

INTRODUCTION

Ningbo Langchi New Materials Technology Co., Ltd. was established in 2012 and is located in the beautiful Hangzhou Bay area of Cixi, Zhejiang, China. The company covers a total area of 8,000 square meters, with a building area of 11,000 square meters. It is equipped with 28 advanced extrusion lines, a 500 square meter cleanroom rated at 100,000 class, and a laboratory. The founding team has over 10 years of experience in the thermoplastic plastic hose industry and has developed into one of the largest companies in China, serving a wide range of leading enterprises.

The company specializes in the research, development, manufacturing, sales, international trade, and services of plastic round tubes and special-shaped tubes made from thermoplastic materials, including fluoropolymers (PFA, FEP, ETFE, PVDF, PTFE), as well as PU, PA, PE, PVC, PP, POM, EVA, TPV, and TPEE. Our products and services are targeted at mid-to-high-end enterprise clients, providing pipeline solutions to meet various operational requirements and offering "one-stop" high-quality services. Our products are widely used in equipment for electronics, electrical, industrial automation, semiconductors, automotive manufacturing, photovoltaics, energy storage, firefighting, food, medical, and other industries.

Core Values: Integrity, Innovation, Customer First, Teamwork.



Catalog

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Fluororesin series

FEP hose LCTH

Features and Applications

- Fluids: air, water, noble gas, chemical liquid.
- Features: Excellent high and low temperature resistance and mechanical properties, super strong corrosion resistance and chemical stability, UV resistance, and good waterproof performance.
- Applications: Cable insulation, chemical transportation, food processing, gas detection equipment, UV protection equipment, automobile die-casting equipment, etc.

Series table

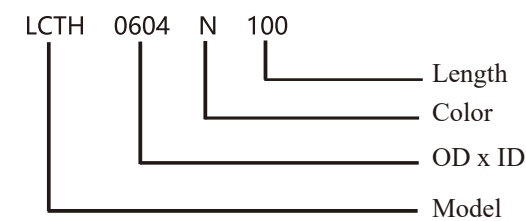
Model	OD x ID	Maximum working pressure(Mpa)			Minimum bending radius (mm)	Color			
		20℃	100℃	200℃		Black	Transparent red	Transparent blue	Semitransparent
		20℃	100℃	200℃		B	R	BU	N
LCTH0402	4×2	2.3	0.85	0.4	15				
LCTH0425	4×2.5	1.7	0.6	0.3	20				
LCTH0604	6×4	1.5	0.55	0.3	35				
LCTH0806	8×6	1.0	0.4	0.2	60				
LCTH1075	10×7.5	1.0	0.4	0.2	95				
LCTH1008	10×8	0.7	0.25	0.1	100				
LCTH1209	12×9	1.0	0.4	0.2	100				
LCTH1210	12×10	0.7	0.25	0.1	130				
LCTH 1/8"	3.18×2.18	1.0	0.4	0.2	20				
LCTH 3/16"	4.76×3.15	1.5	0.55	0.3	25				
LCTH 1/4"	6.35×3.95	1.7	0.6	0.3	35				
LCTH 3/8"	9.53×6.33	1.5	0.55	0.3	60				
LCTH 1/2"	12.7×9.5	1.0	0.4	0.2	95				
LCTH 3/4"	19.05×15.85	0.7	0.25	0.1	220				

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: polytetrafluoroethylene hexafluoropropylene synthetic resin
- Length: 20m/roll or 100m/roll
- Packaging: in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

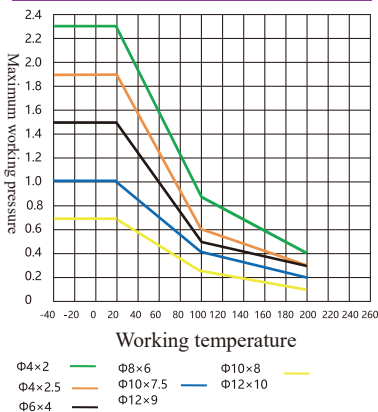
- one-touch fittings, insert fittings, fluororesin hose fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-40℃ ~ +200℃
Water	0℃ ~ +100℃

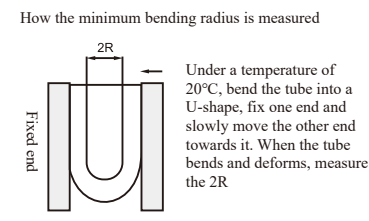
Maximum working pressure chart



Tolerance level

Tolerance level	Tolerance
3-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Fluororesin series

PFA hose LCTH

Features and Alippcations

- Fluids: air, water, noble gas, chemical liquid
- Features: Excellent high and low temperature resistance and mechanical properties, super strong corrosion resistance and chemical stability, better mechanical strength and flexibility compared to FEP hose.
- Applications: chemical, pharmaceutical, semiconductor, photovoltaic, LCD panel manufacturing, etc.

Series table

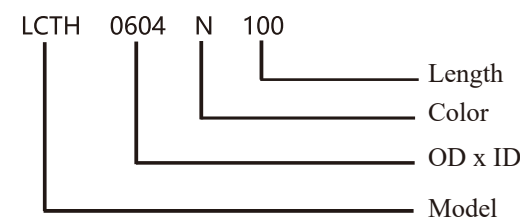
Model	OD x ID	Maximum working pressure(Mpa)				Minimum bending radius (mm)	Color			
		20℃	100℃	200℃	260℃		Black	Transparent red	Transparent blue	Semitransparent
		20℃	100℃	200℃	260℃		B	R	BU	N
LCTLM0302	3×2	1.5	0.7	0.35	0.2	20				
LCTLM0425	4×2.5	1.7	0.9	0.45	0.23	20				
LCTLM0403	4×3	1.0	0.5	0.25	0.15	35				
LCTLM0604	6×4	1.5	0.7	0.35	0.2	35				
LCTLM0806	8×6	1.0	0.5	0.25	0.15	60				
LCTLM1075	10×7.5	1.0	0.5	0.25	0.15	95				
LCTLM1008	10×8	0.7	0.35	0.17	0.11	100				
LCTLM1209	12×9	1.0	0.5	0.25	0.15	100				
LCTLM1210	12×10	0.6	0.3	0.15	0.1	130				
LCTLM1613	16×13	0.7	0.35	0.17	0.11	160				
LCTLM 1/8"	3.18×2.18	1.0	0.5	0.25	0.15	20				
LCTLM 3/16"	4.76×3.15	1.5	0.7	0.35	0.2	25				
LCTLM 1/4"	6.35×3.95	1.7	0.9	0.45	0.23	35				
LCTLM 3/8"	9.53×6.33	1.5	0.7	0.35	0.2	60				
LCTLM 1/2"	12.7×9.5	1.0	0.5	0.25	0.15	95				
LCTLM 3/4"	19.05×15.85	0.6	0.3	0.15	0.1	220				

Note: Other sizes, colors can be customized, please contact us.

Material, length, pacingkag

- Material: Polymer resin of polytetrafluoroethylene and perfluoroalkoxy ethylene
- Length: 20m/roll or 100m/roll
- Packaging: in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

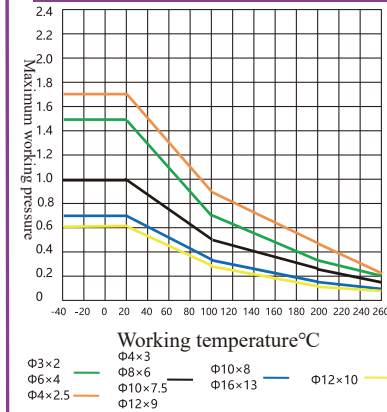
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-40℃ ~ +260℃
Water	0℃ ~ +100℃

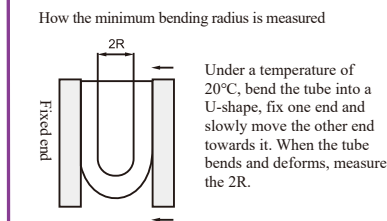
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
3-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Fluororesin series

High purity PFA hose LCTL

Features and Alippcations

- Fluids: air, water, noble gas, chemical liquidt
- Features: Excellent high and low temperature resistance and sliding resistance, super corrosion resistance and chemical stability, excellent low leaching, low permeation, flame retardance, excellent electrical characteristics, can maintain long-term semi-transparency, inert to most chemical inquids, will not leach toxic substances. a third party has verified and certified the amount of leaching of fluoride ions and metal ions .
- Application: Semiconductor, photovoltaic industry, LCD panel manufacturing, etc., Mainly used for cleaning processes and chemical liquid transportation.

Series table

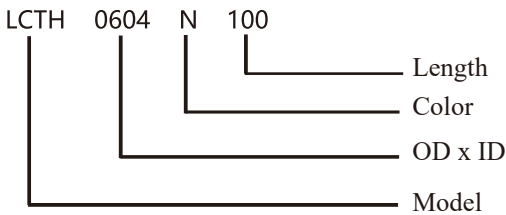
Model	OD x ID	Maximum working pressure				Mini- mum bending radius	Color			
		20°C	100°C	200°C	260°C		Black	Transparent red	Transparent blug	Semitransparent
							B	R	BU	N
LCTL0302	3×2	1.5	0.7	0.35	0.2	20				
LCTL0425	4×2.5	1.7	0.9	0.45	0.23	20				
LCTL0403	4×3	1.0	0.5	0.25	0.15	35				
LCTL0604	6×4	1.5	0.7	0.35	0.2	35				
LCTL0806	8×6	1.0	0.5	0.25	0.15	60				
LCTL1075	10×7.5	1.0	0.5	0.25	0.15	95				
LCTL1008	10×8	0.7	0.35	0.17	0.11	100				
LCTL1209	12×9	1.0	0.5	0.25	0.15	100				
LCTL1210	12×10	0.6	0.3	0.15	0.1	130				
LCTL1613	16×13	0.7	0.35	0.17	0.11	160				
LCTL 1/8"	3.18×2.18	1.0	0.5	0.25	0.15	20				
LCTL 3/16"	4.76×3.15	1.5	0.7	0.35	0.2	25				
LCTL 1/4"	6.35×3.95	1.7	0.9	0.45	0.23	35				
LCTL 3/8"	9.53×6.33	1.5	0.7	0.35	0.2	60				
LCTL 1/2"	12.7×9.5	1.0	0.5	0.25	0.15	95				
LCTL 3/4"	19.05×15.85	0.6	0.3	0.15	0.1	220				

Note: Other sizes, colors can be customized, please contact us.

Material, length, pacingkag

- Material: fluororesin
- Length: 20m/roll or 100m/roll
- Packaging: in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

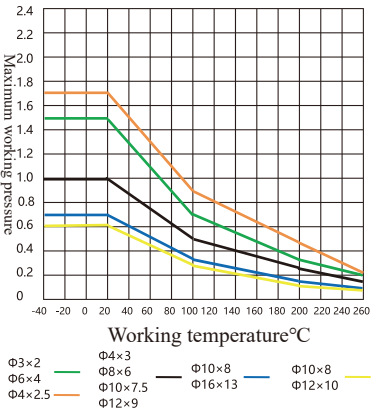
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-40°C ~ +260°C
Water	0°C ~ +100°C

Maximum working pressure chart

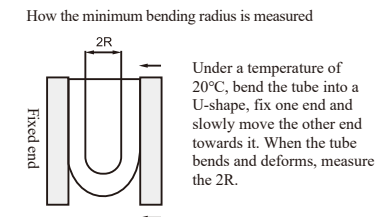


Tolerance level

Hose OD	Tolerance
3-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

★ Attention:

1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Fluororesin series

PFA corrugated hose LCTLC

Features and Applications

- Fluids: air, water, noble gas, chemical liquid
- Features: Excellent chemical resistance, high temperature resistance, low friction coefficient, excellent electrical insulation, corrugated design grants flexibility, better bendability, easy to install and wire.
- Applications: Electronic appliances, food and pharmaceuticals, semiconductors, chemicals, etc. Gas and liquid transportation, anti-static insulation applications, etc.

Series table

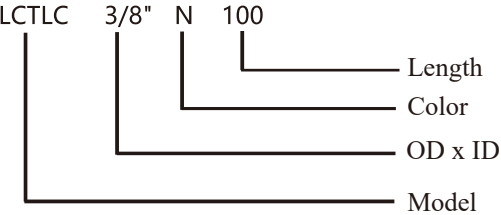
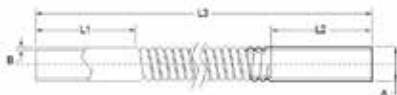
Model	OD x ID	Maximum working pressure				Mini- mum bending radius	Color			
		20°C	100°C	200°C	260°C		Black	Transparent red	Transparent blue	Semitransparent
							B	R	BU	N
LCTLC 3/8"	9.53×6.33	1.05	0.49	0.245	0.14	60				
LCTLC 1/2"	12.7×9.5	0.7	0.35	0.175	0.105	95				
LCTLC 3/4"	19.05×15.85	0.42	0.21	0.105	0.07	220				
LCTLC 1"	25.4×22.2	0.28	0.14	0.07	0.035	400				

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Fluororesin
- Length: 20m/roll or 100m/roll
- Packaging: Outer layer with plastic film, customized box

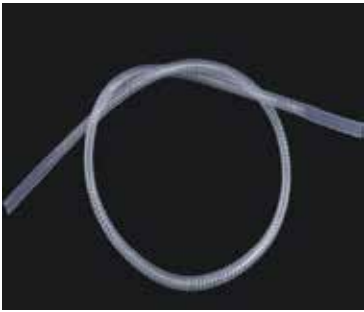
Model representation method

Model	A OD	Wall thickness	L3	L1	L2
LCTLC 3/8"	9.53	1.60	Corrugation length	50	50
LCTLC 1/2"	12.7	1.60		50	50
LCTLC 3/4"	19.1	1.60		50	50
LCTLC 1"	25.4	1.60		50	50

Suitable hose connectors

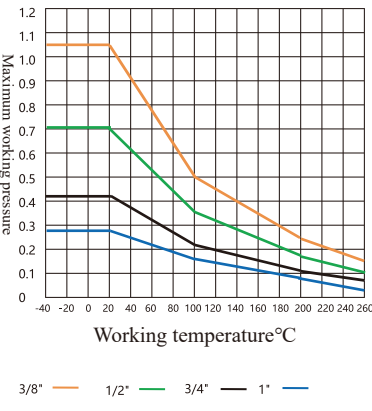
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-40°C ~ +260°C
Water	0°C ~ +100°C

Maximum working pressure chart

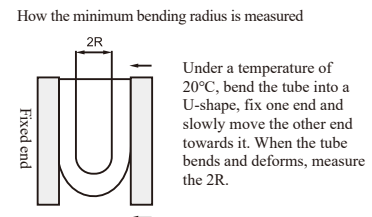


Tolerance level

Hose OD	Tolerance
3-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

★ Attention:

1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Fluororesin series

Static-proof PFA hose LCTLA

Features and Applications

- Fluids: air, water, noble gas, chemical liquid
- Features: Excellent anti-static performance, chemical stability, high temperature resistance, good flexibility and bendability, suitable for complex installation environment, a low friction coefficient and a low fluid flow resistance help improve system efficiency. a third party has verified and certified the amount of leaching of fluoride ions and metal ions.
- Application: Mainly used in semiconductor equipment, chemical liquid transportation.

Series table

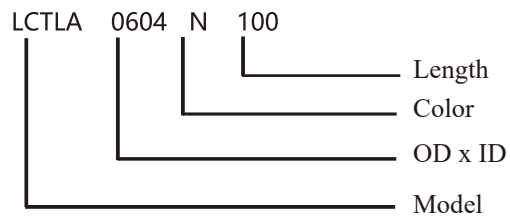
Model	OD x ID	Wall thickness	Maximum working pressure				Minimum bending radius	Color			
			20℃	100℃	200℃	260		Black	Transparent red	Transparent blue	Semitransparent
			20℃	100℃	200℃	260		B	R	BU	N
LCTLA0425	4×2.5	0.75	1.6	0.9	0.45	0.2	15				
LCTLA0604	6×4	1.0	1.4	0.7	0.35	0.2	25				
LCTLA0806	8×6	1.0					45				
LCTLA1075	10×7.5	1.25	0.9	0.5	0.25	0.15	55				
LCTLA1209	12×9	1.5					75				
LCTLA 1/8"	3.18×2.18	0.5	1.4	0.7	0.35	0.2	15	●	●	●	○
LCTLA 3/16"	4.75×3.15	0.8					20				
LCTLA 1/4"	6.35×3.95	1.2	1.6	0.9	0.45	0.2	25				
LCTLA 3/8"	9.53×6.33	1.6	1.4	0.7	0.35	0.2	40				
LCTLA 1/2"	12.7×9.5	1.6	0.9	0.5	0.25	0.2	75				

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Conductive fluororesin
- Length: 20m/roll or 100m/roll
- Packaging: in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

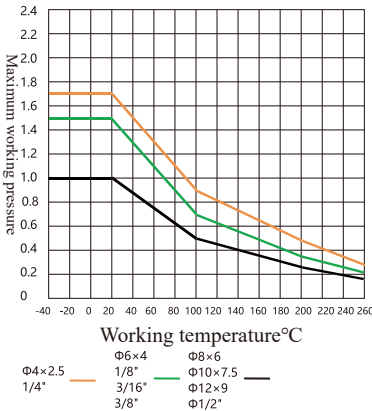
- Anti-static one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-40℃ ~ +260℃
Water	0℃ ~ +100℃

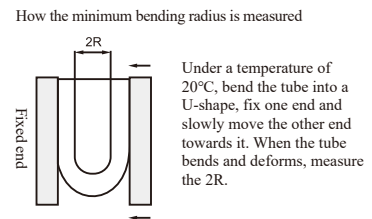
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
3-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Fluororesin series

PTFE hose LCTD

Features and Applications

- Fluids: Air, water, solvent, strong acid, strong base
- Features: Excellent chemical resistance, high temperature resistance, low friction coefficient, excellent electrical insulation, better flexibility than LCTL, flame retardance (equivalent to UL-94 specification V-0).
- Applications: Electronic and electrical, food and pharmaceutical, chemical, etc., used for various pipelines of laboratory equipment.

Series table

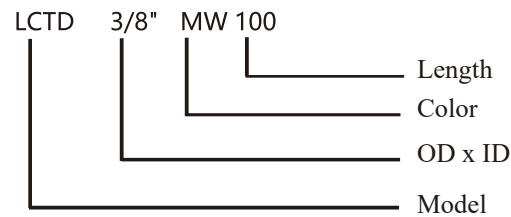
Model	OD x ID	Maximum working pressure				Minimum bending radius	Color			
		20℃	100℃	200℃	260℃		Black	Transparent red	Transparent blue	Semitransparent
		20℃	100℃	200℃	260℃		B	R	BU	MW
LCTD0425	4×2.5	1.6	0.9	0.45	0.23	15				
LCTD0604	6×4	1.4	0.7	0.35	0.2	25				
LCTD0806	8×6					45				
LCTD1075	10×7.5	0.9	0.5	0.25	0.15	55				
LCTD1209	12×9					75				
LCTD 1/8"	3.18×2.18	1.4	0.7	0.35	0.2	15				○
LCTD 3/16"	4.76×3.15					20				
LCTD 1/4"	6.35×3.95	1.6	0.9	0.45	0.23	25				
LCTD 3/8"	9.53×6.33	1.4	0.7	0.35	0.2	40				
LCTD 1/2"	12.7×9.5	0.9	0.5	0.25	0.15	75				

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polytetrafluoroethylene
- Length: 20m/roll or 100m/roll
- Packaging: in plastic film protector, or in customized box

Model representation method



Suitable for hose connectors

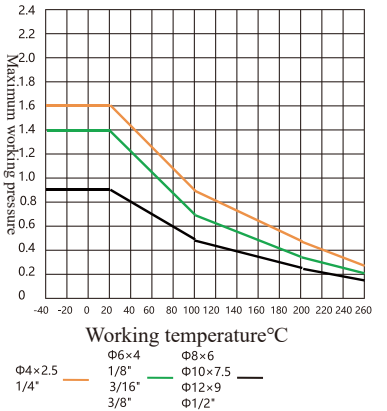
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-40℃ ~ +260℃
Water	0℃ ~ +100℃

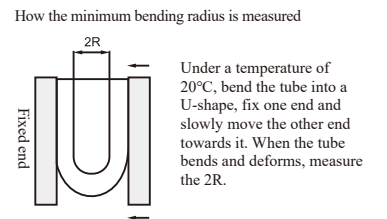
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
3-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.







Fluororesin series

ETFE hose LCFET

Features and Applications

- Fluid: air, water, noble gas, oil, strong acid, strong base
- Features: Excellent chemical resistance, high temperature resistance, excellent mechanical properties, low friction coefficient, UV protection.
- Applications: chemical, pharmaceutical, food, electronics, etc.

Series table

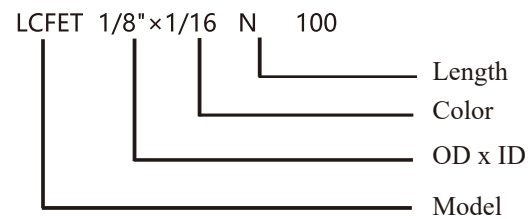
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color			
		20℃	100℃	150℃		Black	Transparent red	Transparent blue	Semitransparent
						B	R	BU	N
LCFET1/16"×0.02"	1.58×0.51	1.7	0.9	0.6	10				
LCFET1/16"×0.016"	1.58×0.41				10				
LCFET1/8"×3/32"	3.18×2.38	1.4	0.7	0.5	20				
LCFET1/8"×1/16"	3.18×1.58	1.5	0.8	0.5	30				
LCFET5/16"×0.232"	7.93×5.89	1.0	0.5	0.4	50				
LCFET3/8"×0.278"	9.52×7.06				35				

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Ethylene tetrafluoroethylene copolymer (hardness: 72D)
- Length: 20m/roll or 100m/roll
- Packaging: in plastic film protector, or in customized boxt

Model representation method



Suitable hose connectors

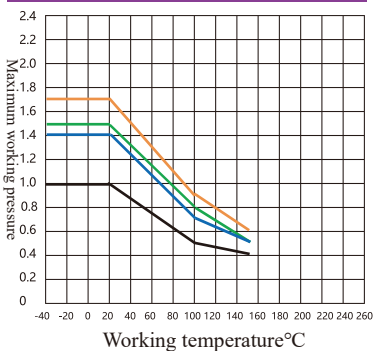
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-60℃ ~ +150℃
Water	0℃ ~ +100℃

Maximum working pressure chart



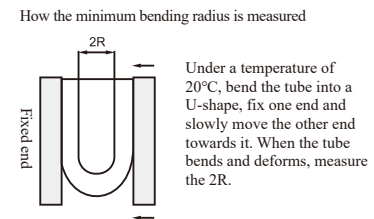
1/16"×0.02" 1/16"×0.016" 1/8"×1/16" 1/8"×3/32" 5/16"×0.232" 3/8"×0.278"

Tolerance level

Hose OD	Tolerance
3-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

★ Attention:

1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20℃.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Fluororesin series

PVDF hose LCFPV

Features and Applications

- Fluid: air, water, solvent, strong acid, strong base
- Features: Chemical resistance, high temperature resistance, high mechanical strength, UV and radiation resistance, low friction coefficient, suitable for sliding parts or fluid transportation, good electrical insulation, long service life, material meets FDA standards.
- Application: Chemical, pharmaceutical, food, electronic and electrical industries, etc.

