

## 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

### Fluororesin series

FEP hose LCTH	01
PFA hose LCTLM	02
High purity PFA hose LCTL	03
PFA corrugated pipe LCTLC	04
Static-proof PFA hose LCTLA	05
PTFE hose LCTD	06
PVDF hose LCFET	07
ETFE hose LCFPV	08
Fluororesin spiral hose	09

### Polyolefin series

Corrosion resistant hose LCTPY	10
Hard polyolefin hose LCTPH	11
Soft polyolefin hose LCTPS	12

### Polyurethane series

Polyester polyurethane hose LCPU	13
Polyether polyurethane hose LCTU	14
Food grade polyurethane hose LCTUX	15
Soft polyurethane hose LCTUS	16
Wear resistant hose LCTUZ	17
High temperature and high pressure polyester hose LCTUH	18
Static-proof polyurethane hose LCTAU	19
PUR harness hose LCTUR	20
Polyester polyurethane multi-row hose LCPFU	21
Polyether polyurethane multi-row hose LCTFU	22
Bio-based polyurethane hose LCTUY	23
High temperature water hose LCTPU	24

### Polyurethane spiral hose series

Polyester polyurethane spiral hose LCPCU	25
Polyether polyurethane spiral hose LCTCU	26
Polyester polyurethane multi-row spiral hose LCPFCU	27
Polyether polyurethane multi-row spiral hose LCTFCU	28

### Polyurethane braided hose series

Polyester PU braided hose LCYPU	29
Polyether PU braided hose LCYTU	30
PUR braided hose LCYUR	31
Air braided hose LCYTUA	32

### Flame retardant series

Single-layer polyester PU flame retardant hose LCFRPU	33
Single-layer polyether PU flame retardant hose LCFRTU	34
Anti-splash polyester PU double-layer flame retardant hose LCFRU	35
Anti-splash polyether PU double-layer flame retardant hose LCTRBU	36
FR double-layer flame retardant hose LCTRBU	37
Anti-splash PU triple-layer flame retardant hose LCTRTRU	38
Direct insertion FR hose LCFR	39

Nylon single-layer flame retardant hose LCTRA	40
Nylon double-layer flame retardant hose LCTRB	41

### Nylon series

PA Nylon hose LCPA	42
PA66 Nylon hose LCPB	43
PA11 Nylon hose LCPC	44
PA12 Nylon hose LCT	45
Soft nylon hose LCTS	46
Static-proof nylon hose LCTAS	47
Fire detection hose LCTPA	48
Food grade nylon hose (economical type) LCPAE	49
Food grade nylon hose (precision type) LCPAP	50
Bio-based nylon hose LCTX	51
Bio-based soft nylon hose LCTSX	52
Nylon single core hose LCPS	53
Nylon double core hose LCPT	54
Nylon multi-core hose LCPM	55
Nylon spiral hose LCPCA	56
Low urea permeability hose LCTPE	57

### Multi-layer hose series

Double-layer solvent hose LCMLE	58
Soft fluororesin double-layer hose LCTQ	59
Fluororesin+polyurethane double-layer hose LCTUL	60
Triple-layer flexible solvent hose LCMLS	61
Firefighting conveying hose LCTP	62

### PE series

PE hose LCPE	63
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### PVC series

Food-grade PVC hose LCPV	64
Food-grade PVC braided hose LCYPV	65
Food-grade PVC steel wire hose LCPVS	66

### Other hose series

TPV braided hose LCYTP	67
Corrosion resistant rubber hose LCZTP	68

### Water gun, Air gun series

Water gun series	69
Air gun series	71

### Connector series

Connector series	73
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### Others

