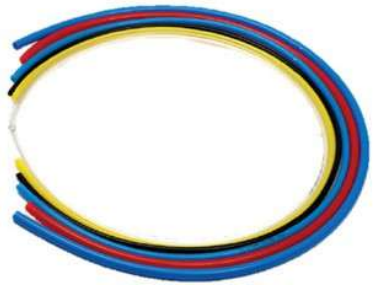
JTPU Series

Polyurethane Tube



Features

- Excellent resistance to pressure, weather, and corrosion, along with flexibility
- Easy connection to airline fittings

Product Precautions

Please read the product manual before use and refer to the safety precautions and general warnings

⚠ Cautions

- It can be used with general industrial water. For other uses, please contact us in advance. Also, please ensure that surge pressure is kept below the maximum operating pressure. If the surge pressure exceeds the maximum operating pressure, it may cause fitting damage and tube rupture.
- When there is a temperature rise due to single extrusion, it may cause tube rupture.
- The minimum bending radius is specified based on the value at 20°C.
  At higher temperatures, the tube should be bent at a radius larger than the specified minimum bending radius.

How to Order

JTPU0425 – (200) – C – ☐

1 2 3 4

1 Model Name / Tube Description

- JTPU : Soft Polyurethane Tube

2 Length (per roll, meters)

200 : 200 meter
100 : 100 meter

3 Tube Color

(See Table 1)

4 Blank: Standard
SOFT: Soft

①Series		JTPU0425	JTPU0604	JTPU0805	JTPU1065	JTPU1208	JTPU1611
②Outer Diameter(mm)		4	6	8	10	12	16
③Inner Diameter(mm)		2.5	4	5	6.5	8	11
④Color	Green(G)	O	O	O	O	O	X
	Red(R)	O	O	O	O	O	X
	Black(B)	O	O	O	O	O	O
	Blue(BU)	O	O	O	O	O	O
	Yellow(Y)	O	O	O	O	O	X
	Transparent Red(TR)	O	O	O	O	O	X
	Transparent Blue(TBU)	O	O	O	O	O	X
	Transparent(C)	O	O	O	O	O	O
⑤Length(M)		200M	100M				50M

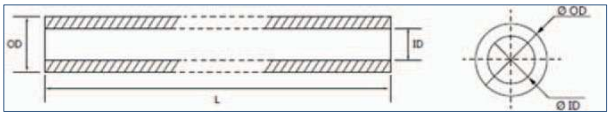
*Table 1

Product Specifications

	Polyurethane	Note
Hardness	95A~98A	
Fluid	Air	
Maximum Operating Pressure	7kgf/cm²	
Operating Temperature	-20°C ~ 70°C	
Features	Excellent pressure resistance, weather resistance, corrosion resistance, and flexibility, making it easy to connect to airline fittings.	
Applications	Industrial automation, pneumatic tools, orchard and fluid transfer, vacuum straws, protective cover for metal and electronic products, etc.	

*Table 2

Appearance and Dimensions



Series	Outer Diameter (OD)	Inner Diameter (ID)	Length (L)	Minimum Bending Radius (mm) (based on 20°C)	Minimum Operating Pressure (kgf/cm²) (based on 20°C)	Note
JTPU0425	4mm	2.5mm	200m	10mm	0-10	
JTPU0604	6mm	4mm	100m	15mm	0-10	
JTPU0805	8mm	5mm	100m	20mm	0-10	
JTPU1065	10mm	6.5mm	100m	30mm	0-10	
JTPU1208	12mm	8mm	100m	35mm	0-10	
JTPU1611	16mm	11mm	50m	65mm	0-10	

*Table 3