Series table

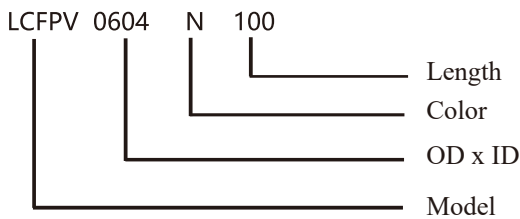
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	100℃	175℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	100℃	175℃		B	W	R	BU	Y	G	GR	C
LCFPV0425	4×2.5	1.7	0.75	0.35	20	●	○	●	●	●	●	●	-
LCFPV0604	6×4	1.5	0.55	0.3	35								
LCFPV0806	8×6	1.0	0.4	0.2	60								
LCFPV1075	10×7.5	1.0	0.4	0.2	95								
LCFPV1008	10×8	0.7	0.3	0.1	100								
LCFPV1209	12×9	1.0	0.4	0.2	100								
LCFPV1210	12×10	0.7	0.3	0.1	130								
LCFPV 1/8"	3.18×2.18	1.0	0.4	0.2	20								
LCFPV 3/16"	4.76×3.15	1.5	0.55	0.3	25								
LCFPV 1/4"	6.35×3.95	1.7	0.75	0.35	35								
LCFPV 3/8"	9.53×6.33	1.5	0.55	0.3	60								
LCFPV 1/2"	12.7×9.5	1.0	0.4	0.2	95								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Vinyl fluoride homopolymer, hardness: 65D
- Length: 20m/roll or 100m/roll
- Packaging: in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

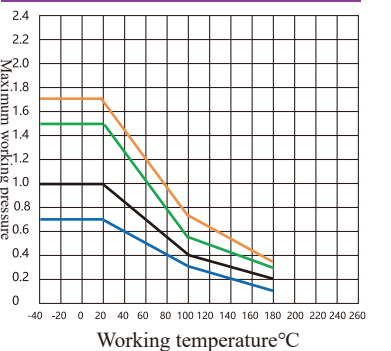
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-55℃ ~ +175℃
Water	0℃ ~ +100℃

Maximum working pressure chart



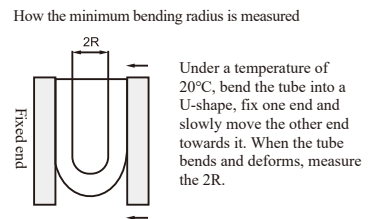
Φ6×4 Φ8×6 Φ10×8 Φ4×2.5 Φ10×7.5 Φ12×9 Φ12×10

Tolerance level

Hose OD	Tolerance
3-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

★ Attention:

1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20℃.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Fluororesin series

Fluororesin spiral hose LCPCFA

Features and Applications

- Fluids: air, water, noble gas, chemical liquid
- Features: Excellent high and low temperature resistance and mechanical properties, super corrosion resistance and chemical stability, excellent mechanical strength and flexibility, spiral hose design saves space.
- Applications: chemical, pharmaceutical, semiconductor, photovoltaic, LCD panel manufacturing, etc.

Series table

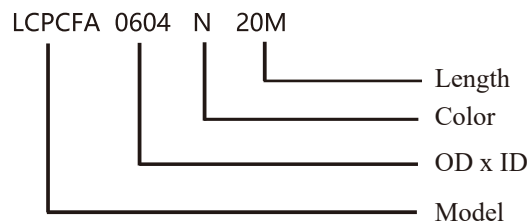
Model	OD x ID	Maximum working pressure				Mini- mum bending radius	Color			
		20℃	100℃	200℃	260℃		Black B	Transparent red R	Transparent blue BU	Semitransparent N
LCPCFA0302	3×2	1.5	0.7	0.35	0.2	20				
LCPCFA0425	4×2.5	1.7	0.9	0.45	0.23	20				
LCPCFA0403	4×3	1.0	0.5	0.25	0.15	35				
LCPCFA0604	6×4	1.5	0.7	0.35	0.2	35				
LCPCFA0806	8×6	1.0	0.5	0.25	0.15	60				
LCPCFA1075	10×7.5	1.0	0.5	0.25	0.15	95				
LCPCFA1008	10×8	0.7	0.35	0.17	0.11	100				
LCPCFA1209	12×9	1.0	0.5	0.25	0.15	100	●	●	●	○
LCPCFA1210	12×10	0.6	0.3	0.15	0.1	130				
LCPCFA1613	16×13	0.7	0.35	0.17	0.11	160				
LCPCFA 1/8"	3.18×2.18	1.0	0.5	0.25	0.15	20				
LCPCFA 3/16"	4.76×3.15	1.5	0.7	0.35	0.2	25				
LCPCFA 1/4"	6.35×3.95	1.7	0.9	0.45	0.23	35				
LCPCFA 3/8"	9.53×6.33	1.5	0.7	0.35	0.2	60				
LCPCFA 1/2"	12.7×9.5	1.0	0.5	0.25	0.15	95				
LCPCFA 3/4"	19.05×15.85	0.6	0.3	0.15	0.1	220				

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Fluororesin
- Length: Length and head are customizable, but the maximum straight hose length does not exceed 20M.
- Packaging: in sealed plastic package

Model representation method



Suitable hose connectors

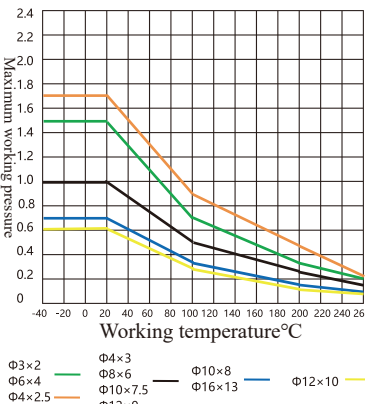
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-40℃ ~ +260℃
Water	0℃ ~ +100℃

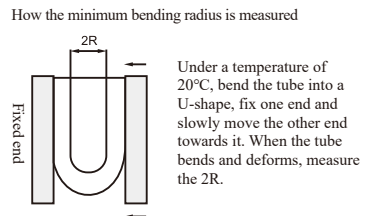
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
3-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyolefin series

Corrosion resistant hose LCTPY

Features and Applications

- Fluids: Air, Water, Electrolyte
- Features: Good corrosion resistance, flexibility, bending resistance
- Application: lithium industry injection machine, etc

Series table

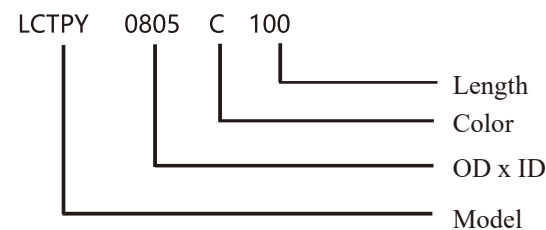
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	50℃		Black B	White W	Red R	Blue BU	Yellow Y	Green G	Grey GR	Clear C
LCTPY0402	4×2	0.6	0.48	0.42	10								
LCTPY0604	6×4				15								
LCTPY0805	8×5				20								
LCTPY1075	10×7.5				30	●	○	●	●	●	●	●	○
LCTPY1208	12×8				35								
LCTPY1209	12×9				40								
LCTPY1210	12×10				55								
LCTPY1612	16×12				60								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyolefin resin
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in plastic film protector

Model representation method



Suitable hose connectors

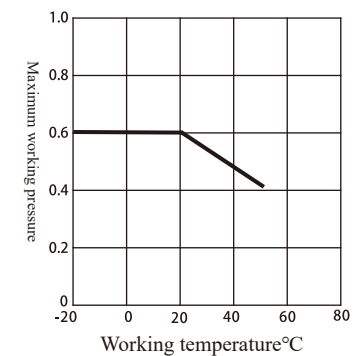
- one-touch fittings, inserted one-touch fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20℃ ~ +50℃

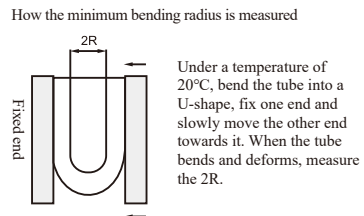
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyolefin series

Hard polyolefin hose LCTPH

Features and Applications

- Fluid: air, nitrogen, water, general-purpose acid-base
- Features: Good corrosion resistance, lightweight, flexibility, temperature resistance, meets food requirements, and the material complies with FDA.
- Applications: Food processing, chemical, medical, semiconductor industries, etc.

Series table

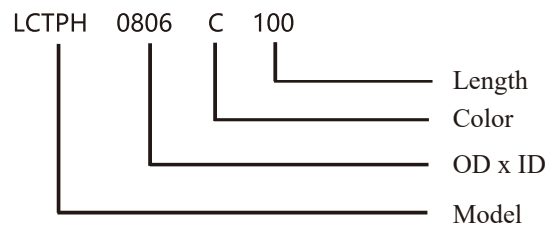
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTPH0425	4×2.5	1.0	0.8	0.6	15	●	○	●	●	●	●	●	○
LCTPH0604	6×4				25								
LCTPH0806	8×6				35								
LCTPH1075	10×7.5	0.7	0.57	0.43	45								
LCTPH1209	12×9				55								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyolefin resin
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in plastic bag, customized box

Model representation method



Suitable hose connectors

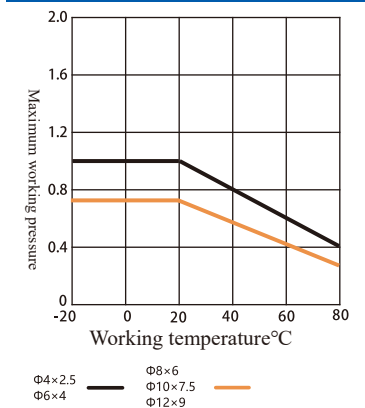
- one-touch fittings, clean one-touch fittings, brass one-touch fittings, insert fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20°C ~ +80°C
Water	5°C ~ +80°C

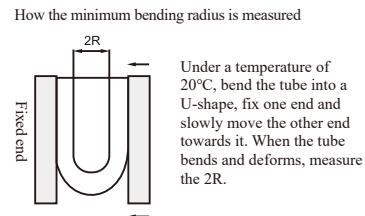
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyolefin series

Soft polyolefin hose LCTPS

Soft polyolefin hose

- Fluid: air, nitrogen, water, general-purpose acid-base
- Features: Good corrosion resistance, lightweight, flexibility, temperature resistance, meets food requirements, and the material complies with FDA.
- Applications: Food processing, chemical, medical, semiconductor industries, etc.

Series table

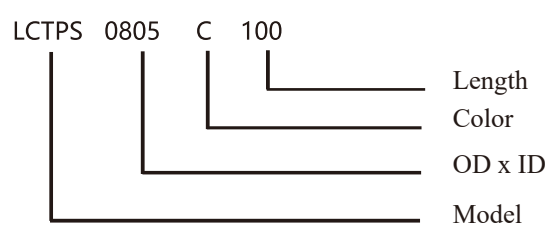
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTPS0425	4×2.5	0.7	0.58	0.46	10	●	○	●	●	●	●	●	○
LCTPS0604	6×4				20								
LCTPS0805	8×5				25								
LCTPS1065	10×6.5				30								
LCTPS1208	12×8				40								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyolefin resin
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in plastic bag, or in customized box

Model representation method



Suitable hose connectors

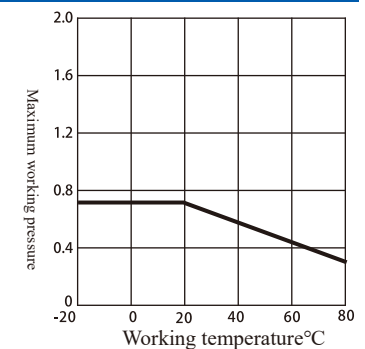
- one-touch fittings, clean one-touch fittings, brass one-touch fittings, insert fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20°C ~ +80°C
Water	5°C ~ +80°C

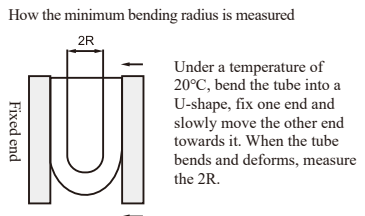
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane series

Polyester polyurethane hose LCPU

Features and Applications

- Fluid: Air
- Features: Good mechanical properties, tensile strength, pressure resistance, wear resistance, and resistance to bending.
- Application: Suitable for pneumatic circuit applications, applied to pneumatic devices, automation equipment, rapid circulation systems, etc.

Series table

Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCPU0212	2×1.2	Air 0.8	Air 0.65	Air 0.5	4								
LCPU0425	4×2.5				10								
LCPU0604	6×4				15								
LCPU0805	8×5				20								
LCPU1065	10×6.5				27								
LCPU1208	12×8				35	●	○	●	●	●	●	●	○
LCPU1410	14×10				40								
LCPU1612	16×12				45								
LCPU 1/8"	3.18×2				10								
LCPU 3/16"	4.76×3.18				15								
LCPU 1/4"	6.35×4.23				23								
LCPU 3/8"	9.53×6.35				27								
LCPU 1/2"	12.7×8.46				35								

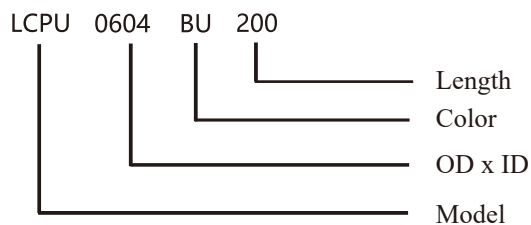
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyester polyurethane, hardness: 95A~98A
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in spool packaging, or in customized box



Model representation method



Suitable hose connectors

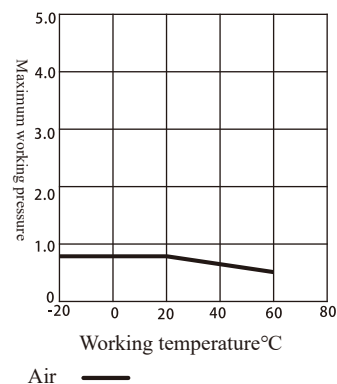
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20℃ ~ +70℃

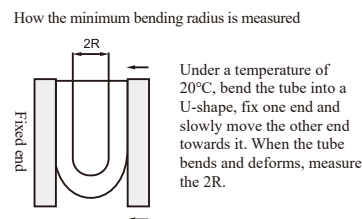
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane series

Polyether polyurethane hose LCTU

Features and Applications

- Fluid: Air, Water
- Features: Good mechanical properties, tensile strength, pressure resistance, wear resistance, UV resistance, bending resistance, good hydrolysis resistance, low temperature resistance, good low-temperature flexibility, more chemical resistance, longer service life.
- Applications: pneumatic equipment, automation equipment, rapid circulation system, automobile manufacturing, etc.

Series table

Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCTU0212	2×1.2	Air 0.8 Water 0.6	Air 0.65 Water 0.5	Air 0.5 Water 0.4	4								
LCTU0425	4×2.5				10								
LCTU0604	6×4				15								
LCTU0805	8×5				20								
LCTU1065	10×6.5				27								
LCTU1208	12×8				35	●	○	●	●	●	●	●	○
LCTU1410	14×10				40								
LCTU1612	16×12				45								
LCTU 1/8"	3.18×2				10								
LCTU 3/16"	4.76×3.18				15								
LCTU 1/4"	6.35×4.23				23								
LCTU 3/8"	9.53×6.35				27								
LCTU 1/2"	12.7×8.46				35								

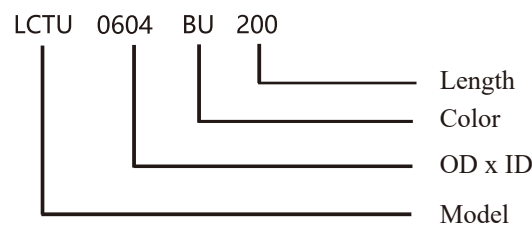
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane, hardness: 95A~98A
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in spool packaging, or in customized box



Model representation method



Suitable hose connectors

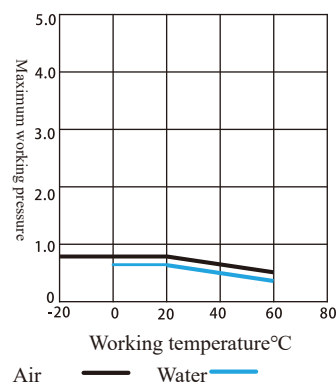
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

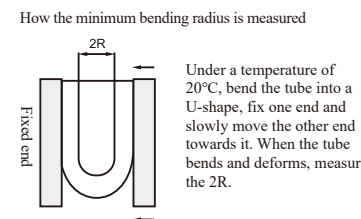
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane series

Food-grade polyurethane hose LCTUX

Features and Applications

- Fluid: Air, Water
- Features: Good mechanical properties, tensile strength, pressure resistance, wear resistance, UV resistance, bending resistance, hydrolysis resistance, better chemical resistance than polyester PU, longer service life, and material compliance with FDA certification.
- Applications: Food processing, pneumatic equipment, automation equipment, rapid circulation systems, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTUX0212	2×1.2	Air 0.8	Air 0.65	Air 0.5	4								
LCTUX0425	4×2.5				10								
LCTUX0604	6×4				15								
LCTUX0805	8×5				20								
LCTUX1065	10×6.5				30								
LCTUX1208	12×8	Water 0.6	Water 0.5	Water 0.4	35	●	○	●	●	●	●	●	○
LCTUX1410	14×10				55								
LCTUX1612	16×12				65								
LCTUX 1/8"	3.18×2				10								
LCTUX 3/16"	4.76×3.18				15								
LCTUX 1/4"	6.35×4.23				23								
LCTUX 3/8"	9.53×6.35				27								
LCTUX 1/2"	12.7×8.46				35								

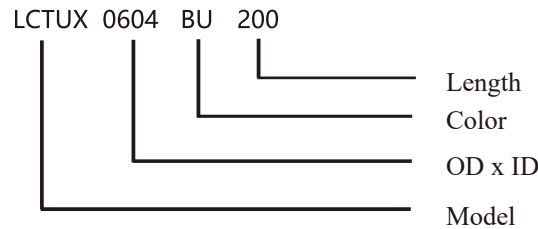
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane, hardness: 95A~98A
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in spool packaging, or in customized boxe



Model representation method



Suitable for hose connectors

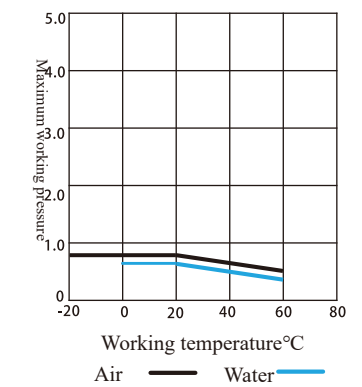
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

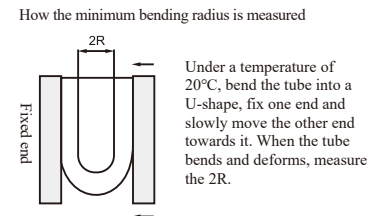
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane series

Soft polyurethane hose LCTUS

Features and Applications

- Fluid: Air, Water
- Features: Good mechanical properties, tensile strength, pressure resistance, wear resistance, UV resistance, bending resistance, stronger flexibility, suitable for vacuum environment, negative pressure -100KPa.
- Application: Very suitable for pneumatic circuit applications, applied to pneumatic equipment, automation equipment, rapid circulation systems, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTUS0425	4×2.5	Air 0.6	Air 0.6	Air 0.4	8								
LCTUS0604	6×4				15								
LCTUS0805	8×5				15								
LCTUS1065	10×6.5				22								
LCTUS1208	12×8				29								
LCTUS1410	14×10	Water 0.4	Water 0.4	Water 0.2	35	●	○	●	●	●	●	●	○
LCTUS1612	16×12				45								
LCTUS 1/8"	3.18×2				8								
LCTUS 3/16"	4.76×3.18				10								
LCTUS 1/4"	6.35×4.23				20								
LCTUS 3/8"	9.53×6.35				25								
LCTUS 1/2"	12.7×8.46				30								

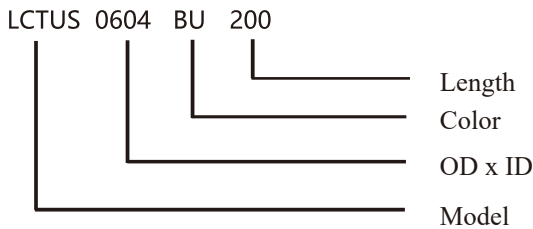
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane, hardness: customizable
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in spool packaging, or in box



Model representation method



Suitable for hose connectors

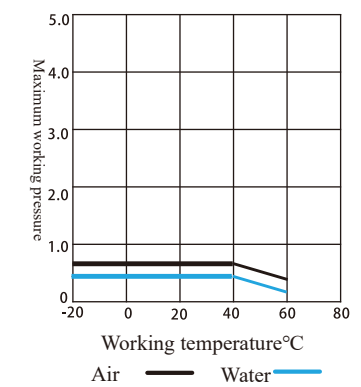
- one-touch fittings, insert fittings, Hose locking connectors (male hose connector)



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

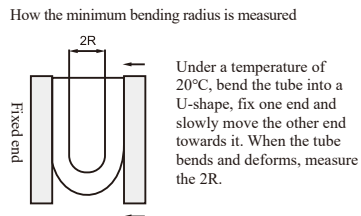
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane series

Wear resistant hose LCTUZ

Features and Applications

- Fluid: Air, Water
- Features: Good mechanical properties, tensile strength, pressure resistance, UV resistance, bending resistance, hydrolysis resistance, better wear resistance, and longer service life.
- Applications: Pneumatic equipment, automation equipment, rapid circulation systems, drag chain hose, etc.

Series table

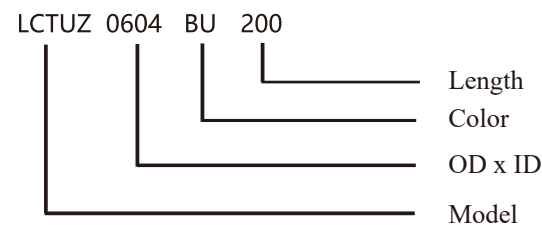
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTUZ0212	2×1.2	Air 0.8 Water 0.6	Air 0.65 Water 0.5	Air 0.5 Water 0.4	4	●	○	●	●	●	●	●	○
LCTUZ0425	4×2.5				10								
LCTUZ0604	6×4				15								
LCTUZ0805	8×5				20								
LCTUZ1065	10×6.5				27								
LCTUZ1208	12×8				35								
LCTUZ1410	14×10				40								
LCTUZ1612	16×12				45								
LCTUZ 1/8"	3.18×2				10								
LCTUZ 3/16"	4.76×3.18				15								
LCTUZ 1/4"	6.35×4.23				23								
LCTUZ 3/8"	9.53×6.35				27								
LCTUZ 1/2"	12.7×8.46				35								

Material, length, packaging

- Material: Polyether polyurethane, hardness: 95A~98A
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in spool packaging, or in box



Model representation method



Suitable for hose connectors

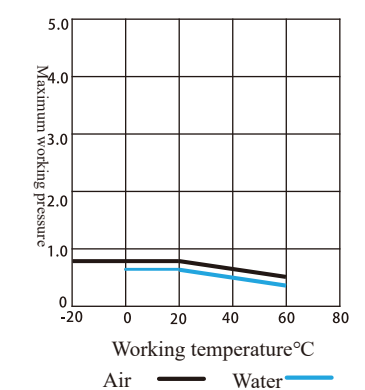
- one-touch fittings, insert fittings, miniature fittings, male hose fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

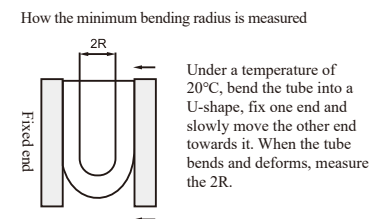
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.











Polyurethane series

High temperature and high pressure polyester hose LCTUH

Features and Applications

- Fluid: Air
- Features: Good mechanical properties, tensile strength, wear resistance, UV resistance, high temperature resistance, high pressure resistance.
- Application: More suitable for high-pressure environments, applied to pneumatic devices, automation equipment, rapid circulation systems, automobile manufacturing, etc.

Series table

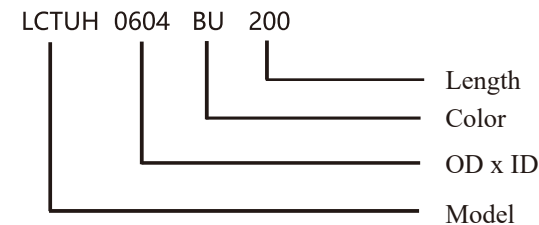
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTUH0212	2×1.2	Air 1.2	Air 1.0	Air 0.6	4								
LCTUH0425	4×2.5				10								
LCTUH0604	6×4				15								
LCTUH0805	8×5				20								
LCTUH1065	10×6.5				27								
LCTUH1208	12×8				35								
LCTUH1410	14×10				40								
LCTUH1612	16×12				45								
LCTUH 1/8"	3.18×2				10								
LCTUH 3/16"	4.76×3.18				15								
LCTUH 1/4"	6.35×4.23				23								
LCTUH 3/8"	9.53×6.35				27								
LCTUH 1/2"	12.7×8.46	35											

Material, length, packaging

- Material: Special polyurethane, hardness: 40D~70D
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in spool packaging, or in box



Model representation method



Suitable for hose connectors

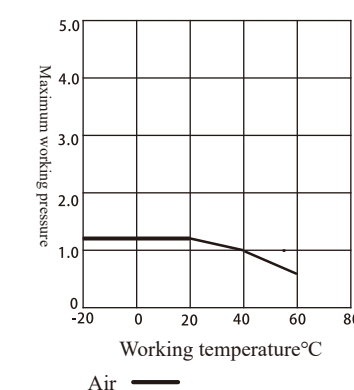
- one-touch fittings, insert fittings, miniature fittings, male hose fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +120℃

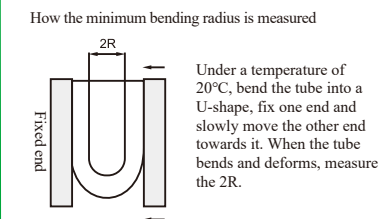
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.