Other products	81
Chemical compatibility table	83

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

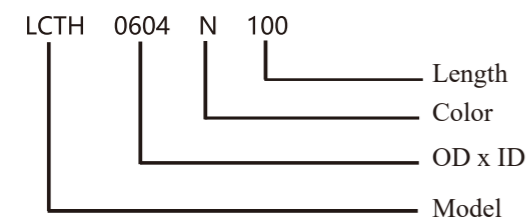
Model	OD x ID	Maximum working pressure(Mpa)			Minimum bending radius (MM)	Color			
		20°C	100°C	200°C		Black	Transparent red	Transparent blue	Semitransparent
						B	R	BU	N
LCTH0402	4×2	2.3	0.85	0.4	15				
LCTH0425	4×2.5	1.7	0.6	0.3	20				
LCTH0604	6×4	1.5	0.55	0.3	35				
LCTH0806	8×6	1.0	0.4	0.2	60				
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

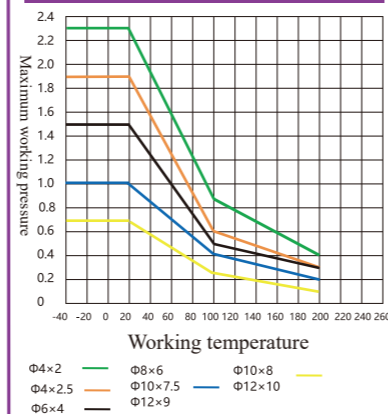
- one-touch fittings, insert fittings, fluororesin hose fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart



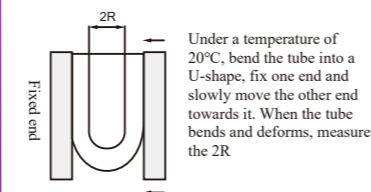
Tolerance level

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

★ ВНИМАНИЕ:

- 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°C.
  3. Hose ruptures are typically caused by abnormal temperature rises due to adiabatic compressions.

How the minimum bending radius is measured



Fluororesin series

PFA 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, better mechanical strength and flexibility compared to FEP hose.
- Applications: chemical, pharmaceutical, semiconductor, photovoltaic, LCD panel manufacturing, etc.

Series table

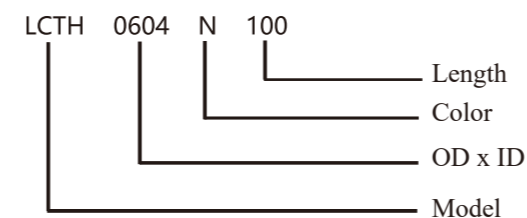
Model	OD x ID	Maximum working pressure(Mpa)				Minimum bending radius (MM)	Color			
		20°C	100°C	200°C	260°C		Black	Transparent red	Transparent blue	Semitransparent
							B	R	BU	N
LCTLM0302	3×2	1.5	0.7	0.35	0.2	20				
LCTLM0425	4×2.5	1.7	0.9	0.45	0.23	20				
LCTLM0403	4×3	1.0	0.5	0.25	0.15	35				
LCTLM0604	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, packaging

- 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

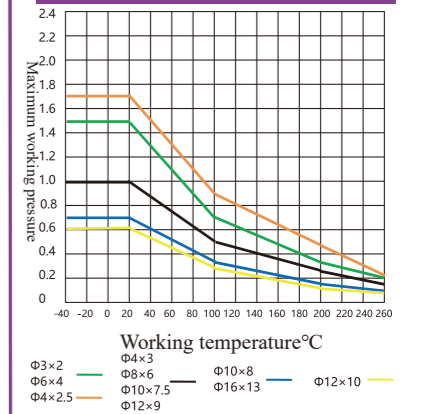
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart



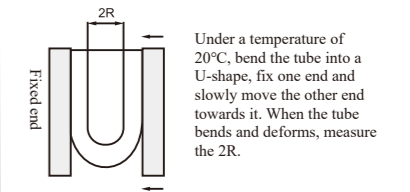
Tolerance level

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

★ ВНИМАНИЕ:

- 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.

