

软聚氨酯管LCTUS Soft polyurethane tubing LCTUS

聚氨酯系列

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特点和用途

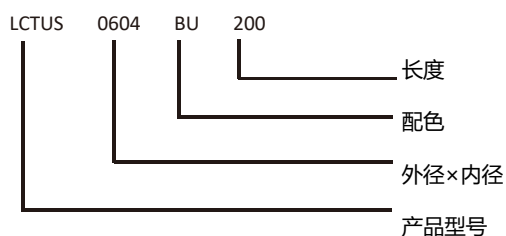
- 流体：空气、水
- 特点：良好的机械性能，抗拉伸性、耐压、耐磨、防紫外线、耐曲折，柔韧性更强，适用真空环境，负压-100kpa.
- 应用：非常适用气动回路应用，应用于气动装置、自动化设备、快速循环系统等。

材料、长度、包装

- 材料：聚醚型聚氨酯，硬度 定制
- 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



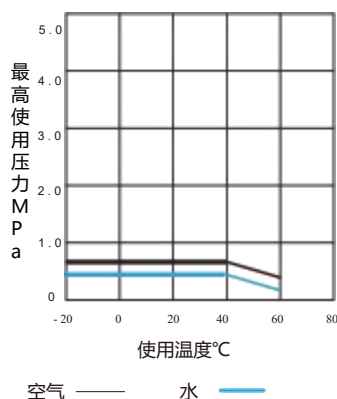
适合管接头

- 快换接头、嵌入式管接头、软管锁紧接头（软管直通接头）

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



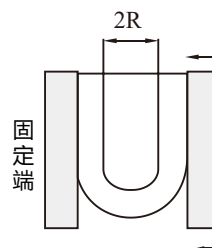
公差范围

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。

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Polyurethane series

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Features and Applications

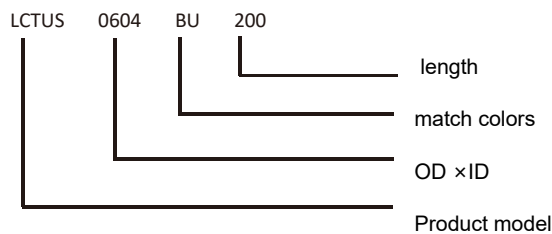
- Fluids: air, water
- Features: good mechanical properties, tensile resistance, pressure resistance, wear resistance, ultraviolet resistance, flex resistance, stronger flexibility, suitable for vacuum environment, negative pressure -100kpa.
- Application: Ideal for pneumatic circuit applications, used in pneumatic devices, automation equipment, fast circulation systems, etc.

Material, length, and packaging

- Material: Polyether polyurethane, hardness customized
- Length: 200m roll for outer diameter 6mm and below
100m roll for outer diameter 6mm and above
- Packaging: Reel, Box



Model representation method



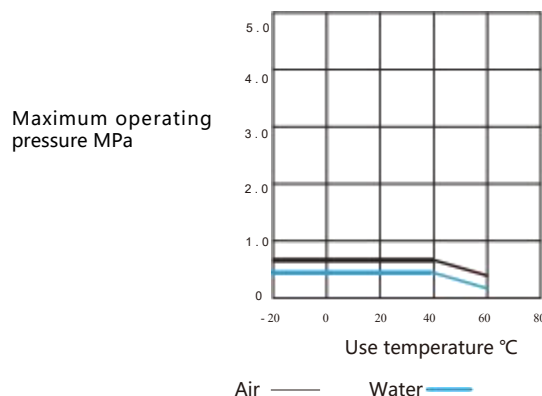
Suitable for fittings

- Quick-change fittings, embedded pipe fittings, hose locking fittings (hose straight fittings)

Operating Fluid Temperature Range

使用流体 Use fluids	使用流体温度 Use fluid temperature
空气 Air	-40°C ~ +70°C
水 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

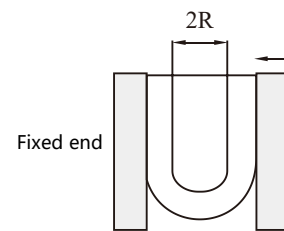
★Note:

1. This product is mainly used for gas. Please contact our company if you want to use other media.

2. The minimum bending radius is the value of the bending measured at a temperature of 20° C.

3. The abnormal rise in temperature caused by adiabatic compression is the cause of 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.