Polyurethane series

Static-proof polyurethane hose LCTAU

Features and Applications

- Fluid: Air
- Features: The material has low electrical resistivity, long lifespan, excellent vibration absorption, and is made of conductive polyurethane with a surface resistance of $10^4\sim10^7\ \Omega$. This type of tube can completely dissipate accumulated static electricity, thereby improving the safety of the equipment.
- Applications: anti-static packaging equipment, pneumatic devices, electronics industry, spraying equipment.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCTAU0425	3×2.5	Air	Air	Air	10								
LCTAU0425	4×2.5				10								
LCTAU0604	6×4				15								
LCTAU0805	8×5				20								
LCTAU1065	10×6.5				30								
LCTAU1208	12×8				35								

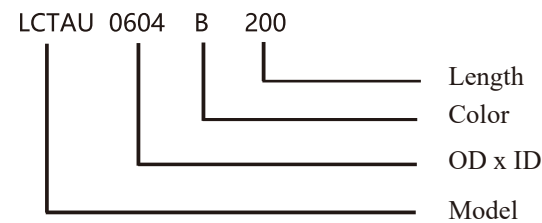
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyester polyurethane, hardness: 95A~98A
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in spool packaging, or in box



Model representation method



Suitable for hose connectors

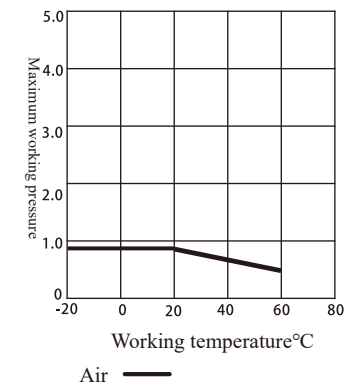
- Anti-static one-touch fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20℃~+70℃

Maximum working pressure chart

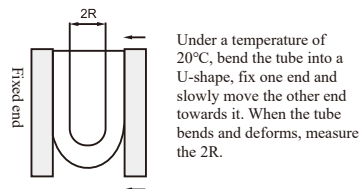


Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Polyurethane series

PUR harness hose LCTUR

Features and Applications

- Features: Good mechanical properties, tensile strength, wear resistance, bending resistance, flame retardant properties, in compliance with ROHS and REACH.
- Application: Automobile manufacturing, vehicle wiring harness (cockpit, engine compartment, headlight wiring harness), etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCTUR6.1×3.5	6.1×3.5	/	/	/	1.3	●	○	●	●	●	●	●	○
LCTUR8×5	8×5				1.5								
LCTUR8.7×6	8.7×6				1.35								
LCTUR10.7×8	10.7×8				1.35								
LCTUR9.7×7	9.7×7				1.35								
LCTUR8.4×5.8	8.4×5.8				1.3								

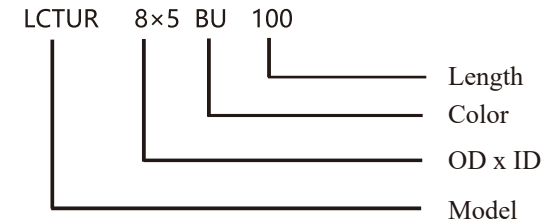
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane, hardness: 85A、90A、95A
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in spool packaging, or in box



Model representation method



Working fluid temperature ranges

- Not applicable to fluids

Maximum working pressure chart

- Used for vehicle harness protection, not under pressure

Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is a wire harness sleeve, if used in any other conditions, please contact us.
 2. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.









Polyurethane series

Polyester polyurethane multi-row hose LCPFU

Features and Applications

- Fluid: Air
- Features: Multiple hoses are fully bonded, improving durability. After peeling, the outer diameter of the tube remains unchanged, quick identification of different circuits. Installation is fast, making it easy to simplify routes.
- Applications: Pneumatic devices, automation equipment, robots, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCPFU0425	4×2.5	Air 0.8	Air 0.65	Air 0.5	10								
LCPFU0604	6×4				15								
LCPFU0805	8×5				20								
LCPFU1065	10×6.5				30								
LCPFU1208	12×8				35								
LCPFU1410	14×10				55								
LCPFU1612	16×12				65								
LCPFU 1/8"	3.18×2				10								
LCPFU 3/16"	4.76×3.18				15								
LCPFU 1/4"	6.35×4.23				23								
LCPFU 3/8"	9.53×6.35				27								
LCPFU 1/2"	12.7×8.46				35								

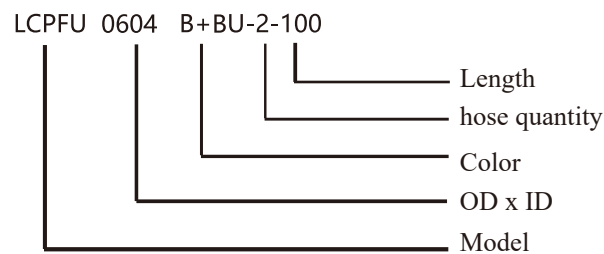
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyester polyurethane, hardness: 95A~98A
- Length: 100m/roll
- Packaging: in spool packaging, or in box



Model representation method



Suitable hose connectors

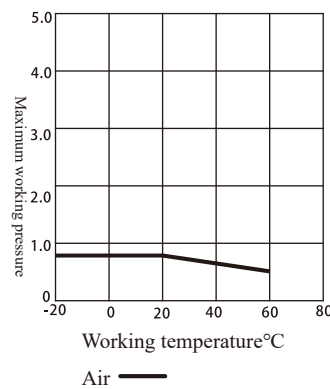
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20℃ ~ +70℃

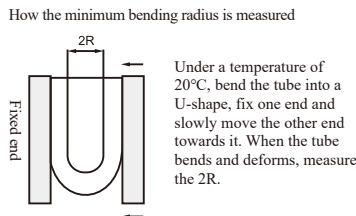
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane series

Polyether polyurethane multi-row hose LCTFU

Features and Applications

- Fluid: Air, water
- Features: Multiple hoses are fully bonded, improving durability. After peeling, the outer diameter of the tube remains unchanged, quick identification of different circuits. Installation is fast, making it easy to simplify routes. Hydrolysis resistance, low temperature resistance, good flexibility under low temperature.
- Applications: Pneumatic devices, automation equipment, robots, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCTFU0425	4×2.5	Air 0.8 Water 0.6	Air 0.65 Water 0.5	Air 0.5 Water 0.4	10	●	○	●	●	●	●	●	○
LCTFU0604	6×4				15								
LCTFU0805	8×5				20								
LCTFU1065	10×6.5				30								
LCTFU1208	12×8				35								
LCTFU1410	14×10				55								
LCTFU1612	16×12				65								
LCTFU 1/8"	3.18×2				10								
LCTFU 3/16"	4.76×3.18				15								
LCTFU 1/4"	6.35×4.23				23								
LCTFU 3/8"	9.53×6.35				27								
LCTFU 1/2"	12.7×8.46				35								

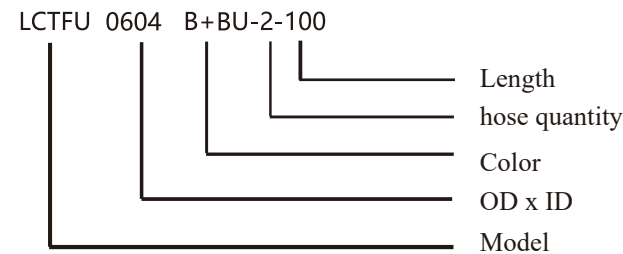
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane, hardness: 95A~98A
- Length: 100m/roll
- Packaging: in spool packaging, or in box



Model representation method



Suitable hose connectors

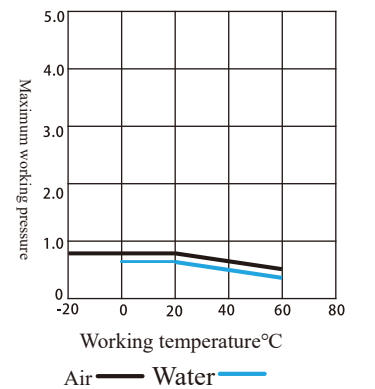
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

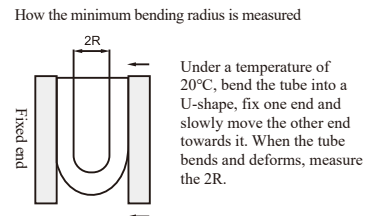
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air, water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane series

Bio-based polyurethane hose LCTUY

Features and Applications

- Fluid: Air, Water
- Features: Environmental friendliness, raw materials sourced from renewable resources, excellent mechanical properties, tensile strength, pressure resistance, wear resistance, UV resistance, bending resistance, good hydrolysis resistance, in compliance with FDA certification.
- Applications: Food industry, medicinal industry, pneumatic devices, automation equipment, rapid circulation systems, etc.

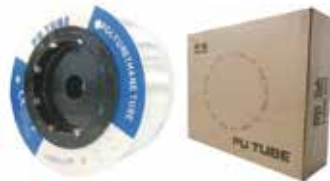
Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTUY0425	4×2.5	Air 0.8	Air 0.65	Air 0.5	10	●	○	-	●	-	-	-	-
0604TUY	6×4				15								
LCTUY0805	8×5				20								
LCTUY1065	10×6.5				30								
LCTUY1208	12×8				35								
LCTUY1410	14×10	Water 0.6	Water 0.5	Water 0.4	55	●	○	-	●	-	-	-	-
LCTUY1612	16×12				65								
LCTUY 1/8"	3.18×2				10								
LCTUY 3/16"	4.76×3.18				15								
LCTUY 1/4"	6.35×4.23				23								
LCTUY 3/8"	9.53×6.35				27								
LCTUY 1/2"	12.7×8.46				35								

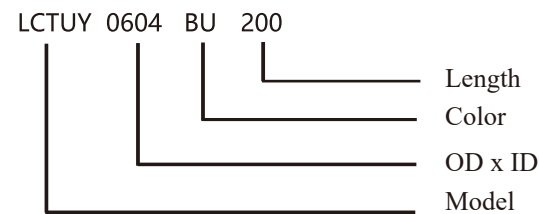
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane, hardness: 95A~98A
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: in spool packaging, or in box



Model representation method



Suitable hose connectors

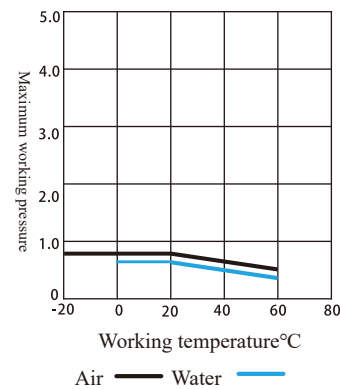
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

Maximum working pressure chart

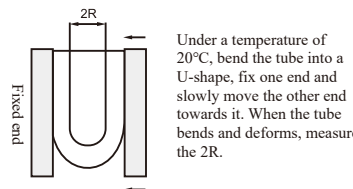


Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air, water. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Polyurethane series

High temperature water hose LCTPU

Features and Applications

- Fluid: Water, Air
- Features: good corrosion resistance, flexibility, high water temperature resistance, bending resistance, anti-aging, long service life.

- Application: Injection molding machine, mold temperature controllers

Series table

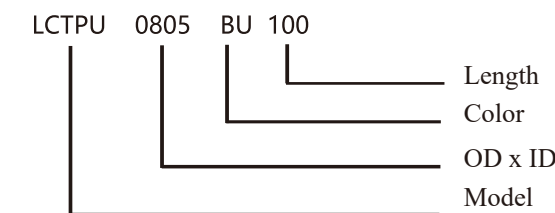
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	60℃	100℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTPU0425	4×2.5	1.0	0.5	0.3	15	●	○	●	●	●	●	●	○
LCTPU0604	6×4				20								
LCTPU0805	8×5				30								
LCTPU0906	9×6				35								
LCTPU1065	10×6.5				40								
LCTPU1108	11×8				45								
LCTPU1208	12×8				50								
LCTPU1611	16×11				75								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

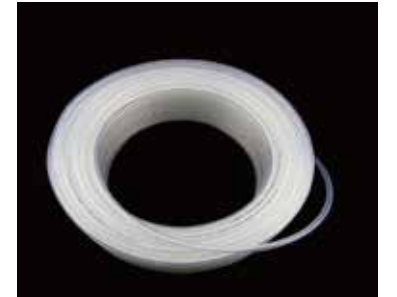
- Material: Special polyether polyurethane
- Length: 100m/roll
- Packaging: in spool packaging with plastic film protector

Model representation method



Suitable hose connectors

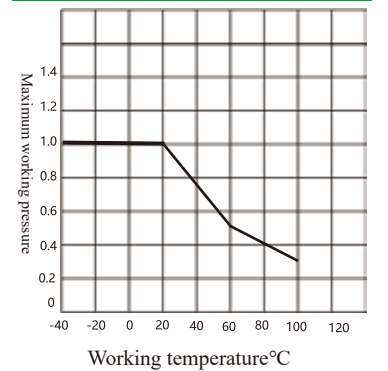
- one-touch fittings



Working fluid temperature ranges

Fluids	Working temperature
Water, air	-20℃ ~ +100℃

Maximum working pressure chart

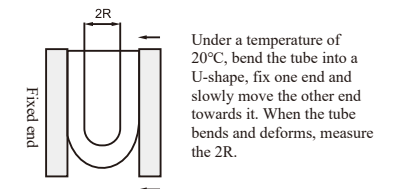


Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air, water passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Polyurethane spiral hose series

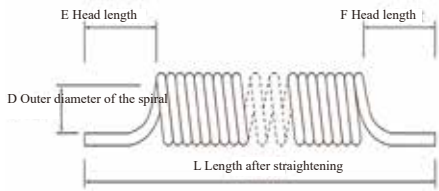
Polyester polyurethane spiral hose LCPCU

Features and Applications

- Fluid: Air
- Features: outstanding coil memorization, wear resistance, suitable for rapid circulation system usages, uniform tensile strength, light-weighted
- Application: factory floor, machine tools, pneumatic equipments, robots, industrial machines, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCPCU0425	4×2.5	Air 0.8	Air 0.65	Air 0.5	10								
LCPCU0604	6×4				15								
LCPCU0805	8×5				20								
LCPCU1065	10×6.5				30	●	○	●	●	●	●	●	○
LCPCU1208	12×8				35								
LCPCU1410	14×10				55								
LCPCU1612	16×12				65								

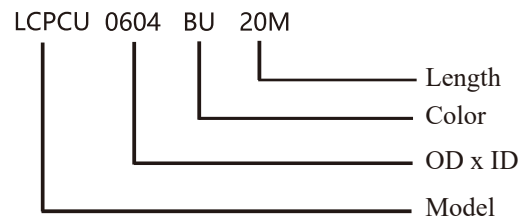


Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyurethane (hardness: 95~98A)
- Length: Length and head are customizable, but the maximum straight hose length does not exceed 20M.
- Packaging: in sealed plastic package

Model representation method



Suitable hose connectors

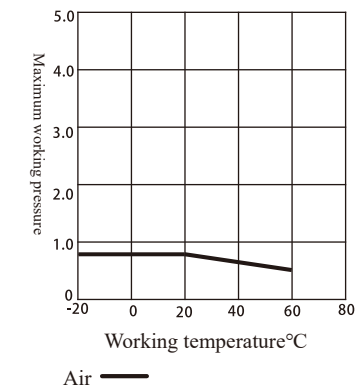
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20℃ ~ +70℃

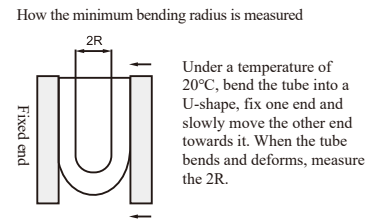
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane spiral hose series

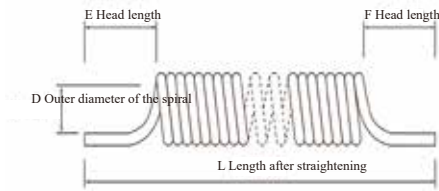
Polyether polyurethane spiral hose LCTCU

Features and Applications

- Fluid: Air, water
- Features: outstanding coil memorization, wear resistance, suitable for rapid circulation system usages, uniform tensile strength, long service life, light-weighted, hydrolysis resistant
- Application: factory floor, machine tools, pneumatic equipments, robots, industrial machines, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCTCU0425	4×2.5	Air 0.8	Air 0.65	Air 0.5	10								
LCTCU0604	6×4				15								
LCTCU0805	8×5				20								
LCTCU1065	10×6.5				30	●	○	●	●	●	●	●	○
LCTCU1208	12×8				35								
LCTCU1410	14×10				55								
LCTCU1612	16×12				65								

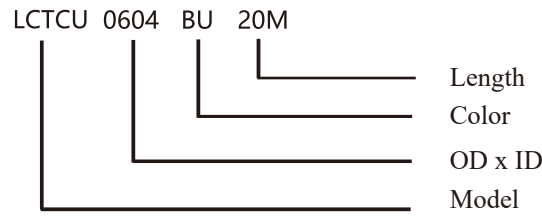


Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane (hardness: 95~98A)
- Length: Length and head are customizable, but the maximum straight hose length does not exceed 20M.
- Packaging: in sealed plastic package

Model representation method



Suitable hose connectors

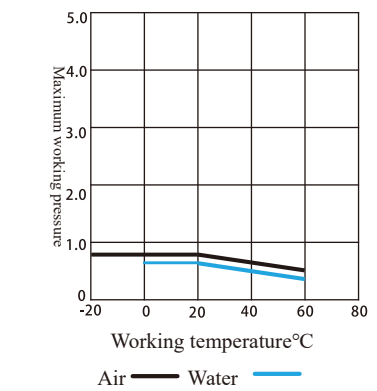
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

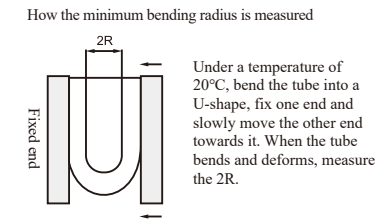
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane spiral hose series

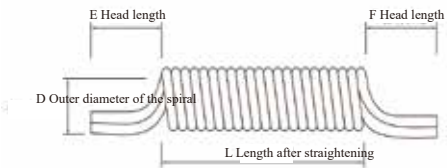
Polyester polyurethane multi-row spiral hose LCPCU

Features and Applications

- Fluid: Air
- Features: outstanding coil memorization, wear resistance, suitable for rapid circulation system usages, uniform tensile strength, light-weighted, saves space
- Application: factory floor, machine tools, pneumatic equipments, robots, industrial machines, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Covlor							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCPFCU0425	4×2.5	Air 0.8	Air 0.65	Air 0.5	10	●	○	●	●	●	●	●	○
LCPFCU0604	6×4				15								
LCPFCU0805	8×5				20								
LCPFCU1065	10×6.5				30								
LCPFCU1208	12×8				35								
LCPFCU1410	14×10				55								
LCPFCU1612	16×12				65								

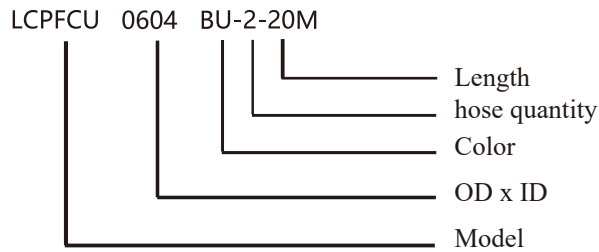


Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyurethane (hardness: 95~98A)
- Length: Length and head are customizable, but the maximum straight hose length does not exceed 20M.
- Packaging: in sealed plastic package

Model representation method



Suitable hose connectors

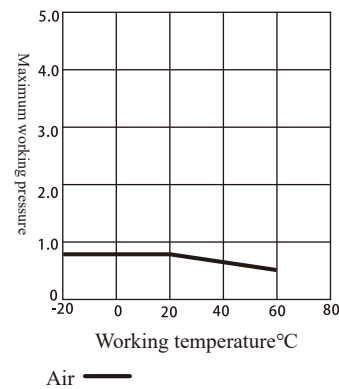
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20℃ ~ +70℃

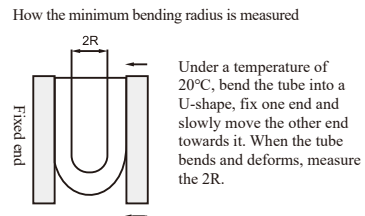
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air passage. If other media are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane spiral hose series

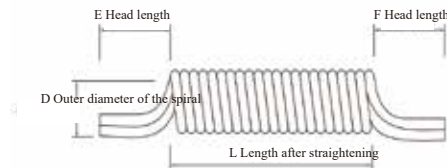
Polyether polyurethane multi-row spiral hose LCTFCU

Features and Applications

- Fluid: Air, water
- Features: outstanding coil memorization, wear resistance, suitable for rapid circulation system usages, uniform tensile strength, longer service life, light-weighted, saves space, hydrolysis resistant
- Application: factory floor, machine tools, pneumatic equipments, robots, industrial machines, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Covlor							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCTFCU0425	4×2.5	Air 0.8 Water	Air 0.65 Water	Air 0.5 Water	10	●	○	●	●	●	●	●	○
LCTFCU0604	6×4				15								
LCTFCU0805	8×5				20								
LCTFCU1065	10×6.5				30								
LCTFCU1208	12×8				35								
LCTFCU1410	14×10				55								
LCTFCU1612	16×12				65								

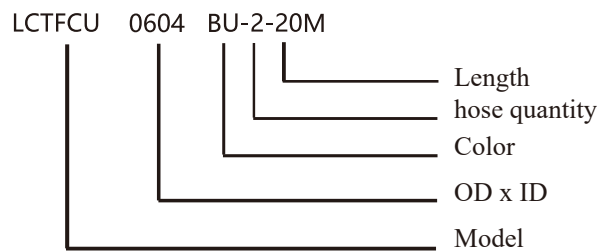


Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane (hardness: 95~98A)
- Length: Length and head are customizable, but the maximum straight hose length does not exceed 20M.
- Packaging: in sealed plastic package

Model representation method



Suitable hose connectors

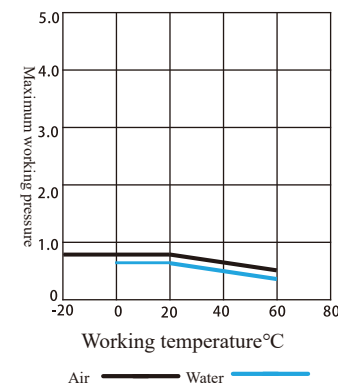
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

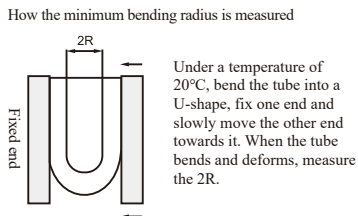
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.











Polyurethane reinforced hose series

Polyester PU reinforced hose LCYPU

Features and Applications

- Fluid: Air
- Features: Good mechanical properties, soft, pressure resistant, wear resistant, vibration resistant
- Application: pneumatic equipment, automation equipment, rapid circulation systems, etc.