How the minimum bending radius is measured



Fluororesin series

High purity PFA hose LCTL

Features and Applications

- Fluids: air, water, noble gas, chemical liquid
- 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

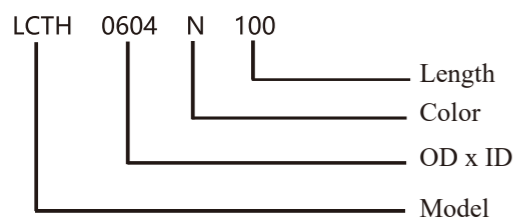
Model	OD x ID	Maximum working pressure				Minimum bending radius	Color			
		20°C	100°C	200°C	260°C		Black	Transparent red	Transparent blue	Semitransparent
						B	R	BU	N	
LCTL0302	3×2	1.5	0.7	0.35	0.2	20				
LCTL0425	4×2.5	1.7	0.9	0.45	0.23	20				
LCTL0403	4×3	1.0	0.5	0.25	0.15	35				
LCTL0604	6×4	1.5	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, packaging

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

Model representation method



Suitable hose connectors

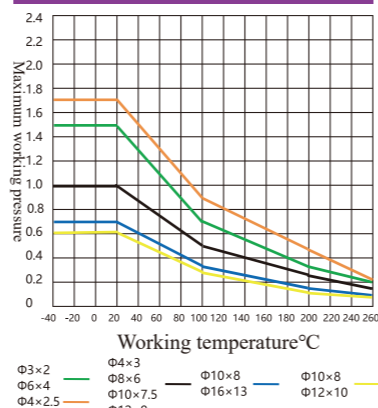
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart



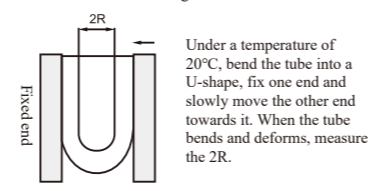
Tolerance level

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.

How the minimum bending radius is measured



Fluororesin series

PFA corrugated pipes LCTL

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

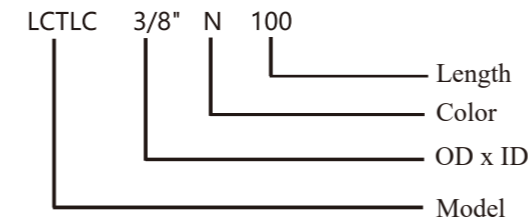
Model	OD x ID	Maximum working pressure				Minimum bending radius	Color			
		20°C	100°C	200°C	260°C		Black	Transparent red	Transparent blue	Semitransparent
						B	R	BU	N	
LCTL 3/8"	9.53×6.33	1.05	0.49	0.245	0.14	60				
LCTL 1/2"	12.7×9.5	0.7	0.35	0.175	0.105	95	●	●	●	○
LCTL 3/4"	19.05×15.85	0.42	0.21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

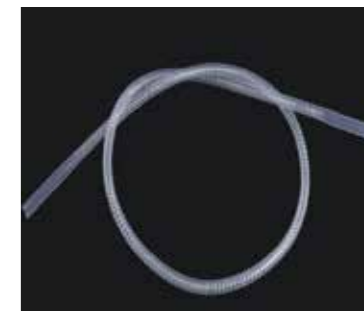
Model representation method



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

Suitable hose connectors

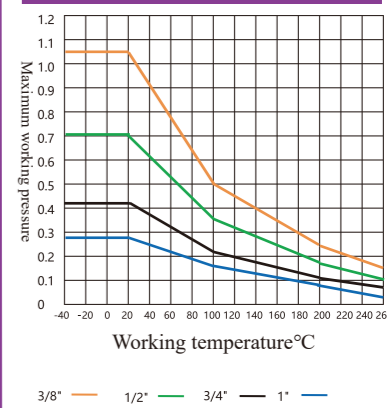
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart



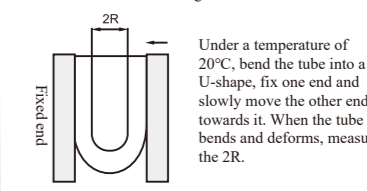
Tolerance level

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.

