

聚氨酯系列

经济型聚氨酯软管LCPU

特点和用途

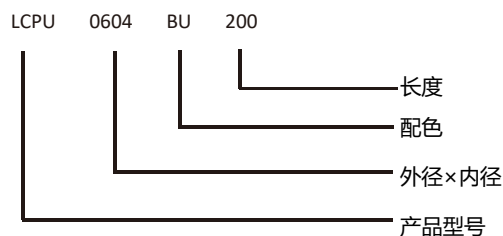
- 流体：空气
- 特点：良好的机械性能，抗拉伸性、耐压、耐磨、耐曲折。
- 应用：非常适用气动回路应用，应用于气动装置、自动化设备、快速环系统等。

材料、长度、包装

- 材料：聚氨酯，硬度 95A ~ 98A
- 长度：外径6mm及以下200m—卷
- 外径6mm以上100m—卷
- 包装：盘装、盒装



型号表示方法



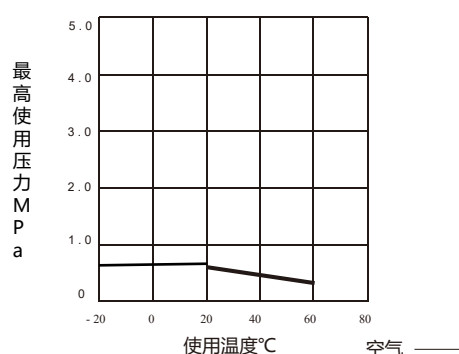
适合管接头

- 快换接头、嵌入式管接头、微型管接头

使用流体温度范围

使用流体	使用流体温度
空气	-40℃ ~ +70℃
水	0℃ ~ +40℃

最高使用压力图



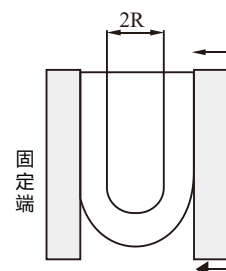
公差范围

聚氨酯管外径	聚氨酯管内外径公差
4 - 12mm	+0.10 / -0.10
14 - 16mm	+0.15 / -0.15

★注意：

- 1、本产品主要过气，使用其他介质，请与本公司联系。
- 2、最小弯曲半径是在温度20℃条件下，测定弯曲的值。
- 3、绝热压缩使温度异常上升的场合是管子破裂的原因。

最小弯曲半径测定方法



温度20℃的条件下，让管子弯曲成U字形，一端固定，另一端慢慢靠近，管子发生弯折，变扁等时测定的2R。

Polyurethane series

Economical Polyurethane Hose LCPU

Features and Applications

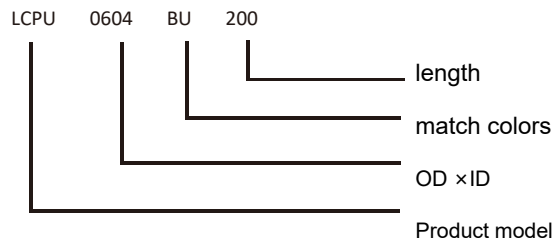
- Fluid: Air
- Features: good mechanical properties, tensile resistance, pressure resistance, wear resistance, flex resistance.
- Application: Ideal for pneumatic circuit applications, pneumatic devices, automation equipment, fast ring systems, etc.

Material, length, and packaging

- Material: Polyurethane, hardness 95A ~ 98A
- Length: 200m per roll for outer diameter 6mm and below
100m per roll for outer diameter above 6mm
- Packaging: Reel, Box



Model representation method



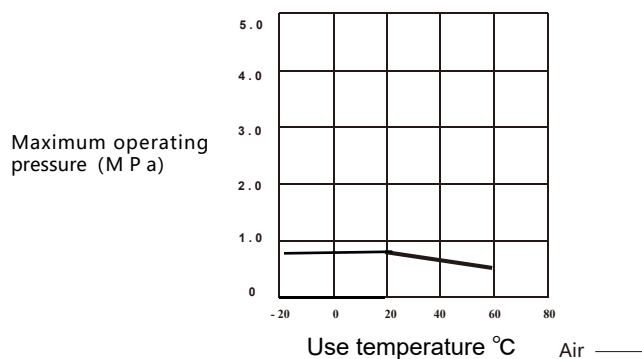
Suitable for fittings

- Quick-change fittings, embedded fittings, micro fittings

Operating Fluid Temperature Range

Use fluids	Use fluid temperature
Air	-40°C ~ +70°C
Water	0°C ~ +40°C

Maximum Operating Pressure Chart



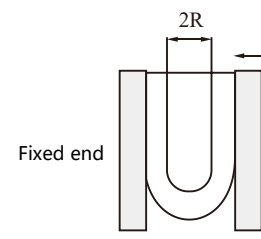
Tolerance range

Outer Diameter of Polyurethane Pipe	Tolerance of Inner and Outer Diameters of Polyurethane Pipe
4 - 12mm	+0.10 / -0.10
14 - 16mm	+0.15 / -0.15

★Note:

1. This product is mainly used for gas. Please contact our company if you use other media.
2. The minimum bending radius is the value of the bending measured at a temperature of 20°C.
3. When the temperature rises abnormally due to adiabatic compression, it is the cause of the tube rupture.

Minimum bending radius determination method



At 20°C, the tube is bent into a U shape, one end is fixed, and the other end is slowly brought closer. The 2R is measured when the tube bends and flattens.