Series table

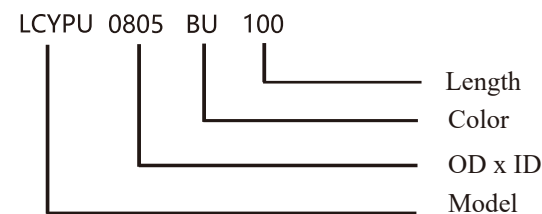
Model	OD x ID	Maximum working pressure			Mini- bending radius	Covlor							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCYPU0805	8×5	1.6	1.2	0.8	20								
LCYPU1065	10×6.5				30								
LCYPU1208	12×08				40								
LCYPU1410	14×10	1.4	1.0	0.6	60								
LCYPU1612	16×12				75								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyurethane (hardness: 90A)
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in box

Model representation method



Suitable hose connectors

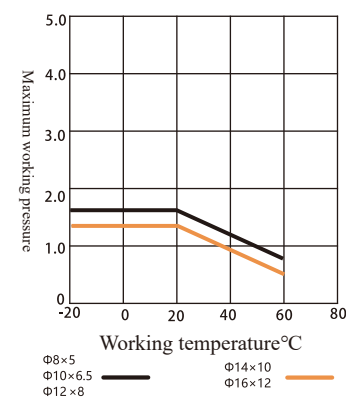
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20℃ ~ +70℃

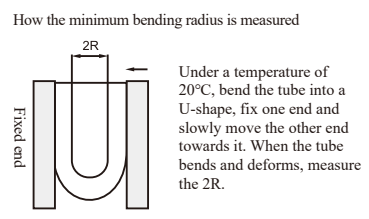
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
8-12mm	+0.15 / -0.15
14-19mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.











Polyurethane reinforced hose series

Polyether PU reinforced hose LCYTU

Features and Applications

- Fluid: Air, water
- Features: Good mechanical properties, pressure resistant, wear resistant, vibration resistant, hydrolysis resistant, better chemical resistant and longer service life than LCYPU
- Application: pneumatic equipment, automation equipment, rapid circulation systems, cooling system, automobile manufacturing, etc.

Series table

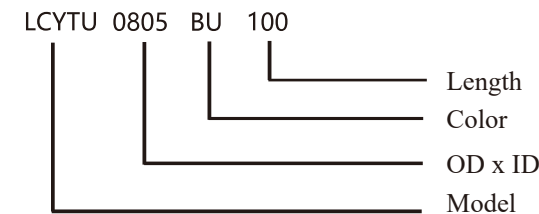
Model	OD x ID	Maximum working pressure			Minimum bending radius	Covlor							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCYTU0805	8×5	1.6	1.2	0.8	20								
LCYTU1065	10×6.5				30								
LCYTU1208	12×08				40								
LCYTU1410	14×10	1.4	1.0	0.6	60								
LCYTU1612	16×12				75								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane (hardness: 95~98A)
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in box

Model representation method



Suitable hose connectors

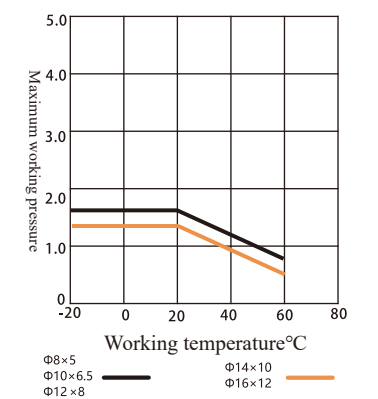
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

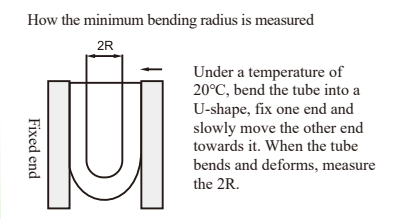
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
8-12mm	+0.15 / -0.15
14-19mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Polyurethane reinforced hose series

PUR reinforced hose LCYTU

Features and Applications

- Fluid: Air, water
- Features: Textile-like structure reinforces product, pressure resistance, wear resistance, vibration resistance, microbe resistance, hydrolysis resistance, V2 level flame retardance, RoHS compliance
- Application: pneumatic equipment, automation equipment, cooling system, automobile manufacturing, spot-welding robots, etc.

Таблица серий

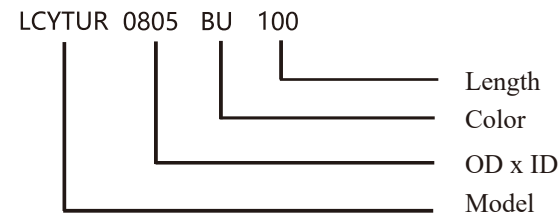
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Covlor							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20°C	40°C	60°C		B	W	R	BU	Y	G	GR	C
LCYTUR 1/4"	12×6.35	1.6	1.2	0.8	65	●	○	●	●	●	●	●	-
LCYTUR 3/8"	15×9.52				75								
LCYTUR 1/2"	19.1×12.5				125								
LCYTUR 5/8"	23×15.8	150											
LCYTUR 3/4"	25.4×19.05	180											
LCYTUR 1"	32×25.4	250											

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: PUR (hardness: 48D)
- Length: 100m/Irol
- Packaging: by roll in plastic film protector

Model representation method



Suitable hose connectors

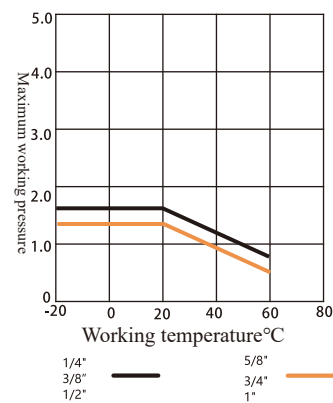
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +70°C
Water	0°C ~ +40°C

Maximum working pressure chart

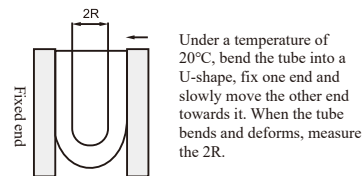


Tolerance level

Hose OD	Tolerance
8-12mm	+0.15 / -0.15
14-19mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



















Polyurethane reinforced hose series

Air reinforced hose LCYTUA

Features and Applications

- Fluid: Air, water
- Features: Textile-like structure reinforces product, pressure resistance, microbe resistance, hydrolysis resistance, halogen-free, RoHS compliance, built-in ground ensures better safety, better corrosion resistance, softness
- Application: spraying industry, pneumatic equipment, automation equipment, rapid circulation systems, etc.

Series table

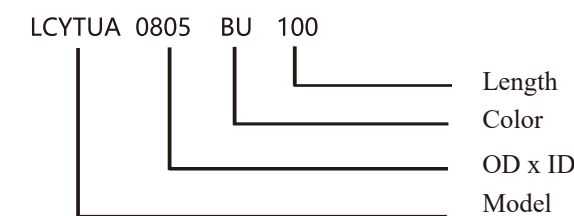
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20°C	40°C	60°C		B	W	R	BU	Y	G	GR	C
LCYTUA0805	8×5	1.6	1.2	0.8	20								
LCYTUA1065	10×6.5				30								
LCYTUA1208	12×8				40								
LCYTUA 1/4"	9.52×6.35	1.6	1.2	0.8	30								
LCYTUA 3/8"	15×9.52				75								
LCYTUA 1/2"	19.1×12.5				125								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane (hardness: 95~98A)
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in box

Model representation method



Suitable hose connectors

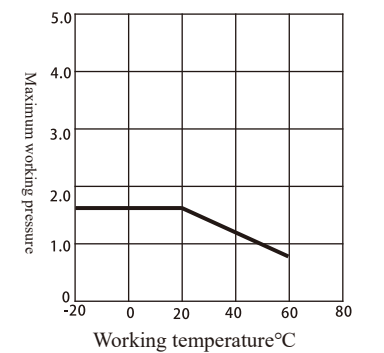
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +70°C
Water	0°C ~ +40°C

Maximum working pressure chart

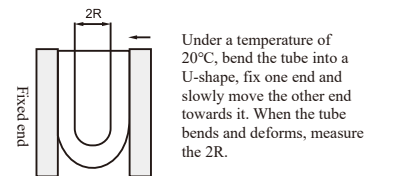


Tolerance level

Hose OD	Tolerance
8-12mm	+0.15 / -0.15
14-19mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Flame retardant series:

Single-layer polyester PU flame retardant hose LCFRPU

Features and Applications

- Fluid: Air
- Features: Low bending radius, good softness, usage of fireproof material, UL94 V-0 level flame retardance
- Application: industrial equipment, robots, welding equipment, general wiring, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCFRPU0425	4×2.5	Air 1.0	Air 0.8	Air 0.6	10	●	○	●	●	●	●	●	-
LCFRPU0604	6×4				15								
LCFRPU0805	8×5				20								
LCFRPU1065	10×6.5				30								
LCFRPU1208	12×8				35								
LCFRPU1410	14×10				55								
LCFRPU1612	16×12				65								
LCFRPU 1/8"	3.18×2				10								
LCFRPU 3/16"	4.76×3.18				15								
LCFRPU 1/4"	6.35×4.23				23								
LCFRPU 3/8"	9.53×6.35				27								
LCFRPU 1/2"	12.7×8.46				35								

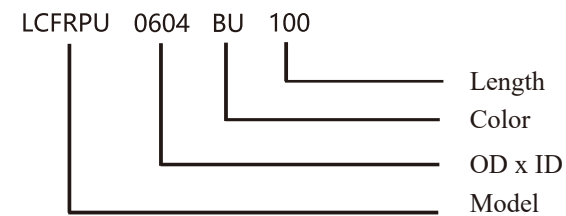
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyurethane (hardness: 50D~60D)
- Length: 100m/roll
- Packaging: in spool packaging, or in box



Model representation method



Suitable hose connectors

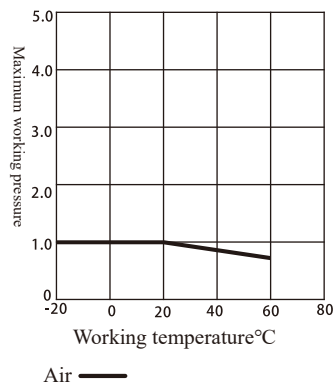
- one-touch fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20℃ ~ +70℃

Maximum working pressure chart



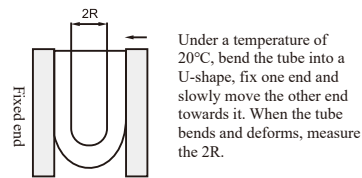
Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

★ Attention:

1. This product is mainly suitable for air passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20℃.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Flame retardant series:

Single-layer polyether PU flame retardant hose LCFRTU

Features and Applications

- Fluid: Air, water
- Features: Low bending radius, good softness, good chemical resistance, hydrolysis resistance, usage of fireproof material, UL94 V-0 level flame retardance
- Application: industrial equipment, robots, welding equipment, general wiring, cooling circuit, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCFRTU0604	6×4	Air 1.0	Air 0.8	Air 0.6	15	●	○	●	●	●	●	●	-
LCFRTU0805	8×5				20								
LCFRTU1065	10×6.5	Water 0.8	Water 0.6	Water 0.5	30								
LCFRTU1208	12×8				35								

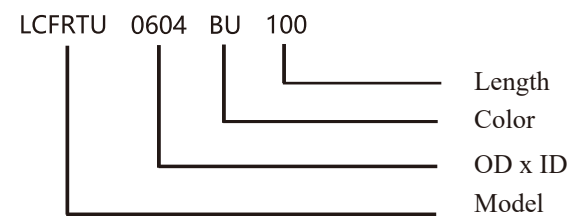
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane (hardness: 55D)
- Length: 100m/roll
- Packaging: in spool packaging, or in box



Model representation method



Suitable hose connectors

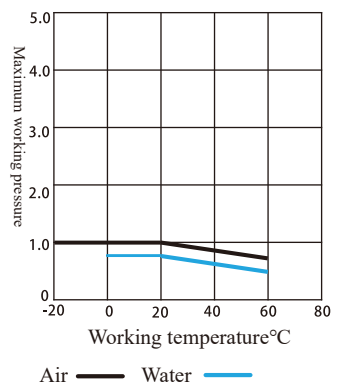
- one-touch fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40℃ ~ +70℃
Water	0℃ ~ +40℃

Maximum working pressure chart



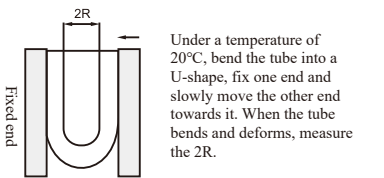
Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20℃.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Flame retardant series:

Anti-splash polyester PU double-layer flame retardant hose LCFRU

Features and Applications

- Fluid: Air
- Features: anti-knotting, good wear resistance, no sticky jacket to hinder cutting away the protection layer, protection layer made with self-extinguishing material to protect the inner pipe, UL94 V-0 level flame retardance
- Application: industrial equipment, robots, welding equipment, general wiring, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini-mum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCFRU0425	4×2.5	Air 1.0	Air 0.8	Air 0.6	10								
LCFRU0604	6×4				15								
LCFRU0805	8×5				20								
LCFRU1065	10×6.5				30								
LCFRU1208	12×8				35								
LCFRU1410	14×10				55	●	○	●	●	●	●	●	
LCFRU1612	16×12				65								
LCFRU 1/8"	3.18×2				10								
LCFRU 3/16"	4.76×3.18				15								
LCFRU 1/4"	6.35×4.23				23								
LCFRU 3/8"	9.53×6.35				27								
LCFRU 1/2"	12.7×8.46				35								

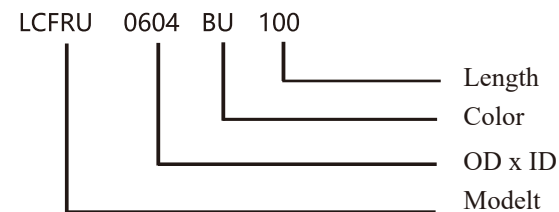
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyurethane (inner pipe), complex flame retardant material (outer pipe) (hardness: 95~98A)
- Length: 100m/roll
- Packaging: spool packaging, or in box



Model representation method



Suitable hose connectors

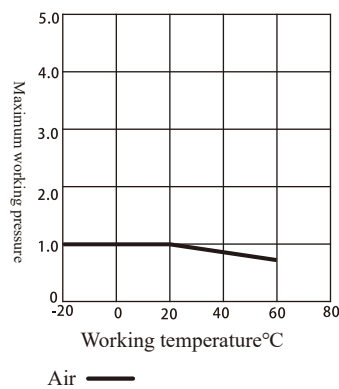
- one-touch fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20°C ~ +70°C

Maximum working pressure chart



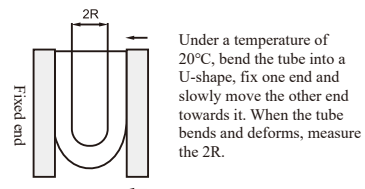
Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

★ Attention:

1. This product is mainly suitable for air passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Flame retardant series:

Anti-splash polyether PU double-layer flame retardant hose LCTRBU

Features and Applications

- Fluid: Air, water
- Features: anti-knotting, good wear resistance, no sticky jacket to hinder cutting away the protection layer, protection layer made with self-extinguishing material to protect the inner pipe, hydrolysis resistance, UL94 V-0 level flame retardance
- Application: industrial equipment, robots, welding equipment, general wiring, cooling circuit, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini-mum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTRBU0425	4×2.5	Air 1.0 Water 0.8	Air 0.8 Water 0.6	Air 0.6 Water 0.5	10								
LCTRBU0604	6×4				15								
LCTRBU0805	8×5				20								
LCTRBU1065	10×6.5				30								
LCTRBU1208	12×8				35								
LCTRBU1410	14×10				55	●	○	●	●	●	●	●	
LCTRBU1612	16×12				65								
LCTRBU 1/8"	3.18×2				10								
LCTRBU 3/16"	4.76×3.18				15								
LCTRBU 1/4"	6.35×4.23				23								
LCTRBU 3/8"	9.53×6.35				27								
LCTRBU 1/2"	12.7×8.46				35								

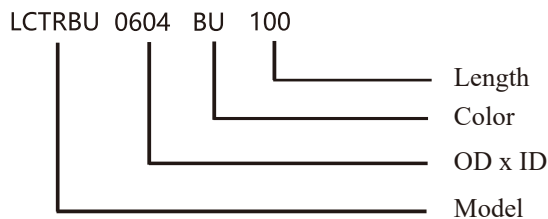
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyurethane (inner pipe), complex flame retardant material (outer pipe) (hardness: 95~98A)
- Length: 100m/roll
- Packaging: in spool packaging, or in box



Model representation method



Suitable hose connectors

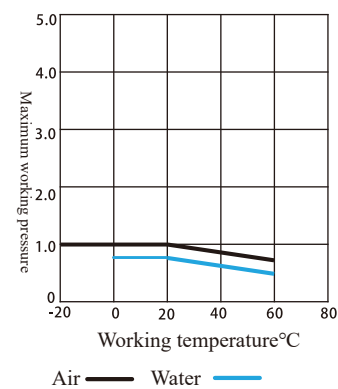
- one-touch fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +70°C
Water	0°C ~ +40°C

Maximum working pressure chart



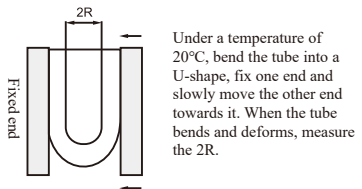
Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Flame retardant series:

FR double-layer flame retardant hose LCTRBUX

Features and Applications

- Fluid: Air, water
- Features: no need to remove the outer layer to connect to other attachments, time-efficient, better operability and flexibility than LCTRBU, light-weighted, compact structure, UL94 V-0 level flame retardance
- Application: industrial equipment, robots, welding equipment, general wiring, especially for air/water pipes with welding spatter problems

Series table

Model	OD x ID	Maximum working pressure			Minimum bending radius	Color								
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
						B	W	R	BU	Y	G	GR	C	
LCTRBUX0302	3×2	Air 1.0 Water 0.8	Air 0.8 Water 0.6	Air 0.6 Water 0.5	8	●	○	●	●	●	●	●	-	
LCTRBUX0425	4×2.5				10									
LCTRBUX0604	6×4				15									
LCTRBUX0805	8×5				20									
LCTRBUX1065	10×6.5				30									
LCTRBUX1075	10×7.5	Air 0.9	Air 0.7	Air 0.4	35									
LCTRBUX1285	12×8.5	Water 0.7	Water 0.5	Water 0.3	35									
LCTRBUX 1/8"	3.18×2	Air 1.0 Water 0.8	Air 0.8 Water 0.6	Air 0.6 Water 0.5	10									
LCTRBUX 3/16"	4.76×3.18				15									
LCTRBUX 1/4"	6.35×4.23				23									
LCTRBUX 3/8"	9.53×6.35				27									
LCTRBUX 1/2"	12.7×8.46				35									

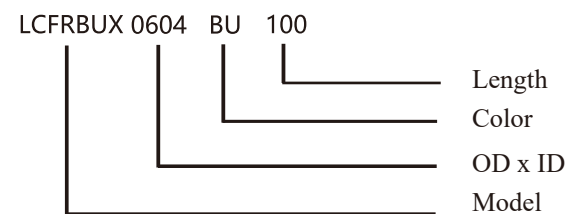
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane (hardness: 98A)
- Length: 100m/roll
- Packaging: in spool packaging, or in box



Model representation method



Suitable hose connectors

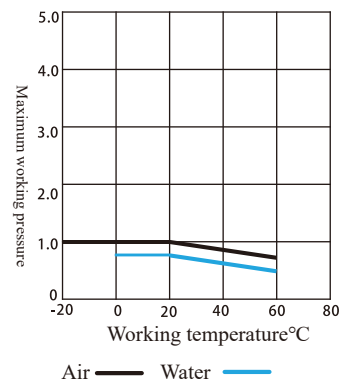
- FR one-touch pipe joints, metal one-touch pipe joints, push-on connector



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +70°C
Water	0°C ~ +40°C

Maximum working pressure chart

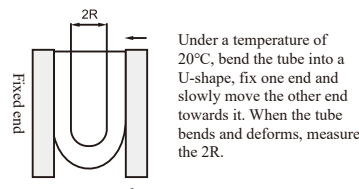


Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Flame retardant series:

Anti-splash PU triple-layer flame retardant hose LCTRRTU

Features and Applications

- Fluid: Air
- Features: aluminum fim added as a middle layer to improve service life, UL94 V-0 level flame retardance
- Application: industrial equipment, robots, welding equipment, general wiring, suitable to work in the air under the sparky condition caused by arc welding (electrical welding)

Series table

Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCTRТУ0425	4×2.5	Air 1.0	Air 0.8	Air 0.6	40	●	○	●	●	●	●	●	-
LCTRТУ0604	6×4				50								
LCTRТУ0805	8×5				60								
LCTRТУ1065	10×6.5				70								
LCTRТУ1208	12×8				80								

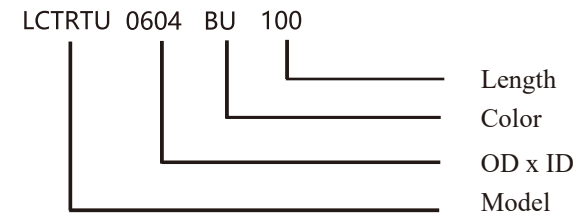
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyurethane (inner pipe), aluminum (middle layer), complex flame retardant material (outer pipe) (hardness: 95~98A)
- Length: 100m/roll
- Packaging: in spool packaging, or in box



Model representation method



Suitable hose connectors

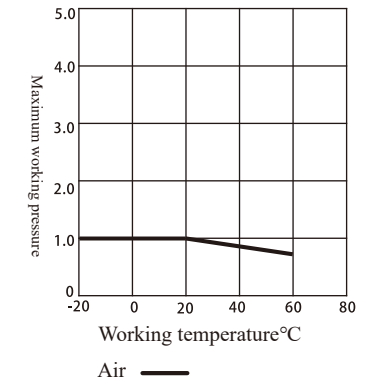
- FR one-touch fitting, metal one-touch fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-20°C ~ +70°C

Maximum working pressure chart

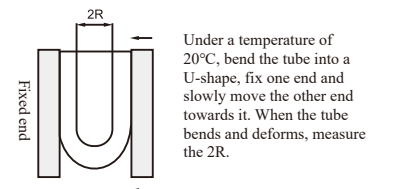


Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.
 4. The color of the inner tube defaults to black, and cannot be customized

How the minimum bending radius is measured










Flame retardant series:

Direct insertion FR single-layer hose LCFR

Features and Applications

- Fluid: Air, water
- Features: silicon-free, halogen-free, UL94 V-0 level flame retardance, self-extinguishing, resistance to oil components / mineral oil / oxygen / ozone / weak acids / diluted bases, UV light protection, wear resistance
- Application: industrial equipment, robot, welding equipment, etc.

Series table

Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCFR1007	10×7	1.1	0.95	0.8	45								-
LCFR1208	12×8	1.3	1.1	0.85	50								
LCFR1410	14×10	1.2	1.0	0.8	60								
LCFR1611	16×11	1.1	0.95	0.8	75								

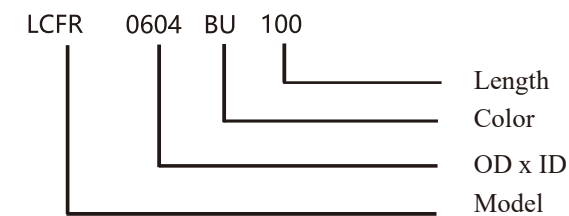
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Polyether polyurethane (hardness: 60D)
- Length: 100m/roll
- Packaging: in spool packaging, or in box



Model representation method



Suitable hose connectors

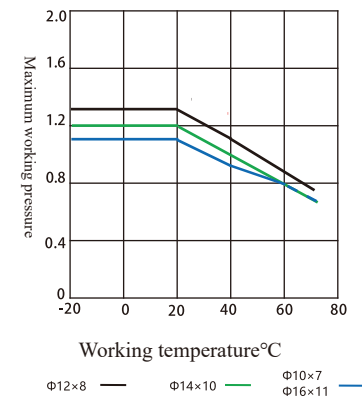
- FR one-touch fitting, metal one-touch fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +70°C
Water	0°C ~ +60°C

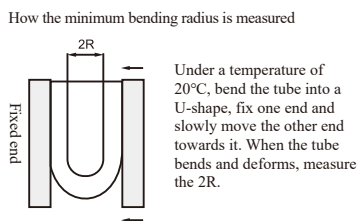
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-12mm	+0.10 / -0.10
14-16mm	+0.15 / -0.15

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



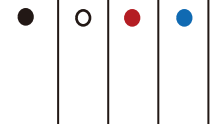






Flame retardant series:

Nylon single-layer flame retardant hose LCTRA

Features and Applications

- Fluid: Air, water, perfluoro (AFFF), heptafluoropropane (HFC-227ea, or FM-200)
- Features: great shock and wear resistances make the product more durable, especially in sparky situations due to welding. UL94 V-0 level fire retardance
- Application: industrial equipment, welding robot, cooling system, papermaking equipment

Series table

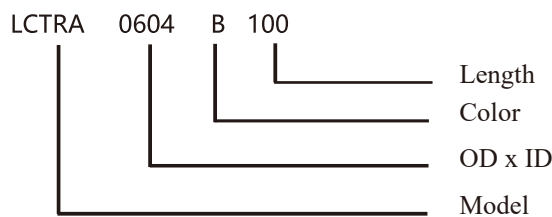
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20°C	40°C	60°C		B	W	R	BU	Y	G	GR	C
LCTRA0425	4×2.5	3.3	2.3	1.65	15								
LCTRA0604	6×4	3.0	2.1	1.5	25								
LCTRA0645	6×4.5	2.0	1.4	1.0	30								
LCTRA0806	8×6				40								
LCTRA1075	10×7.5				50								
LCTRA1209	12×9				60								
LCTRA1612	16×12				100								
LCTRA 1/8"	3.18×2.18	2.3	1.6	1.15	15								
LCTRA 3/16"	4.76×3.48				25								
LCTRA 1/4"	6.35×4.57				30								
LCTRA 3/8"	9.53×6.99				50								
LCTRA 1/2"	12.7×9.56				65								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: flame retardant nylon (hardness: 60D)
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

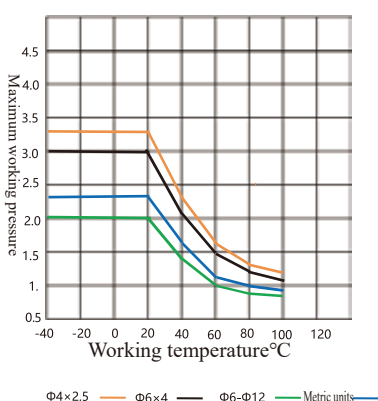
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +100°C
Water	0°C ~ +60°C
Other fluids	-40°C ~ +100°C

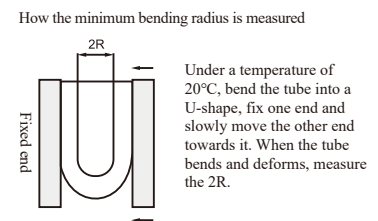
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Flame retardant series:

Nylon double-layer flame retardant hose LCTRB

Features and Applications

- Fluid: Air, water, perfluoro (AFFF), heptafluoropropane (HFC-227ea, or FM-200)
- Features: great shock and wear resistances make the product more durable, especially in sparky situations due to welding. UL94 V-0 level fire retardance
- Application: industrial equipment, welding robot, cooling system, papermaking equipment

Series table

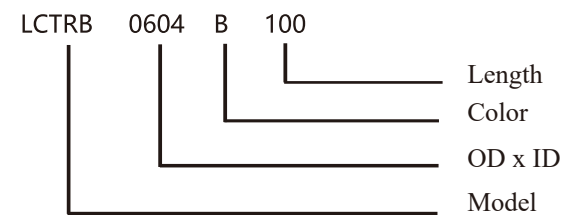
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTRB0425	4×2.5	2.0	1.4	1.0	15								
LCTRB0604	6×4	1.7	1.2	0.8	25								
LCTRB0806	8×6				40								
LCTRB1075	10×7.5	1.3	0.7	0.6	50	●	○	●	●	●	●	●	-
LCTRB1008	10×8				50								
LCTRB1209	12×9				60								
LCTRB1210	12×10				60								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: nylon (inner pipe), complex flame retardant material (outer pipe) (hardness: 64D)
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

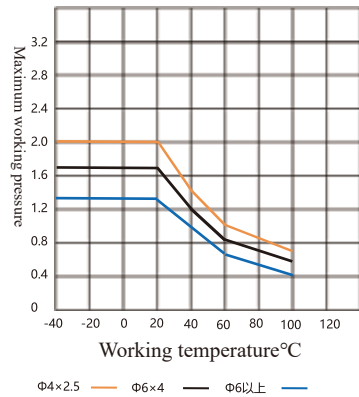
- FR one-touch fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +100°C
Water	0°C ~ +60°C
Other fluids	-40°C ~ +100°C

Maximum working pressure chart

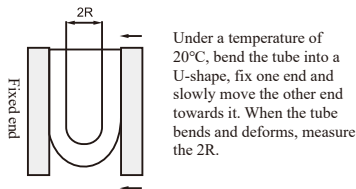


Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Nylon series

PA Nylon hose LCPA

Features and Applications

- Fluid: Air, water, oil, fat
- Features: good material strength and elasticity, good heat resistance, outstanding mechanical properties and wear resistance, oil resistance
- Application: automobile components, machine parts, etc. Used in production industry as fuel pipes, cooling pipes, conveying pipes, etc

Series table

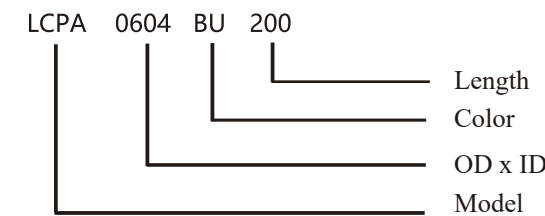
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCPA0402	4×2	3.5	2.6	2.0	20								
LCPA0425	4×2.5	3.2	2.3	1.65	20								
LCPA0604	6×4	2.0	1.4	1.0	30								
LCPA0806	8×6				40								
LCPA1065	10×6.5				50								
LCPA1075	10×7.5				50	●	○	●	●	●	●	●	
LCPA1209	12×9	2.3	1.6	1.2	60								
LCPA1210	12×10				55								
LCPA 1/8"	3.18×2.18				20								
LCPA 3/16"	4.76×3.18				30								
LCPA 1/4"	6.35×4.23	2.3	1.6	1.2	40								
LCPA 3/8"	9.53×6.35				50								
LCPA 1/2"	12.7×8.46				65								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: PA6 (hardness: 68D)
- Length: 200m/roll (OD 6mm or below), 100m/roll (OD more than 6mm)
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

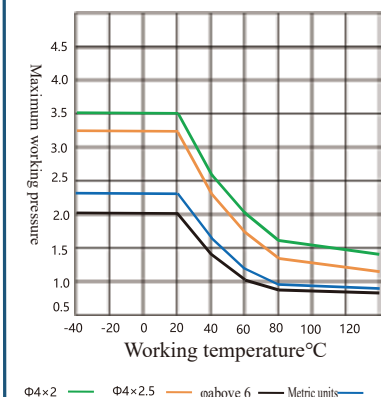
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +125°C
Water	0°C ~ +70°C
Other fluids	-40°C ~ +125°C

Maximum working pressure chart

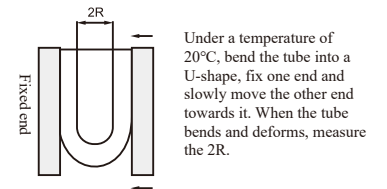


Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Nylon series

PA66 Nylon hose LCPB

Features and Applications

- Fluid: Air, water, oil, fat, solvents
- Features: better material strength and elasticity than LCPA, better heat resistance than LCPA, outstanding mechanical properties and wear resistance, oil and solvent resistance
- Application: Applied in the fields with higher requirements, such as automobile, electronics, electricity, and mechanics. Typically used as mechanical parts, fuel pipes, cooling pipes, conveying pipes, etc

Series table

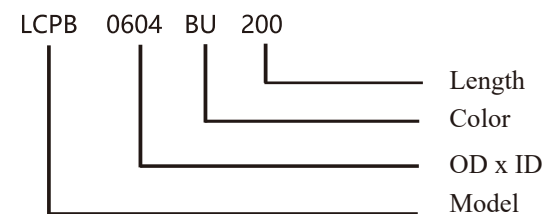
Model	OD x ID	Maximum working pressure			Mini-min bending radius	Color								
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
LCPB0402	4×2	3.5	2.6	2.0	20									
LCPB0425	4×2.5	3.2	2.3	1.65	20									
LCPB0604	6×4	2.0	1.4	1.0	30									
LCPB0806	8×6				40									
LCPB1065	10×6.5				50									
LCPB1075	10×7.5				50									
LCPB1209	12×9	2.3	1.6	1.2	60	●	○	●	●	●	●	●	○	
LCPB1210	12×10				55									
LCPB 1/8"	3.18×2.18				20									
LCPB 3/16"	4.76×3.18				30									
LCPB 1/4"	6.35×4.23	2.3	1.6	1.2	40									
LCPB 3/8"	9.53×6.35				50									
LCPB 1/2"	12.7×8.46				65									

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: PA66 (hardness: 68D)
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

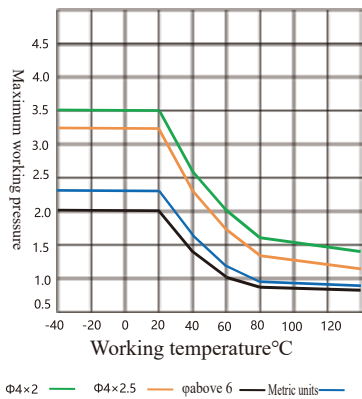
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +135°C
Water	0°C ~ +70°C
Other fluids	-40°C ~ +135°C

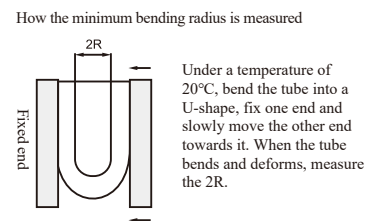
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Nylon series

PA11 Nylon hose LCPC

Features and Applications

- Fluid: Air, water, oil, general-purpose corrosive media
- Features: good oil/aging/climate resistances, resistance against common corrosive fluids, usage of environmental-friendly material
- Application: applied in the fields of automobile, aerospace, fossil fuel, medical equipment, lubrication system and such, especially on applications requiring bio-based material.

Series table

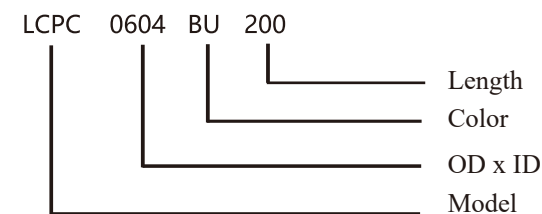
Model	OD x ID	Maximum working pressure			Mini-min bending radius	Color								
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
LCPC0425	4×2.5	2.0	1.4	1.0	15									
LCPC0604	6×4	1.7	1.2	0.85	20									
LCPC0806	8×6	1.3	0.9	0.65	30									
LCPC1075	10×7.5				40									
LCPC1008	10×8				45									
LCPC1209	12×9				60	●	○	●	●	●	●	●	○	
LCPC1210	12×10	1.3	0.9	0.65	55									
LCPC1612	16×12				90									
LCPC 1/8"	3.18×2.18				20									
LCPC 3/16"	4.76×3.18				30									
LCPC 1/4"	6.35×4.23	1.3	0.9	0.65	40									
LCPC 3/8"	9.53×6.35				60									
LCPC 1/2"	12.7×8.46				70									

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: PA11 (hardness: 60D)
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

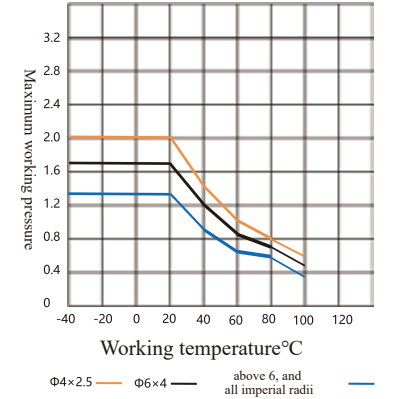
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +100°C
Water	0°C ~ +70°C
Other fluids	-40°C ~ +100°C

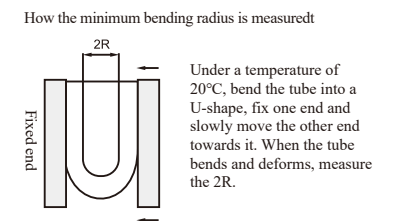
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.











Nylon series

PA12 Nylon hose LCT

Features and Applications

- Fluid: Air, water, oil, general-purpose acids and bases
- Features: good softness, easy to use, resistance against common acids and bases, corrosion resistance, mechanical properties maintained in -40°C environments, RoHS compliance
- Application: Widely used in fields such as automobile, electronics, and packaging, especially when chemical resistance and wear resistance are called for

Series table

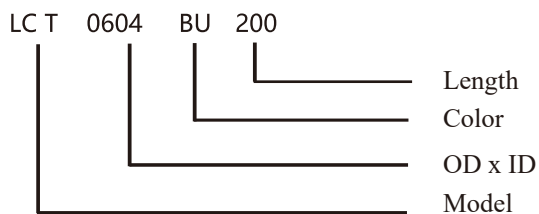
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20°C	40°C	60°C		B	W	R	BU	Y	G	GR	C
LCT0425	4×2.5	3.3	2.3	1.65	15								
LCT0604	6×4	3.0	2.1	1.5	25								
LCT0645	6×4.5	2.0	1.4	1.0	30								
LCT0806	8×6				40								
LCT1075	10×7.5				50								
LCT1209	12×9				60								
LCT1612	16×12				100								
LCT 1/8"	3.18×2.18	2.3	1.6	1.15	15								
LCT 3/16"	4.76×3.48				25								
LCT 1/4"	6.35×4.23				30								
LCT 3/8"	9.53×6.35				50								
LCT 1/2"	12.7×9.56				65								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: PA12 (62D)
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

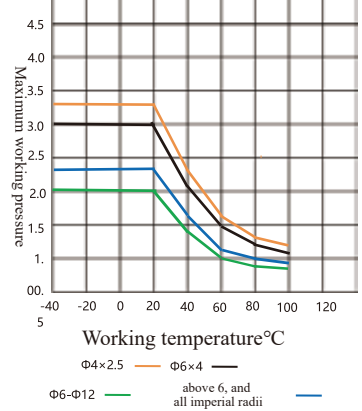
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +100°C
Water	0°C ~ +70°C
Other fluids	-40°C ~ +100°C

Maximum working pressure chart



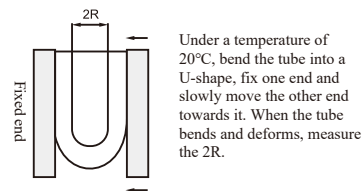
Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured











Nylon series

Soft nylon hose LCTS

Features and Applications

- Fluid: Air, water, oil, general-purpose acids and bases
- Features: good softness, easy to use, resistance against common acids and bases, corrosion resistance, mechanical properties maintained in -40°C environments, RoHS compliance
- Application: Widely used in fields such as automobile and packaging, especially when the workspace is narrow

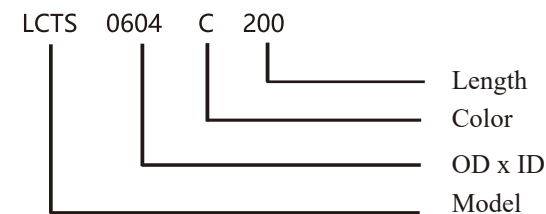
Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20°C	40°C	60°C		B	W	R	BU	Y	G	GR	C
LCTS0425	4×2.5	2.0	1.4	1.0	13								
LCTS0604	6×4	1.7	1.2	0.85	18								
LCTS0806	8×6	1.3	0.9	0.65	28								
LCTS1075	10×7.5				38								
LCTS1209	12×9				48								
LCTS1612	16×12				80								
LCTS 1/8"	3.18×2.18	1.3	0.9	0.65	18								
LCTS 3/16"	4.76×3.18				27								
LCTS 1/4"	6.35×4.23				30								
LCTS 3/8"	9.53×6.35				50								
LCTS 1/2"	12.7×8.46				60								

Material, length, packaging

- Material: PA12 (hardness: 58D)
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

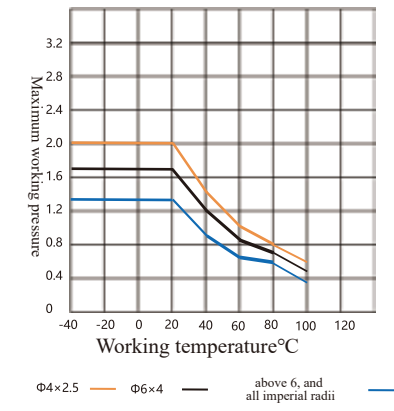
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +100°C
Water	0°C ~ +70°C
Other fluids	-40°C ~ +100°C

Maximum working pressure chart



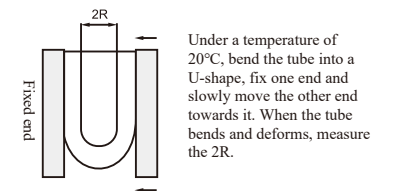
Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Nylon series

Static-proof nylon hose LCTAS

Features and Applications

- Fluid: Air
- Features: static electricity prevention struction, surface resistance 104~107Ω
- Application: Widely used as piping when assembling pneumatic systems

Series table

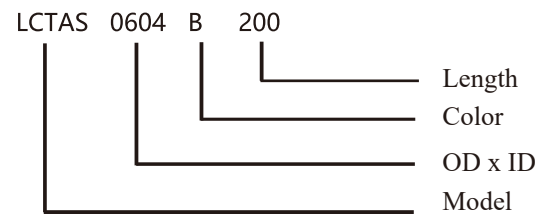
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCTAS0425	4×2.5	1.2	1.0	0.8	15	●	-	-	-	-	-	-	-
LCTAS0604	6×4				25								
LCTAS0645	6×4.5				30								
LCTAS0806	8×6				40								
LCTAS1075	10×7.5				50								
LCTAS1209	12×9				60								
LCTAS1612	16×12				100								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: static-proof nylon (hardness: 60D)
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

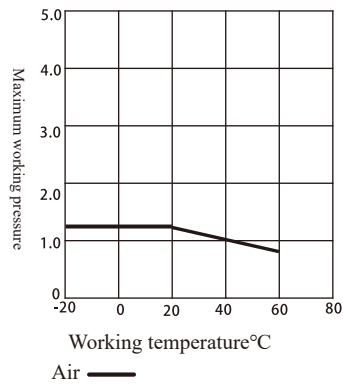
- static-proof one-touch fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-30℃ ~ +100℃

Maximum working pressure chart

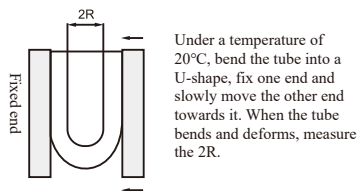


Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:t
1. The minimum bending radius is measured at a temperature of 20℃.
 2. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.
 3. When used in a clean environment, take caution, for plasticizer might exude from the surface of the piping, which may lower the clean room's cleanliness level.

How the minimum bending radius is measured



Nylon series

Fire detection hose LCTPA

Features and Applications

- Fluid: Perfluoro (AFFF), heptafluoropropane (HFC-227ea, or FM-200), air, water
- Features: resistance to high temperature and high pressuret

- Application: Used in flame and high temperature detection devices, widely used in the areas of industry, firefighting, and safety

Series table

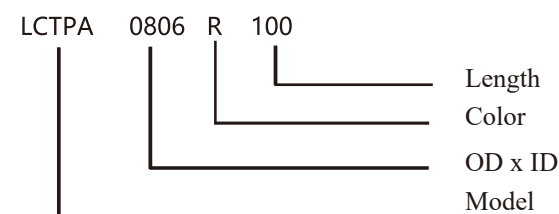
Model	OD x ID	Rupture temperature	Minimum bending radius	Color								
				Black	White	Red	Blue	Yellow	Green	Grey	Clear	
				B	W	R	BU	Y	G	GR	C	
LCTPA0604	6×4	90℃±10℃, 120℃±10℃	35									
LCTPA0806	8×6	150℃±10℃, 170℃±10℃	60	-	-	<div></div>	-	-	-	-	-	-

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: special nylon
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
- Packaging: by roll in plastic film protector

Model representation method



Working fluid temperature ranges

Product ruptures at the set rupture temperature

Maximum working pressure chart

- LCTPA0604:
Static pressure action temperature 170℃±10℃
Water rupture pressure ≥ 9MPa
Melting point 200℃±10℃

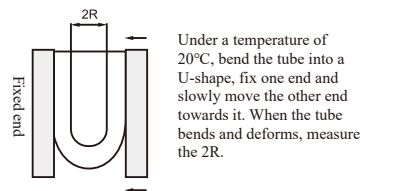
- LCTPA0806
Static pressure action temperature 170℃±10℃
Water rupture pressure ≥ 9MPa
Melting point 200℃±10℃

Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for perfluoro and HFC-227ea passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Nylon series

Food-grade nylon hose (economical type) LCPAE

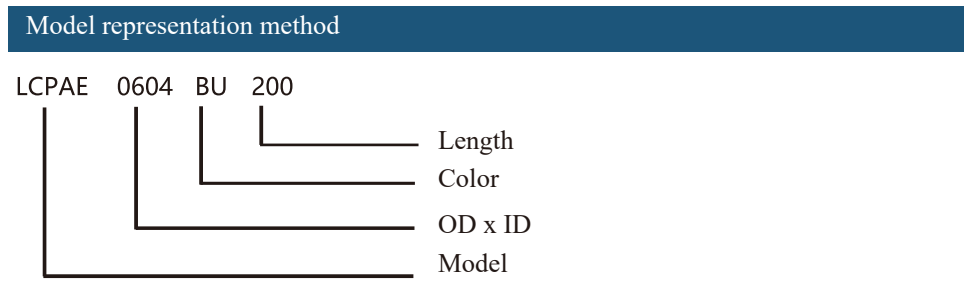
- Features and Applications
- Fluid: Air, water, oil, general-purpose acids and bases
 - Features: good material strength and elasticity, good heat resistance, outstanding mechanical properties and wear resistance, oil and solvent resistance
 - Application: Often used as automobile components, machine components, (in production industry) fuel pipes, cooling pipes, conveying pipes, etc. In compliance with food-grade level environmental friendliness

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color								
						Black	White	Red	Blue	Yellow	Green	Grey	Clear	
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C	
LCPAE0402	4×2	3.5	2.6	2.0	20	●	○	●	●	●	●	●	○	
LCPAE0425	4×2.5	3.2	2.3	1.65	20									
LCPAE0604	6×4	2.0	1.4	1.0	30									
LCPAE0806	8×6				40									
LCPAE1065	10×6.5				50									
LCPAE1075	10×7.5				50									
LCPAE1209	12×9				60									
LCPAE1210	12×10				55									
LDPAE 1/8"	3.18×2.18	2.3	1.6	1.2	20									
LDPAE 3/16"	4.76×3.18				30									
LDPAE 1/4"	6.35×4.23				40									
LDPAE 3/8"	9.53×6.35				50									
LDPAE 1/2"	12.7×8.46				65									

Note: Other sizes, colors can be customized, please contact us.

- Material, length, packaging
- Material: PA12 (hardness: 64D)
 - Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
 - Packaging: by roll in plastic film protector, or in customized box

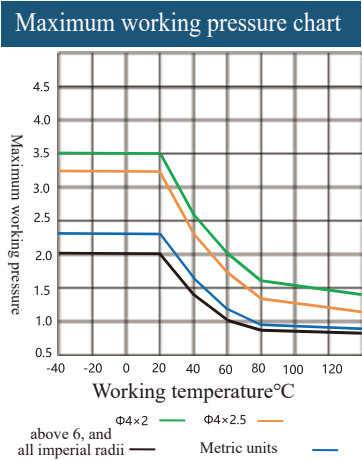


- Suitable hose connectors
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

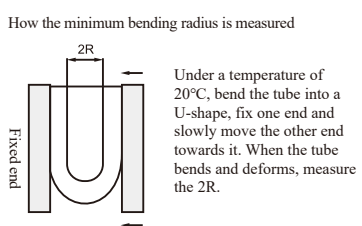
Fluids	Working temperature
Air	-40℃ ~ +100℃
Water	0℃ ~ +70℃
Other fluids	-40℃ ~ +100℃



Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.











Nylon series

Food-grade nylon hose (precision type) LCPAP

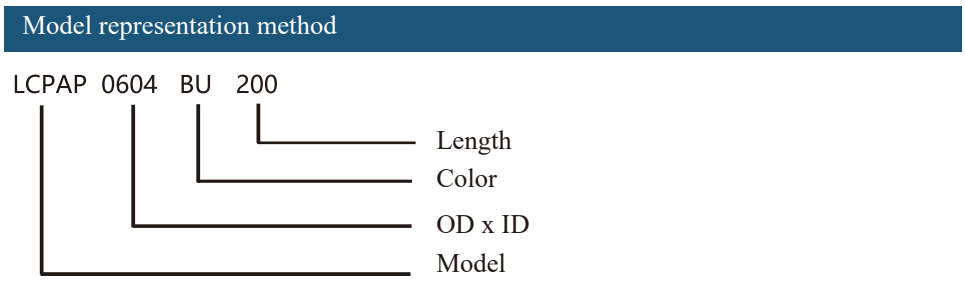
- Features and Applications
- Fluid: Air, water, oil, general-purpose corrosive media
 - Features: good oil/aging/climate resistances, resistance against common corrosive fluids, usage of environmental-friendly material
 - Application: Often used in the fields of food production machinery, aerospace, fossil fuel, medical equipments and such, especially on applications requiring bio-based material.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
		B	W	R		BU	Y	G	GR	C			
LCPAP0425	4×2.5	2.0	1.4	1.0	15								
LCPAP0604	6×4	1.7	1.2	0.85	20								
LCPAP0806	8×6	1.3	0.9	0.65	30								
LCPAP1075	10×7.5				40								
LCPAP1008	10×8				45								
LCPAP1209	12×9				60								
LCPAP1210	12×10				55								
LCPAP1612	16×12				90								
LCPAP 1/8"	3.18×2.18				20								
LCPAP 3/16"	4.76×3.18				30								
LCPAP 1/4"	6.35×4.23	1.3	0.9	0.65	40								
LCPAP 3/8"	9.53×6.35				60								
LCPAP 1/2"	12.7×8.46				70								

Note: Other sizes, colors can be customized, please contact us.

- Material, length, packaging
- Material: PA11 (hardness: 60D)
 - Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
 - Packaging: by roll in plastic film protector, or in customized box

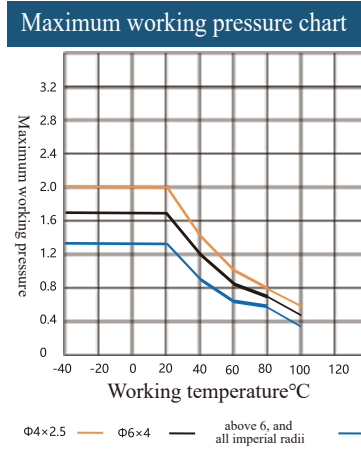


- Suitable hose connectors
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

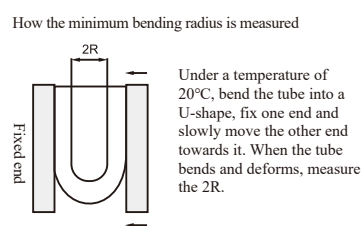
Fluids	Working temperature
Air	-40℃ ~ +100℃
Water	0℃ ~ +70℃
Other fluids	-40℃ ~ +100℃



Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Nylon series

Bio-based nylon hose LCTX

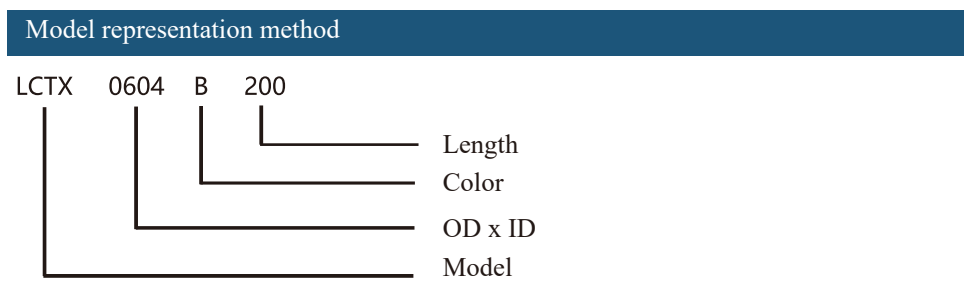
- Features and Applications
- Fluid: Air
 - Features: environment-friendly, made with bio-based nylon, good material strength and elasticity, good heat resistance, outstanding mechanical properties and chemical resistance
 - Application: Often used on medical equipment, mechanical parts, cooling pipe, conveying pipes, etc.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCTX0425	4×2.5	3.3	2.3	1.65	13	●	○	-	-	-	-	-	-
LCTX0604	6×4	3.0	2.1	1.5	24								
LCTX0806	8×6	2.0	1.4	1.0	40								
LCTX1075	10×7.5				50								
LCTX1209	12×9				60								

Note: Other sizes, colors can be customized, please contact us.

- Material, length, packaging
- Material: Polyamide, 70% bio-based content
 - Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
 - Packaging: by roll in plastic film protector, or in customized box

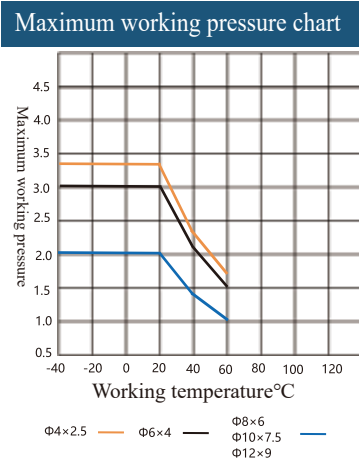


- Suitable hose connectors
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

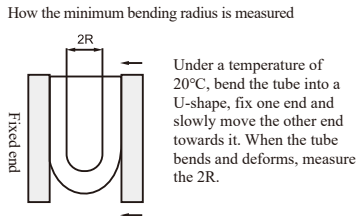
Fluids	Working temperature
Air	-20℃ ~ +60 ℃



Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Nylon series

Bio-based soft nylon hose LCTSX

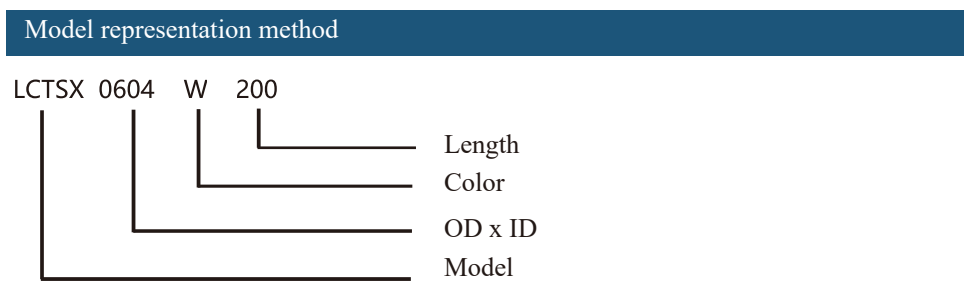
- Features and Applications
- Fluid: Air
 - Features: environment-friendly, made with bio-based nylon, good material strength and elasticity, good heat resistance, outstanding mechanical properties and chemical resistance
 - Application: Often used in the fields of food production machinery, aerospace, fossil fuel, and medical equipment, especially on applications requiring bio-based material.

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCTSX0425	4×2.5	2.0	1.4	1.0	15	-	○	-	-	-	-	-	-
LCTSX0604	6×4	1.7	1.2	0.85	23								
LCTSX0806	8×6	1.3	0.9	0.65	45								
LCTSX1075	10×7.5				55								
LCTSX1209	12×9				65								

Note: Other sizes, colors can be customized, please contact us.

- Material, length, packaging
- Material: Polyamide, 50% bio-based content
 - Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 6mm)
 - Packaging: by roll in plastic film protector, or in customized box

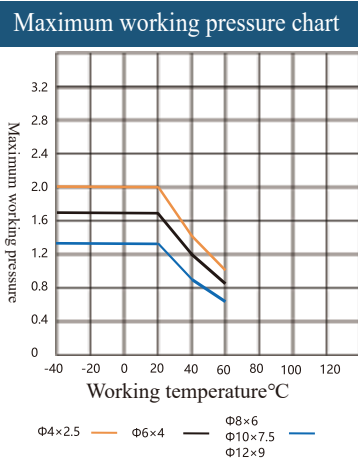


- Suitable hose connectors
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

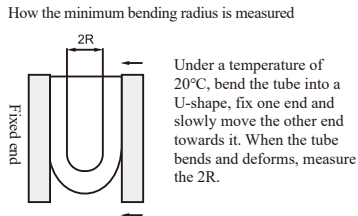
Fluids	Working temperature
Air	-20℃ ~ +60 ℃



Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.











Nylon series

Nylon single core hose LCPS

Features and Applications

- Fluid: Air, water, chemical solvents
- Features: protective PVC outer layer shields the inner pipe against damage, wear resistance, anti-welding sparks, protection against damage from corrosive environment, same technical aspects as nylon pipes
- Application: applied in the fields of pneumatic equipment, automation equipment, industrial processing, automobile production, etc.

Series table

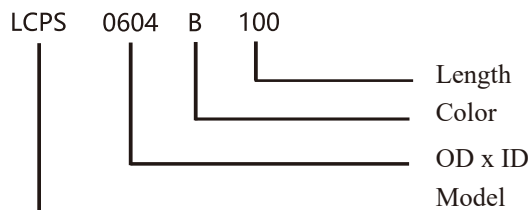
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCPS0425	4×2.5	2.0	1.4	1.0	15								
LCPS0604	6×4	1.7	1.2	0.85	20								
LCPS0806	8×6	1.3	0.9	0.65	30								
LCPS1075	10×7.5				40								
LCPS1008	10×8				45								
LCPS1209	12×9				60								
LCPS1210	12×10				55								
LCPS1612	16×12	1.3	0.9	0.65	90								
LCPS 1/8"	3.18×2.18				20								
LCPS 3/16"	4.76×3.18				30								
LCPS 1/4"	6.35×4.23				40								
LCPS 3/8"	9.53×6.35				60								
LCPS 1/2"	12.7×9.5				70								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Nylon (inner layer), PVC (outer layer) (hardness: 64D)
- Length: 100m/roll
- Packaging: by roll in plastic film protector

Model representation method



Suitable hose connectors

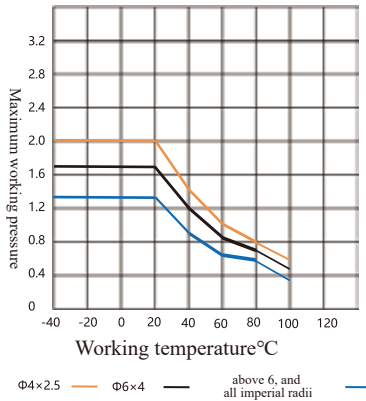
- one-touch fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +120°C
Water	0°C ~ +70°C
Other fluids	-40°C ~ +100°C

Maximum working pressure chart



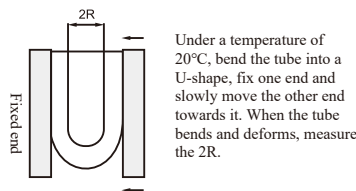
Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured











Nylon series

Nylon double core hose LCPT

Features and Applications

- Fluid: Air, water, chemical solvents
- Features: protective PVC outer layer shields the inner pipe against damage, wear resistance, anti-welding sparks, protection against damage from corrosive environment, same technical aspects as nylon pipes
- Application: applied in the fields of pneumatic equipment, automation equipment, industrial processing, automobile production, etc.

Series table

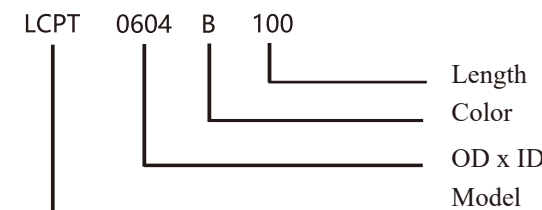
Model	OD x ID	Maximum working pressure			Mini- m bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCPT0425	4×2.5	2.0	1.4	1.0	15								
LCPT0604	6×4	1.7	1.2	0.85	20								
LCPT0806	8×6	1.3	0.9	0.65	30								
LCPT1075	10×7.5				40								
LCPT1008	10×8				45								
LCPT1209	12×9				60								
LCPT1210	12×10				55								
LCPT 1/8"	3.18×2.18	1.3	0.9	0.65	20								
LCPT 3/16"	4.76×3.18				30								
LCPT 1/4"	6.35×4.23				40								
LCPT 3/8"	9.53×6.35				60								
LCPT 1/2"	12.7×9.5				70								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Nylon (inner layer), PVC (outer layer) (hardness: 64D)
- Length: 100m/roll
- Packaging: by roll in plastic film protector

Model representation method



Suitable hose connectors

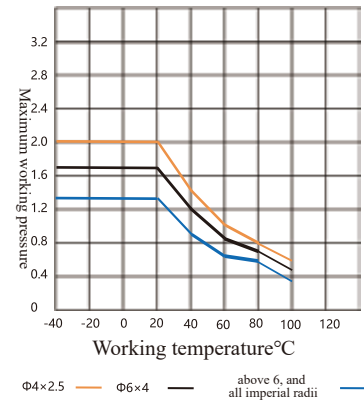
- one-touch fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +120°C
Water	0°C ~ +70°C
Other fluids	-40°C ~ +100°C

Maximum working pressure chart



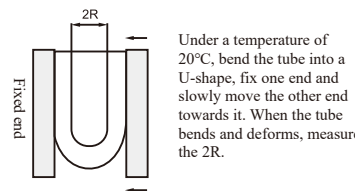
Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



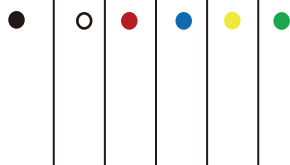
Nylon series

Nylon multi-core hose LCPM

Features and Applications

- Fluid: Air, water, chemical solvents
- Features: protective PVC outer layer shields the inner pipe against damage, wear resistance, anti-welding sparks, protection against damage from corrosive environment, same technical aspects as nylon pipes. Inner pipes are labeled by numbers, the total number varies from 3 to 12.
- Application: penumatic equipment, automation equipment, industrial processing, automobile production, etc.

Series table

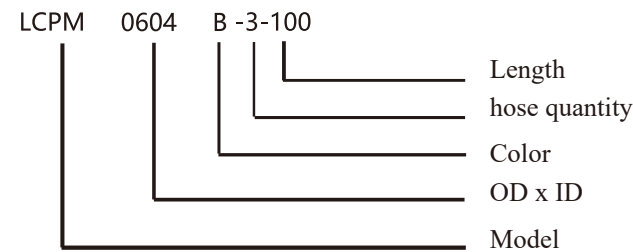
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color								
						Black	White	Red	Blue	Yellow	Green	Grey	Clear	
		20°C	40°C	60°C		B	W	R	BU	Y	G	GR	C	
LCPM0425	4×2.5	2.0	1.4	1.0	15									
LCPM0604	6×4	1.7	1.2	0.85	20									
LCPM0806	8×6	1.3	0.9	0.65	30									
LCPM1075	10×7.5				40									
LCPM1008	10×8				45									
LCPM1209	12×9				60									
LCPM1210	12×10				55									
LCPM 1/8"	3.18×2.18	1.3	0.9	0.65	20									
LCPM 3/16"	4.76×3.18				30									
LCPM 1/4"	6.35×4.23				40									
LCPM 3/8"	9.53×6.35				60									
LCPM 1/2"	12.7×9.5				70									

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Nylon (inner layer), PVC (outer layer) (hardness: 64D)
- Length: 100m/roll
- Packaging: by roll in plastic film protector

Model representation method



Suitable hose connectors

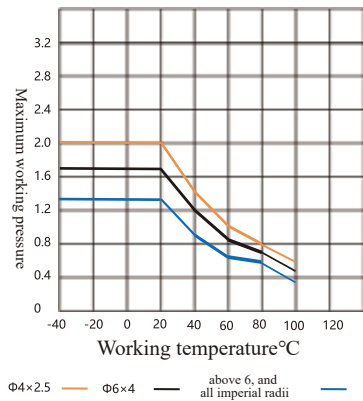
- one-touch fitting (multi-connector)



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +120°C
Water	0°C ~ +70°C
Other fluids	-40°C ~ +100°C

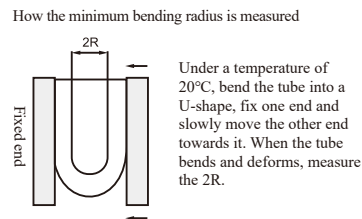
Maximum working pressure chart



Tolerance level

Fluids	Working temperature
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.











Nylon series

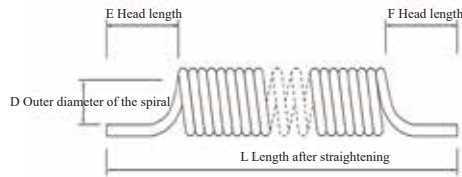
Nylon spiral hose LCPCA

Features and Applications

- Fluid: Air, water, oil, general-purpose acids and bases
- Features: maintains all features of nylon pipes, spiral design makes the pipe light and bendable, good structure support, less dependency on an outside frame
- Application: factory floor, machine tools, pneumatic equipment, robot, industrial machinery, car brake system, etc.

Series table

Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20°C	40°C	60°C		B	W	R	BU	Y	G	GR	C
LCPCA0425	4×2.5	2.0	1.4	1.0	15								
LCPCA0604	6×4	1.7	1.2	0.85	20								
LCPCA0806	8×6	1.3	0.9	0.65	30								
LCPCA1075	10×7.5				40								
LCPCA1209	12×9				60								
LCPCA 1/4"	6.35×4.23	1.3	0.9	0.65	40								
LCPCA 3/8"	9.53×6.35				60								
LCPCA 1/2"	12.7×8.46				70								

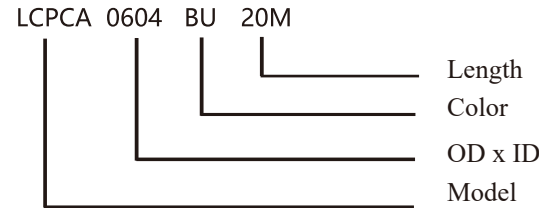


Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: Nylon material (hardness: 64D, 60D)
- Length: Length, head can be customized, the maximum straight hose length of 20M.
- Packaging: in sealed plastic package

Model representation method



Suitable hose connectors

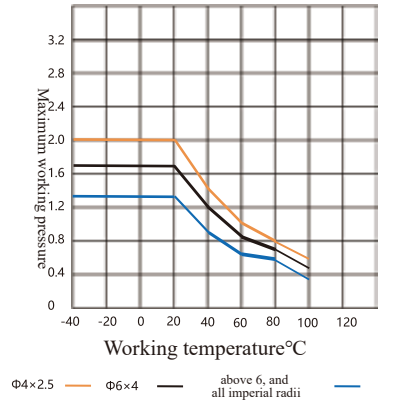
- one-touch fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +120°C
Water	0°C ~ +70°C
Other fluids	-40°C ~ +100°C

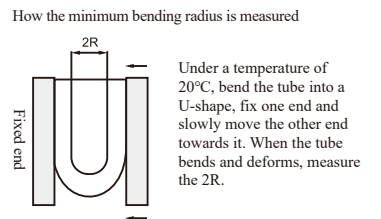
Maximum working pressure chart



Tolerance level

Fluids	Working temperature
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Nylon series

Low urea permeability hose LCTPE

Features and Applications

- Fluid: urea solutions for vehicles (diesel exhaust fluid, or DEF, AUS 32, AdBlue)
- Features: Great corrosion resistance, low urea permeability, stable heating power, in compliance with SAE J844 standard
- Application: Used in diesel engine's SCR (selective catalytic reduction) systems to reduce NOx (nitrogen oxide) emissions.

Series table

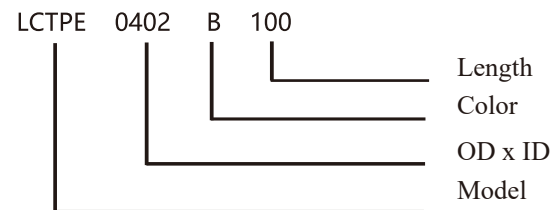
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTPE0402	4×2	2.0	1.4	1.0	13	●	○	●	●	●	●	●	○
LCTPE0425	4×2.5				15								
LCTPE0604	6×4	1.7	1.2	0.85	25								
LCTPE0806	8×6	1.3	0.7	0.6	40								
LCTPE1008	10×8				50								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: ETFE+PA12 (hardness: 60D)
- Length: 100m/roll
- Packaging: by roll in plastic film protector

Model representation method



Suitable hose connectors

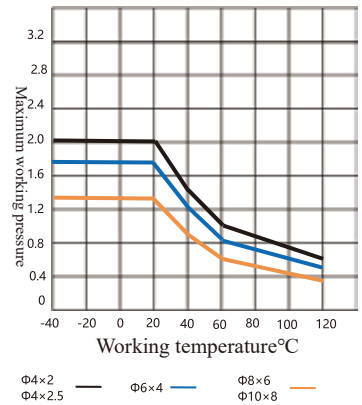
- one-touch fitting



Working fluid temperature ranges

Fluids	Working temperature
Urea solution	-60°C ~ +125°C

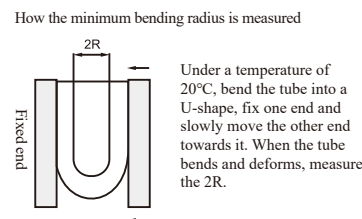
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
4-6mm	+0.08 / -0.08
8-16mm	+0.10 / -0.10

- ★ Attention:
1. This product is mainly suitable for urea solution passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Multi-layer hose series

Double-layer solvent hose LCMLE

Features and Applications

- Fluid: water, air, paint, solvent
- Features: good insulation properties prevents electrical leakage under high voltage, good corrosion resistance
- Application: used on paint transport, widely used in spray guns of manual and automatic variants, pressure tanks, robots and such to transport paint

Series table

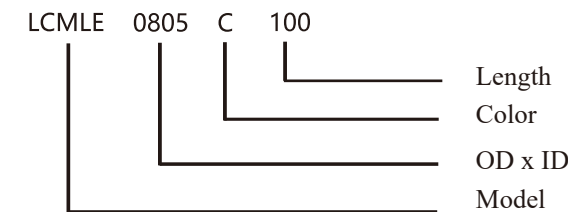
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCMLE0425	4×2.5	1.0	0.8	0.6	15	●	○	●	●	●	●	●	○
LCMLE0604	6×4				20								
LCMLE0805	8×5				30								
LCMLE0906	9×6				35								
LCMLE1065	10×6.5				40								
LCMLE1108	11×8	1.0	0.8	0.6	45	●	○	●	●	●	●	●	○
LCMLE1208	12×8				50								
LCMLE1611	16×11				75								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: PA11 (inner layer), polyurethane (outer layer) (hardness: 90A+60D)
- Length: 200m/roll (OD less than 6mm), 100m/roll (OD more than 8mm)
- Packaging: by roll in plastic film protector, or in box

Model representation method



Suitable hose connectors

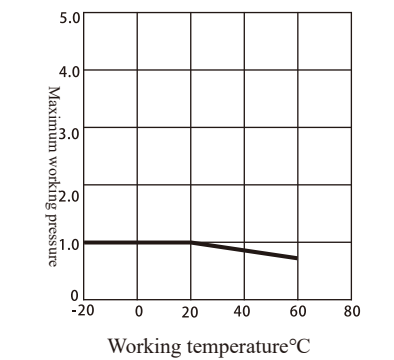
- Insert fitting



Working fluid temperature ranges

Fluids	Working temperature
fluids	-20°C ~ +70°C

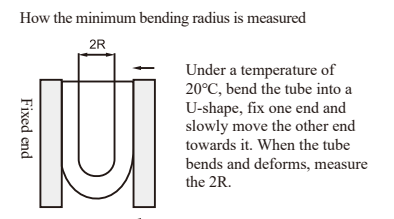
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
3-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20°C.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Multi-layer hose series

Soft fluororesin double-layer hose LCTQ

Features and Applications

- Fluid: Air, water, noble gases, solvents, paint
- Features: high temperature resistance, corrosion resistance, chemical solvent resistance
- Application: spray painting industry

Series table

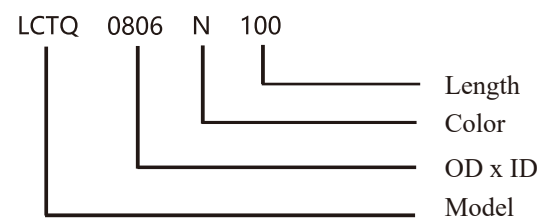
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color			
		20℃	60℃	100℃		Black	Red	Blue	Clear
						B	R	BU	N
LCTQ0425	4×2.5	2.0	1.1	0.7	4	●	●	●	○
LCTQ0604	6×4	1.9	1.0	0.6	9				
LCTQ0806	8×6	1.5	0.7	0.4	26				
LCTQ1008	10×8	1.1	0.5	0.3	42				
LCTQ1209	12×9	1.2	0.7	0.3	37				

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: special fluororesin (inner layer), special nylon resin (outer layer)
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in box

Model representation method



Suitable hose connectors

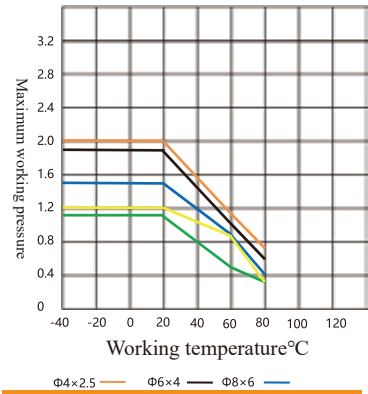
- fluororesin fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gas	-20℃ ~ +100℃
Water	0℃ ~ +70℃

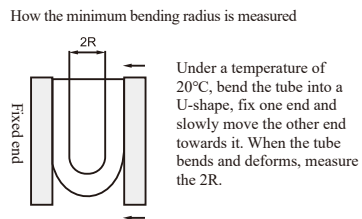
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
3-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Multi-layer hose series

Fluororesin+polyurethane double-layer hose LCTUL

Features and Applications

- Fluid: Air, water, noble gases, oil
- Features: High temperature resistance, corrosion resistance, chemical resistance, good elasticity
- Application: Printing, metalworking, food production, medical industry, semiconduc-tors, etc.

Series table

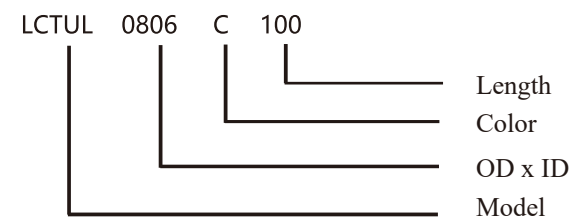
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color			
		20℃	40℃	60℃		Black	Red	Blue	Clear
						B	R	BU	N
LCTUL0425	4×2.5	0.8	0.65	0.5	18	●	●	●	○
LCTUL0604	6×4	0.8	0.7	0.5	25				
LCTUL0806	8×6	0.6	0.45	0.35	50				
LCTUL1008	10×8	0.6	0.45	0.35	60				
LCTUL1209	12×9	0.6	0.45	0.35	65				

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

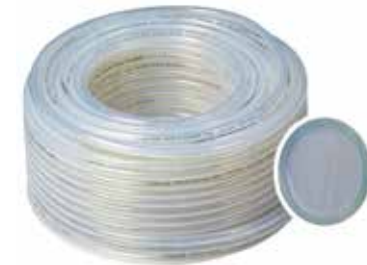
- Material: Fluororesin (inner layer), polyurethane (outer layer)
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

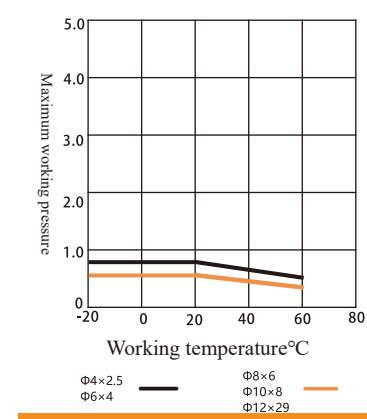
- insert fitting



Working fluid temperature ranges

Fluids	Working temperature
Air, noble gases	-20℃ ~ +80℃
Water	0℃ ~ +70℃

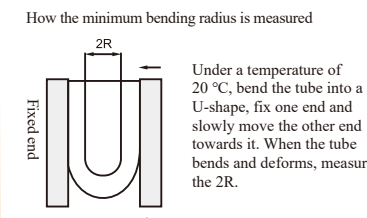
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
3-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for air and water passage. If other fluids are used, please contact our company.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Multi-layer hose series

Triple-layer flexible solvent hose LCMLS

Features and Applications

- Fluid: water, air, paint, general-purpose acidic and basic media
- Features: more agile and lightweight than nylon pipes or other pipes of the same dimensions, corrosion resistance, multi-layered structure enhances dielectric strength, inner layer's material usage adds flexibility
- Application: widely used in spray painting industry

Series table

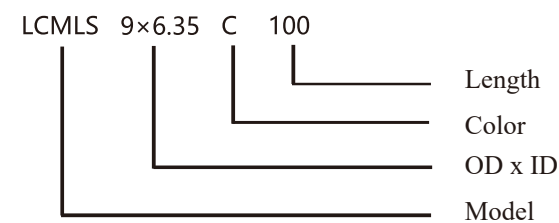
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
		1.4	1.3	1.2		B	W	R	BU	Y	G	GR	C
LCMLS 9×6.35	9×6.35				35								
LCMLS 10.5×8	10.5×8				45	●	○	●	●	●	●	●	○
LCMLS 12.7×9.5	12.7×9.5				60								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: special nylon (inner layer), special polyurethane (middle layer), special nylon (outer layer)
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in box

Model representation method



Suitable hose connectors

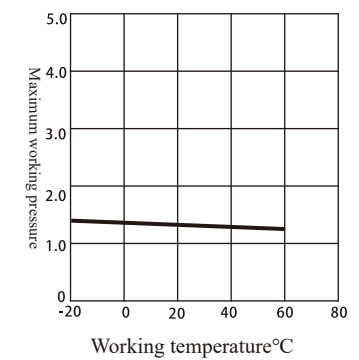
- insert fitting



Working fluid temperature ranges

Fluids	Working temperature
Fluids	-20℃ ~ +70℃

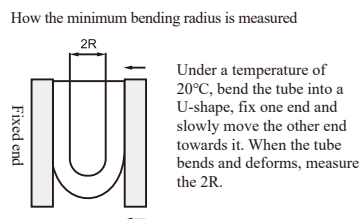
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
3-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for paint passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Multi-layer hose series

Firefighting conveying hose LCTP

Features and Applications

- Fluid: perfluoro (AFFF), heptafluoropropane (HFC-227ea, or FM-200)
- Features: flame retardance, wear resistance, pressure resistance
- Application: mainly used in the field of firefighting in energy storage, vehicle fire extinguishing system and such

Series table

Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20℃	40℃	60℃		Black	White	Red	Blue	Yellow	Green	Grey	Clear
		1.4	1.3	1.2		B	W	R	BU	Y	G	GR	C
LCTP 9×6.35	9×6.35				35								
LCTP 10.5×8	10.5×8				45	●	○	●	●	●	●	●	○
LCTP 12.7×9.5	12.7×9.5				60								

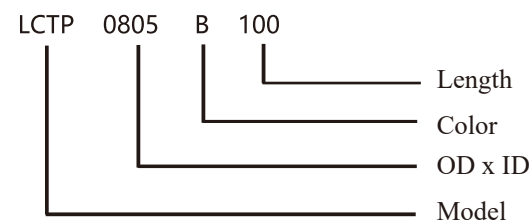
Note 1: The pressure resistance is verified by a strength test.. The product shows no permeations, deformations, or tears under 5mins of constant 2.0 MPa hydraulic pressure.

Note 2: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: TPEE
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in box

Model representation method



Suitable hose connectors

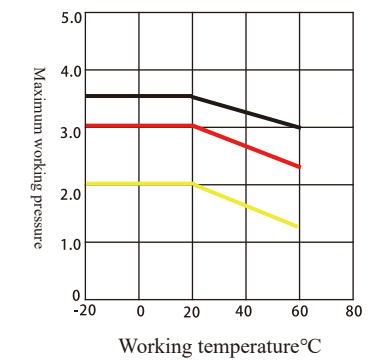
- Quick connect fitting, flanged fitting



Working fluid temperature ranges

Fluids	Working temperature
Fluids	-20℃ ~ +70℃

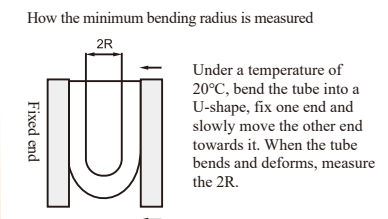
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
3-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

- ★ Attention:
1. This product is mainly suitable for perfluoro and HFC-227ea passage. If other fluids are used, please contact us.
 2. The minimum bending radius is measured at a temperature of 20℃.
 3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.











PE series

PE hose LCPE

Features and Applications

- Fluid: Air, water
- Features: good corrosion resistance, food-grade material, silicon-free
- Application: used on water dispensers, water purifers and such

Series table

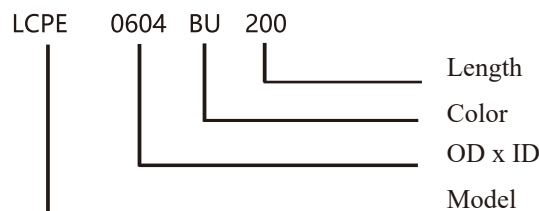
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20°C	40°C	60°C		B	W	R	BU	Y	G	GR	C
LCPE0402	4×2	2.0	1.6	1.0	10								
LCPE0604	6×4	1.4	1.0	0.5	15								
LCPE0806	8×6	0.8	0.6	0.4	20								
LCPE1209	12×9	0.9	0.6	0.4	35								
LCPE1411	14×11	0.8	0.6	0.4	50								
LCPE 1/8"	3.18×1.57	2.0	1.65	1.2	10								
LCPE 1/4"	6.35×4.23	1.3	0.9	0.5	10								
LCPE 3/8"	9.53×6.35	1.65	1.1	0.6	30								
LCPE 1/2"	12.7×8.46	1.0	0.8	0.5	35								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: polyethylene
- Length: 200m/roll (OD 6mm and below), 100m/roll (OD above 6mm)
- Packaging: by roll in plastic film protector, in box, or in spool package

Model representation method



Suitable hose connectors

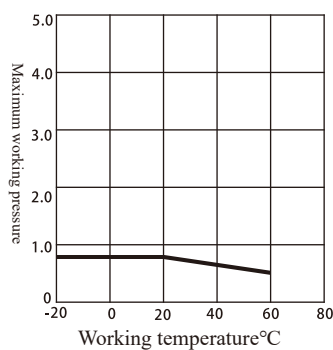
- one-touch fitting



Working fluid temperature ranges

Fluids	Working temperature
Air, water	-20°C ~ +60°C

Maximum working pressure chart

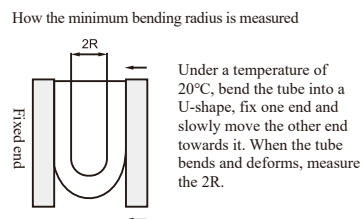


Tolerance level

Hose OD	Tolerance
4-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



PVC series

Food-grade PVC hose LCPV

Features and Applications

- Fluid: Air, water, general-purpose non-corrosive liquids
- Features: in compliance with food-grade requirements, light-weighted, good softness, good transparency
- Application: food processing, chemica industry, etc.

Series table

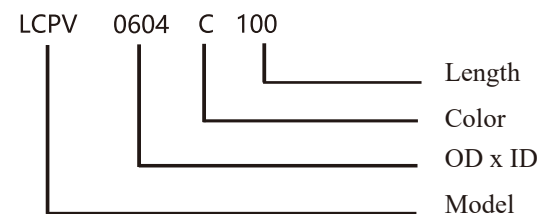
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCPV0425	4×2.5	1.0	0.8	0.7	15	●	○	●	●	●	●	○	
LCPV0604	6×4	0.8	0.65	0.55	20								
LCPV0805	8×5				30								
LCPV0855	8×5.5				30								
LCPV1065	10×6.5				40								
LCPV1208	12×8	45											
LCPV1410	14×10	0.7	0.55	0.5	50								
LCPV1612	16×12				60								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

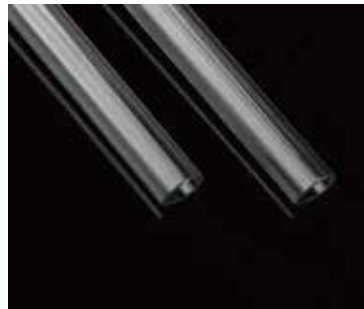
- Material: polyvinyl chloride
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

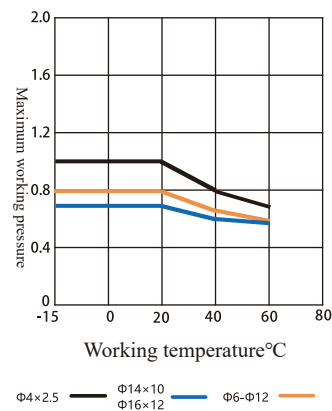
- one-touch fitting



Working fluid temperature ranges

Fluids	Working temperature
Air, water	-15°C ~ +60°C

Maximum working pressure chart

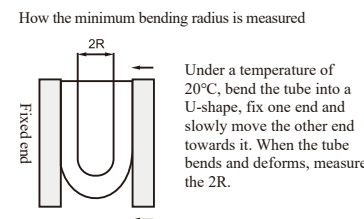


Tolerance level

Hose OD	Tolerance
4-8mm	+0.10 / -0.10
10-12mm	+0.15 / -0.15
14-16mm	+0.20 / -0.20

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



PVC series

Food-grade PVC hose LCPV

Features and Applications

- Fluid: Air, water, general-purpose non-corrosive liquids
- Features: in compliance with food-grade requirements, light-weighted, good softness, good transparency
- Application: food processing, chemica industry, etc.

Series table

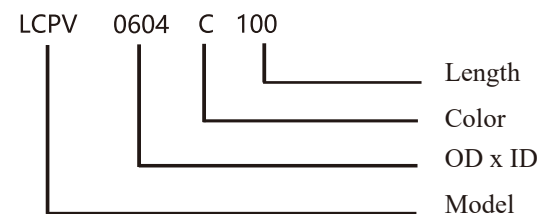
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
						Black	White	Red	Blue	Yellow	Green	Grey	Clear
		20℃	40℃	60℃		B	W	R	BU	Y	G	GR	C
LCPV0425	4×2.5	1.0	0.8	0.7	15	●	○	●	●	●	●	○	
LCPV0604	6×4	0.8	0.65	0.55	20								
LCPV0805	8×5				30								
LCPV0855	8×5.5				30								
LCPV1065	10×6.5				40								
LCPV1208	12×8	45											
LCPV1410	14×10	0.7	0.55	0.5	50								
LCPV1612	16×12				60								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: polyvinyl chloride
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

- one-touch fitting

PVC series

Food-grade PVC braided hoset LCYPV

Features and Applications

- Fluid: Air, other fluids
- Features: plastic-weaved enhance layer strengthens the pipe's performances, good flexibility, food-grade, no PAEs, silicon-free, semi-transparency enables visibility of fluids
- Application: robots, automobile manufacturing, semiconductor equipments, package weaving equipments, etc.

Series table

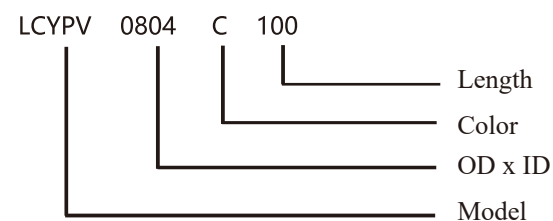
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCYPV0804	8×4	1.5	0.8	0.4	10	●	○	●	●	●	●	●	○
LCYPV1106	11×6				12								
LCYPV1307	13×7				14								
LCYPV1408	14×8				16								
LCYPV1610	16×10				25								
LCYPV1812	18×12				30								
LCYPV2315	23×15	1.0	0.5	0.3	40								
LCYPV2619	26×19				60								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: food-grade PVC
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

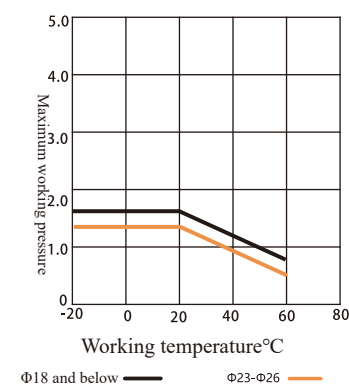
- one-touch fittings, barbed fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20°C ~ +70°C
Other fluids	-20°C ~ +70°C

Maximum working pressure chart

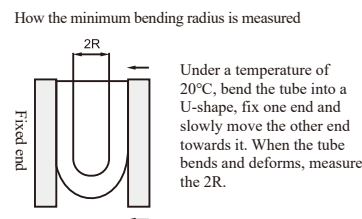


Tolerance level

Hose OD	Tolerance
8-11mm	+0.15 / -0.15
13-18mm	+0.20 / -0.20
18-26mm	+0.50 / -0.50

★ Attention:

1. This product is mainly suitable for air passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



PVC series

Food-grade PVC steel wire hose LCPVS

Features and Applications

- Fluid: Air, water, general-purpose non-corrosive liquids
- Features: food-grade material is transparent and odorless, smooth inner wall allows easy fluid passage, good durability, does not break when bent, bend is kept at -10°C, inserted spiral wire leads to better pressure resistance
- Application: food and drink production equipment (especially beer), agricultural machines (such as water pumps), fluid/gas/oil/dust suction and discharge for oil storages, petrol equipment, mining industry equipments, and production, etc.

Series table

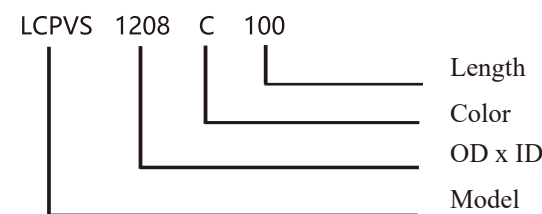
Model	OD x ID	Maximum working pressure	Mini-bending radius	Color							
				Black	White	Red	Blue	Yellow	Green	Grey	Clear
				B	W	R	BU	Y	G	GR	C
LCPVS1208	12×8	0.8-1.0 Mainly used in a negative-pressure environment	20	-	-	-	-	-	-	-	○
LCPVS1510	15×10		35								
LCPVS1610	16×10		60								
LCPVS1813	18×13		95								
LCPVS2216	22×16		100								
LCPVS2419	24×19		100								
LCPVS2619	26×19		150								
LCPVS3225	32×25		165								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: food-grade PVC synthetic material, high-strength galvanized metal wire
- Length: 100m/roll
- Packaging: by roll in plastic film protector

Model representation method



Suitable hose connectors

- barbed fittings



Working fluid temperature ranges

Fluids	Working temperature
Air, water	-15°C ~ +60°C

Maximum working pressure chart

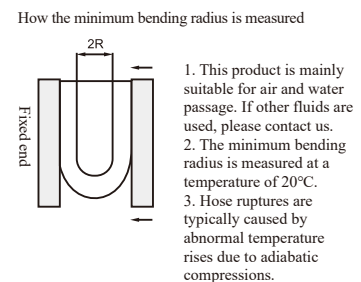
outer diameter mm	weight per m kg	thickness mm	length cm	working pressure MPa	typical pressure at 20°C MPa	rupture pressure at 60°C MPa
6	0.14	3	100	-0.1~1.1	3.3	1.6
10	0.2	3	100	-0.1~1.0	3.3	1.5
12	0.3	3	100	-0.1~1.0	3.0	1.5
16	0.3	3	50	-0.1~1.0	3.0	1.3
19	0.3	3	50	-0.1~1.0	3.0	1.2
25	0.4	3	50	-0.1~0.7	2.5	1.0
25	0.6	4	50	-0.1~0.7	2.5	1.0
32	0.6	4	50	-0.1~0.7	2.0	0.9
38	0.6	3	50	-0.1~0.6	1.8	0.8
38	0.8	5	50	-0.1~0.6	1.8	0.8
40	0.9	4	50	-0.1~0.6	1.8	0.8
45	1.0	4	50	-0.1~0.6	1.7	0.8
50	1.1	4	50	-0.1~0.5	1.6	0.7
50	1.4	5	50	-0.1~0.5	1.6	0.7

Tolerance level

Hose OD	Tolerance
12-15mm	+0.2 / -0.2
16-18mm	+0.30 / -0.30
22-32mm	+0.50 / -0.50

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.



Other hose series

TPV braided hose LCYTP

Features and Applications

- Fluid: Air, water, oil, solvents
- Features: great wear resistance, good weather and heat resistance, great resistance against permanent deformations, great tensile strength, high toughness, high elasticity, great environmental friendliness, great insulation properties
- Application: packaged water chiller system for new energy vehicles

Series table

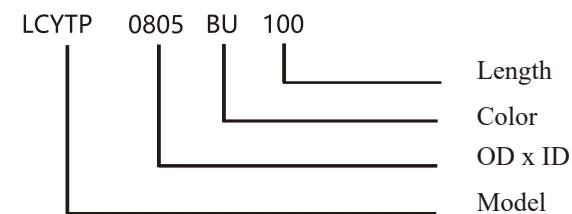
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20°C	100°C	150°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCYTP1005	10×5	1.6	1.2	0.8	30	●	○	●	●	●	●	●	-
LCYTP1408	14×8				60								
LCYTP1695	16×9.5				75								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: TPV (hardness: 25A, 55D)
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

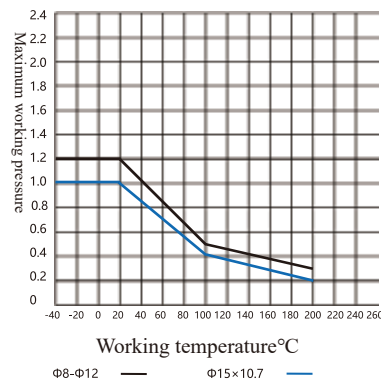
- one-touch fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-60°C ~ +150°C
Water	0°C ~ +100°C

Maximum working pressure chart



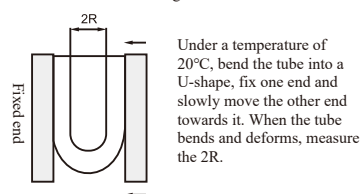
Tolerance level

Hose OD	Tolerance
8-12mm	+0.15 / -0.15
14-19mm	+0.20 / -0.20

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Other hose series

Corrosion resistant rubber hose LCZTP

Features and Applications

- Fluid: Air, water, electrolytes
- Features: great elasticity, chemical resistance, and weather resistance, suitable for outdoor usages
- Application: new power, lithium battery industry, suitable for environments calling for corrosion resistance

Series table

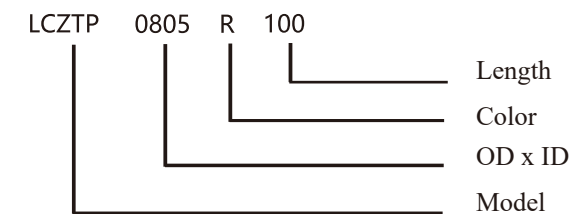
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20°C	100°C	150°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
LCZTP0425	4×2.5	0.8	0.7	0.6	20	●	○	●	●	●	●	●	-
LCZTP0604	6×4	0.9	0.8	0.7	30								
LCZTP0805	8×5				40								
LCZTP1208	12×8	0.8	0.7	0.6	60								

Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

- Material: special corrosion resistance material
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

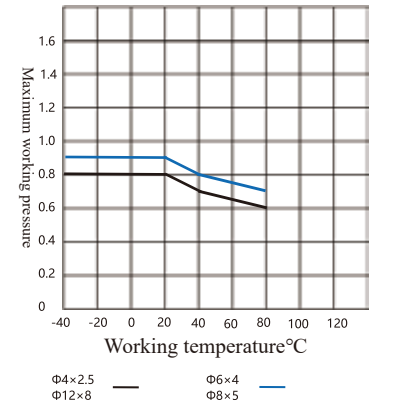
- one-touch fitting, insert fitting, miniature fitting



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +100°C
Water	0°C ~ +100°C

Maximum working pressure chart



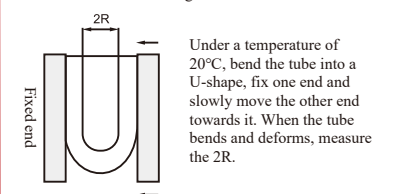
Tolerance level

Hose OD	Tolerance
4-6mm	+0.10 / -0.10
8-12mm	+0.15 / -0.15

★ Attention:

1. This product is mainly suitable for air and water passage. If other fluids are used, please contact us.
2. The minimum bending radius is measured at a temperature of 20°C.
3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Water gun series

machine tool cleaning equipment

Filtration device added to the existing rapid push-on fitting to extend the cleaning equipment's service life, and to decrease the number of product supports due to debris blocking



Official website: www.langchi-pneumatic.com

Water gun series

Ordering notices
Please identify the product, and provide the below: :
1: series code
2: type of pipe for the gun and the pipe's length
3: size of the fitting
4: whether or not filtration device, ball valve, or the spring protector are added on



Ordering model

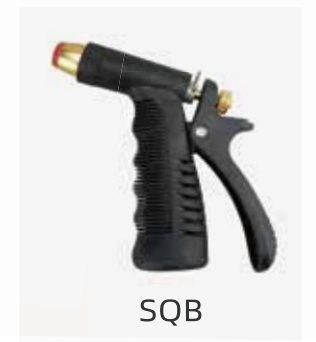
Example: SQTW water gun set + filtration + 4-meter double-layered pipe + 3/8" fitting

Note: In the label code, "XX" represents optional parts. If any of the filtration device, ball valve, or the spring protector is not desired, please leave the particular part blank.

SQTW - XX - PAU1208 - 6M - XX - XX - 03

series	filtration device	pipe type	pipe length	N-spring protector	MK-ball valve on/off switch	male fitting
SQTW	spring protector		4M			1/4"
SQG			6M			3/8"
SQF			customized length			1/2"
SQB						3/4"

Water gun series



filtration device / spring protector



N- spring protector



pipe type

OD 12mm, ID 8mm
inner layer uses PA nylon
outer layer uses PU resin



Official website: www.langchi-pneumatic.com

Air gun series



Air gun series

Ordering notices
Please identify the product, and provide the below: :
1: series code
2: type of pipe for the gun and the pipe's length
3: size of the fitting



Ordering model

A088 - SPA - PU0805 - 4M - SMS - 03

series	SPA-semi-auto lock	pipe type	pipe length	sheet metal fitting	fitting size
A088	SPC-full-auto lock		4M	Sm-semi-auto lock	1/4"
AGB			6M	Sma-full-auto lock	3/8"
AG-07			customized length		1/2"
T680/L					3/4"

|| Air gun series



A088 ■ ■ ■ AGB ■ AG-07 ■ ■ ■ ■ ■ T680/L ■

|| fitting sizes and models



|| pipe type (blue/black/grey)

PU0805:
OD 8mm, ID 5mm
PU resin material
color types: black/blue/grey

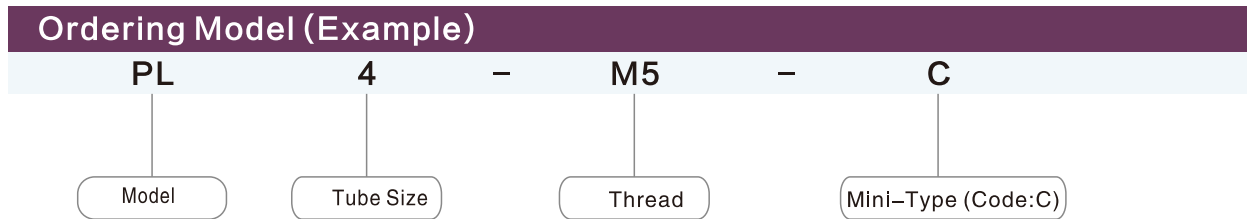


Small-scale pneumatic pipe tools

Product features

- Pneumatic ultra small quick connect pneumatic tube fittings.
- The size is 40% of the standard tube fittings, successfully achieving miniaturization.
The release rings used for dismantling tube are with two types of oval and circular.
- Although those fittings are ultral small, they are still easy to disassemble.
- Nickel-plated brass body is corrosion-proof and anti-pollution.

Technical Specification	
Fluid	Air、 Water （Conditional）
Operating Pressure	0~1.0Mpa
VacuumPressure	-100Kpa(10Torr)
OperatingTemperature	-10~60℃

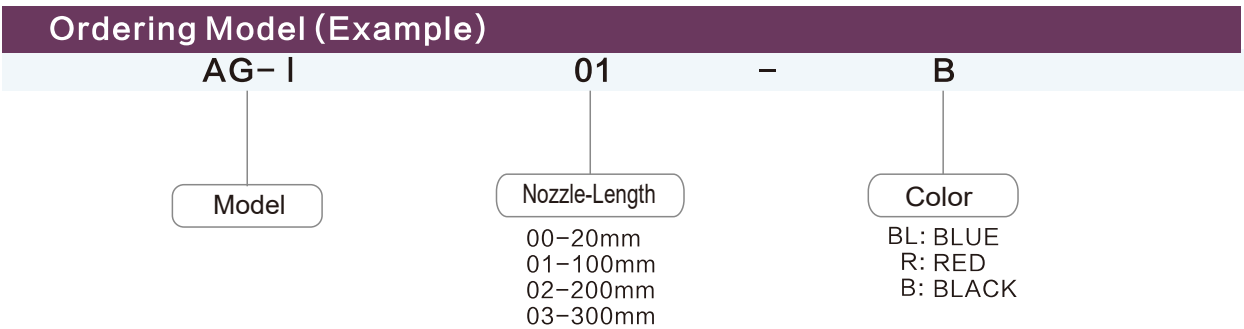


Air guns, tube cutters, silencers, and quick connect tube fittings

Product features

- Air guns are with two types. Type I has the advantages of convenient use and durability. Type II has energy-saving, low noise and high efficiency. Nozzles can also be selected as needed.
- Tube cutters are two types. Type I is of simple structure and convenient to use. Type II tube cutter comes with a tape measure, which can measure the required tube length, improve efficiency, and is extremely convenient to use.
- Silencers are of various specification and with good noise reduction effect and easy to use.
- Quick connect tube fittings are different models, which is easy insertion and removal, **good sealing** performance and a wide range of use.

Technical Specification	
Fluid	Air、 Water （Conditional）
Operating Pressure	0~1.0Mpa
VacuumPressure	-100Kpa(10Torr)
OperatingTemperature	-10~60℃



Combined, lock nut, NK type, and ferrule type fittings

Product features

- The combined tube fittings have different link lock of threads and pipeline.
- The lock nut tube fittings is easy to use, firmly installation, good stability, high pressure resistance ,negative pressure resistance, a wide range of temperature resistance and fluids.
- NK type fittings are suitable for connecting PU tubes and nylon tubes. The advantage is to provides good protection for the tube at connecting point. The maximum working **pressure is** greater than the bearing pressure of the tubes.
- Ferrule type tube fittings are suitable for connecting metal pipes, PU tubes, nylon tubes, and other pipelines. When using PU and nylon tubes, it is best to place a support sleeve on the inner wall of the tubes. The maximum working pressure is greater than the bearing pressure of the tube.



Technical Specification

Fluid	Air、 Water (Conditional)
Operating Pressure	0~1.0Mpa
VacuumPressure	-100Kpa(10Torr)
OperatingTemperature	-10~60℃

Ordering Model (Example)

SM	-	L	10	65	-	03
Model		Shape	Outer Diameter	Inner Diameter		Thread

Quick connect pneumatic tube fittings

Product features

- Quick connect pneumatic tube fittings are used in pneumatic tube system.
- Pneumatic tube fittings with various types can meet all needs in pneumatic tube system.
- Even after installed, the direction of tube can be freely changed.
- Nickel-plated brass body is corrosion-proof and anti-pollution.
- All R and NPT threads glue has a sealing effect.
- All straight G threads(BSPP thread) are standard O-ring.



Technical Specification

Fluid	Air、 Water (Conditional)
Operating Pressure	0~1.0Mpa
VacuumPressure	-100Kpa(10Torr)
OperatingTemperature	-10~60℃

Ordering Model (Example)

PC	8	-	G01
Model	Tube Size		Thread

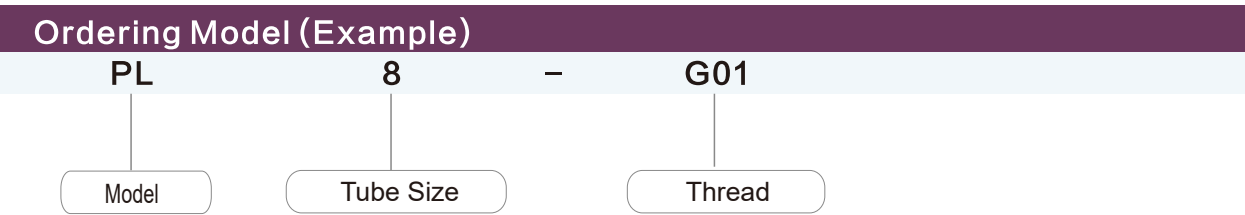
Quick connect pneumatic tube fittings II

Product features

- Quick connect pneumatic tube fittings are used in pneumatic tube system.
- Pneumatic tube fittings with various types can meet all needs in pneumatic tube system.
- Even after installed, the direction of tube can be freely changed.
- Nickel-plated brass body is corrosion-proof and anti-pollution.
- All R and NPT threads glue has a sealing effect.
- All straight G threads(BSPP thread) are standard O-ring.



Technical Specification	
Fluid	Air、 Water （Conditional）
Operating Pressure	0~1.0Mpa
VacuumPressure	-100Kpa(10Torr)
OperatingTemperature	-10~60℃



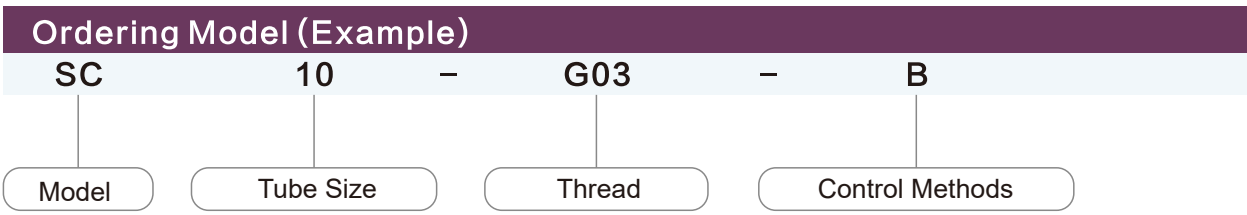
Valve type fittings

Product features

- Speed controller for executing components.
- Nickel-plated brass body is corrosion-proof and anti-pollution.
- All R and NPT threads glue has a sealing effect.
- All straight G threads(BSPP thread) are standard O-ring.



Technical Specification	
Fluid	Air、 Water （Conditional）
Operating Pressure	0~1.0Mpa
VacuumPressure	-100Kpa(10Torr)
OperatingTemperature	-10~60℃



A:Exhaust Throttle Control Word OUTor no symbol is marked on the adjustment wheel.
B:Intake Throttle Control Word B is marked on the adjustment wheel.

Brass quick connect tube fittings

Product features

- All the main and auxiliary components are pneumatic tube fittings made of brass.
- The pneumatic tube fittings are of excellent flame resistance, heat resistance, and splash resistance.
- When inserting or unplugging a tube, press the button down to easily insert and unplug without damaging to tube.
- After installation of the straight, three-way, four-way, and other terminal connectors, simply rotate the fittings body to adjust the direction of the tube.



Technical Specification

Fluid	Air、 Water (Conditional)
Operating Pressure	0~1.0Mpa
VacuumPressure	-100Kpa(10Torr)
OperatingTemperature	-10~60℃

Ordering Model (Example)

NLCLT	10	-	G02	-	II
Model	Tube Size		Thread		Control Methods

*Blank is for Type I precision tube fittings
 *II is for Type II precision tube fittings with lock claw

stainless steel fittings

Product features

- All parts except the sealing ring are made of SUS316L material, which are strong corrosion resistance.
- The sealing ring is made of fluororubber (FKM), which are strong resistance to chemical corrosion, acid resistant and high-temperature resistant.
- These parts belong to oil-free specifications and comply with food hygiene laws, and are widely used in industries such as food, chemistry, and health care, etc.



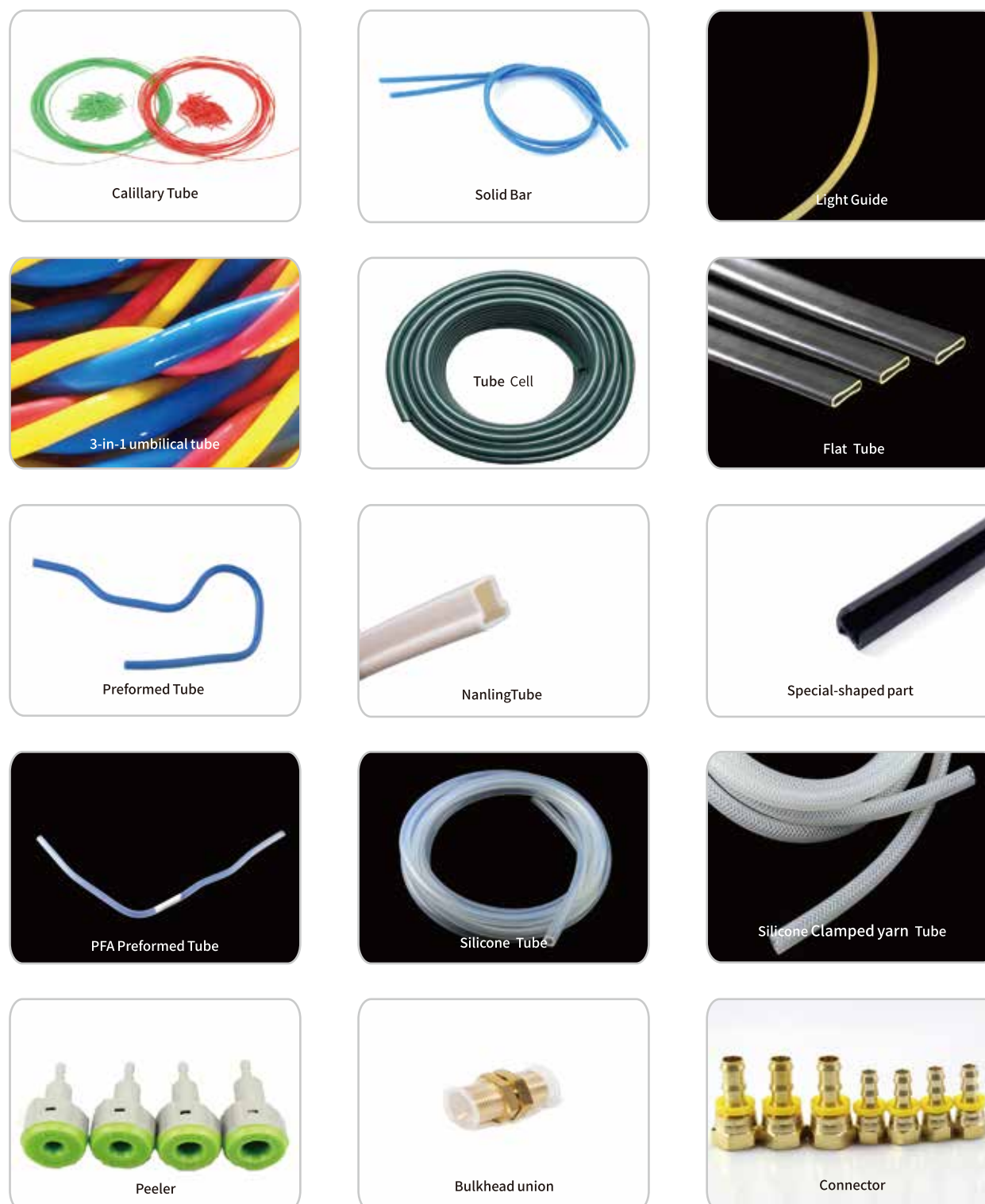
Technical Specification

Fluid	Air、 Water (Conditional)
Operating Pressure	0~1.5Mpa
Withstanding Voltage	2MPa
OperatingTemperature	-20~140℃

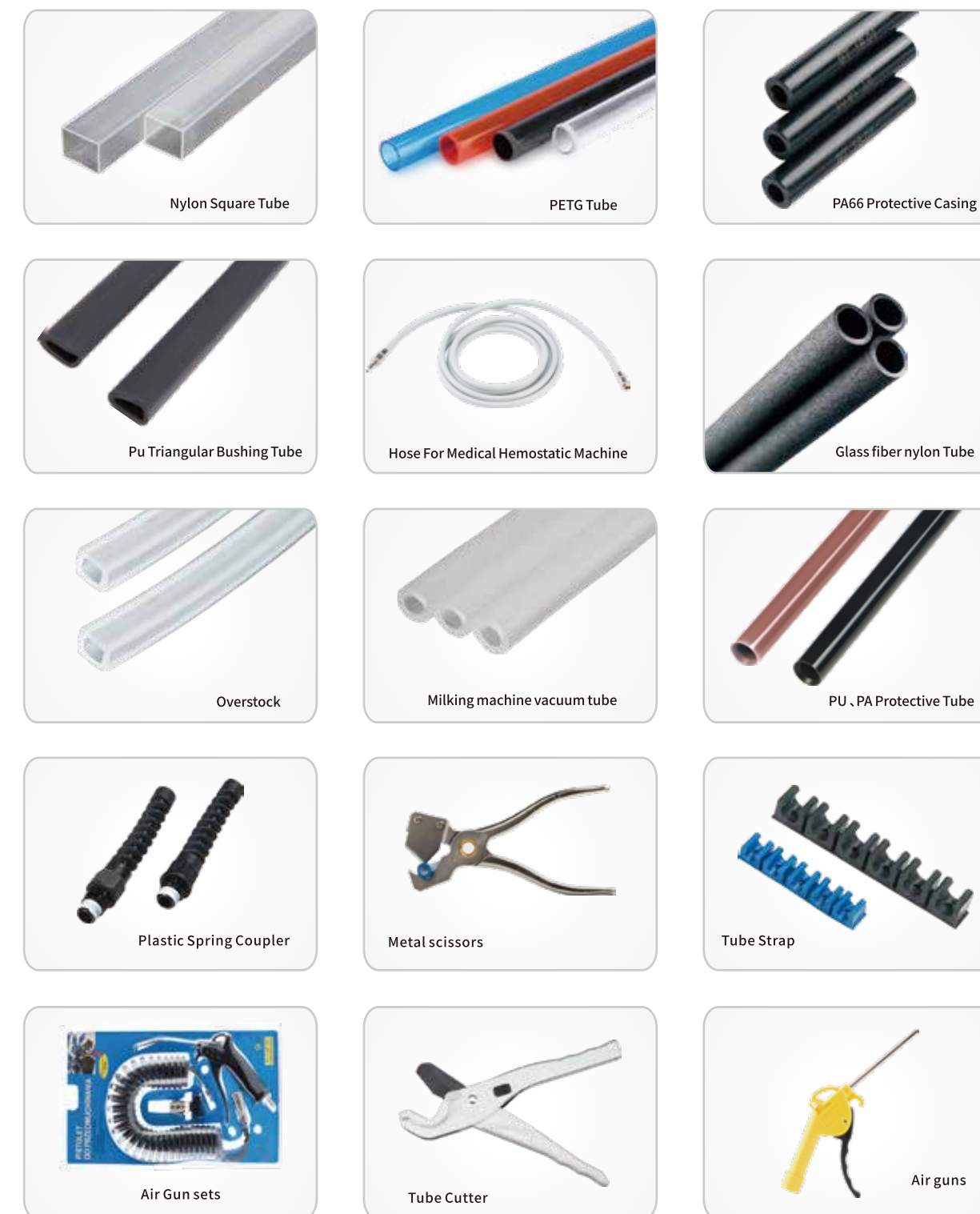
Ordering Model (Example)

SSL	8	-	02
Model	Tube Size		Thread

Other products



Other products



chemical compatibility chart

usage recommended	1	usage not recommended	3
pipe requirements met	2	unusable	-

Medium	Nylon pipe	Polyether PU pipe	Polyester PU pipe	Standard PE pipe	High-quality PE pipe	FEP/PFA pipe
Acetaldehyde	1	1	3	3	2	1
Acetone	1	3	1	2	1	1
Acetylene	-	-	-	3	-	1
Chromic acid (below 10% w/v)	2	3	3	3	-	1
Citric acid	1	1	1	1	1	1
Formic acid (below 10% w/v)	-	-	-	3	-	1
Hydrochloric acid (below 10% w/v)	3	1	3	1	1	1
Phosphoric acid (below 50% w/v)		3	3	1	1	1
Sulfuric acid (below 10% w/v)	3	1	1	1	1	1
Acetic acid	3	1	3	1	1	1
Nitric acid	2	1	3	2	-	1
Ammonia	-	1	3	2	1	1
Ammonium chloride (below 10% w/v)	-	1	1	1	1	1
Benzene	1	3	3	3	2	1
Bromine	3	-	-	2	3	1
Butane	-	1	1	-	1	1
n-Butyl acetate	1	3	2	2	-	1
Calcium chloride	1	-	-	2	1	1
Carbon tetrachloride (Sodium hypochlorite)	2	2	2	-	3	1
Trichloromethane (chlorofoam)	3	3	3	2	2	1
Compressed air	-	1	1	1	1	1
Copper(II) sulfate	-	-	-	-	-	1
Cyclohexanone	1	3	3	3	-	1
Industrial ethyl alcohol	1	2	2	-	-	1
Ethyl acetate	1	2	2	1	1	1
Food-grade alcohol	1	-	-	2	1	1
Ethylene oxide	-	-	-	3	2	1
Formaldehyde	1	1	2	1	1	1
Freon	2	2	2	-	-	1
Glucose	-	1	2	1	1	1
Ethylene glycol monomethyl ether	-	3	3	-	-	1
Ethylene glycol (anhydrous)	-	1	1	1	1	1
Hexachlorides	-	2	1	-	-	1
Hydrogen gas	1	1	2	-	1	1
Hydrogen peroxide	3	2	2	-	1	1
kerosene	1	1	2	-	3	1
Magnesium chloride (below 30% w/v)	1	1	2	-	1	1
Methane	1	1	1	-	-	1
Methyl alcohol	2	1	1	-	-	1
Methyl acetate	-	2	2	-	-	1
Pure ethyl alcohol	1	1	1	-	2	1

Official website: www.langchi-pneumatic.com

chemical compatibility chart

usage recommended	1	usage not recommended	3
pipe requirements met	2	unusable	-

Medium	Nylon pipe	Polyether PU pipe	Polyester PU pipe	Standard PE pipe	High-quality PE pipe	FEP/PFA pipe
Bromomethane	2	-	-	-	-	1
Chloromethane	2	-	-	-	-	1
Methyl ethyl ketone (MEK)	1	3	3	-	-	1
Methyl isobutyl ketone (MIBK)	1	3	3	-	-	1
Cutting oil	1	1	1	-	3	1
Mineral oil	1	1	2	-	-	1
Engine fuel (diesel)	1	2	2	2	2	1
Oxygen	2	2	2	2	2	1
Ozone	3	2	2	-	3	1
Perchlorethylene	1	3	3	-	-	1
Gasoline (aromatic carbon below 40% w/v)	3	3	2	-	3	1
Gasoline (aromatic carbon above 40% w/v)	1	3	3	-	3	1
Phenols	1	3	3	-	-	1
Potassium carbonate	1	2	3	-	-	1
Potassium chloride (below 40% w/v)	-	1	2	-	-	1
Potassium hydroxide	1	-	-	-	1	1
Potassium manganate (5%)	1	3	2	-	1	1
Potassium sulfate	1	-	-	-	-	1
Propame	1	1	1	-	-	1
Carbonated water (50%)	1	1	3	-	1	1
Sodium chloride	1	-	-	-	1	1
Sodium chloride	-	1	2	-	-	1
Sodium hydroxide (caustic soda, lye)	-	1	2	-	1	1
Sodium hypochlorite (bleach)	1	1	3	-	-	1
Sulfur dioxide	1	-	-	-	-	1
Perchlorethylene	1	2	2	-	-	1
Toluene	1	2	2	3	3	1
Tributyl phosphate	1	-	-	-	-	1
Trichloroethylene	1	3	3	-	-	1
Water (distilled, deionized)	-	1	3	2	1	1
Water (beverage, food)	1	1	3	1	1	1
Water (industrial use)	1	1	3	1	1	1
Water (sea water)	2	1	3	1	1	1
Xylem (plant)	1	2	2	-	-	1
Zinc chloride	1	1	1	-	-	1

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