How the minimum bending radius is measured



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

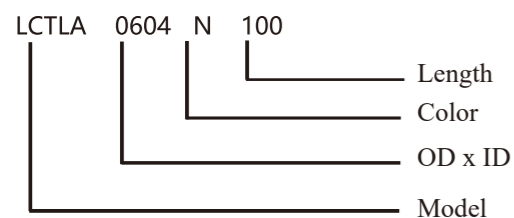
Model	OD x ID	Wall thickness	Maximum working pressure				Minimum bending radius	Color			
			20°C	100°C	200°C	260		Black	Transparent red	Transparent blue	Semitransparent
			B	R	BU	N					
LCTLA0425	4x2.5	0.75	1.6	0.9	0.45	0.2	15				
LCTLA0604	6x4	1.0	1.4	0.7	0.35	0.2	25				
LCTLA0806	8x6	1.0					45				
LCTLA1075	10x7.5	1.25	0.9	0.5	0.25	0.15	55				
LCTLA1209	12x9	1.5					75				
LCTLA 1/8"	3.18x2.18	0.5	1.4	0.7	0.35	0.2	15	●	●	●	○
LCTLA 3/16"	4.75x3.15	0.8					20				
LCTLA 1/4"	6.35x3.95	1.2	1.6	0.9	0.45	0.2	25				
LCTLA 3/8"	9.53x6.33	1.6	1.4	0.7	0.35	0.2	40				
LCTLA 1/2"	12.7x9.5	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

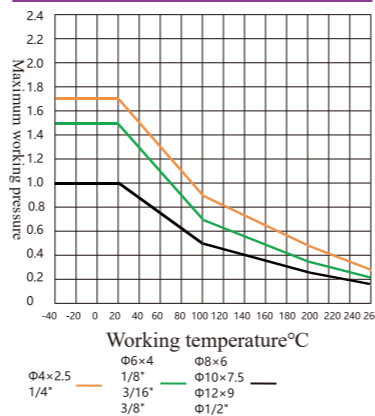
- Anti-static one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart



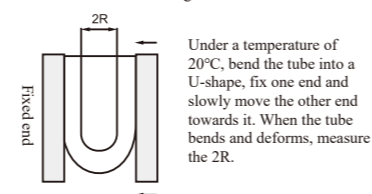
Tolerance level

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.

How the minimum bending radius is measured



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

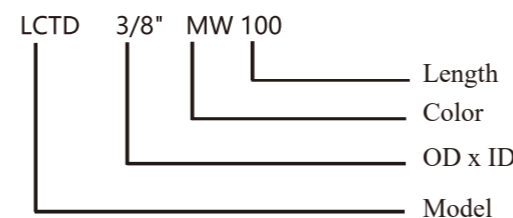
Model	OD x ID	Maximum working pressure				Minimum bending radius	Color			
		20°C	100°C	200°C	260°C		Black	Transparent red	Transparent blue	Semitransparent
		B	R	BU	MW					
LCTD0425	4x2.5	1.6	0.9	0.45	0.23	15				
LCTD0604	6x4	1.4	0.7	0.35	0.2	25				
LCTD0806	8x6					45				
LCTD1075	10x7.5	0.9	0.5	0.25	0.15	55				
LCTD1209	12x9					75				
LCTD 1/8"	3.18x2.18	1.4	0.7	0.35	0.2	15				○
LCTD 3/16"	4.76x3.15					20				
LCTD 1/4"	6.35x3.95	1.6	0.9	0.45	0.23	25				
LCTD 3/8"	9.53x6.33	1.4	0.7	0.35	0.2	40				
LCTD 1/2"	12.7x9.5	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

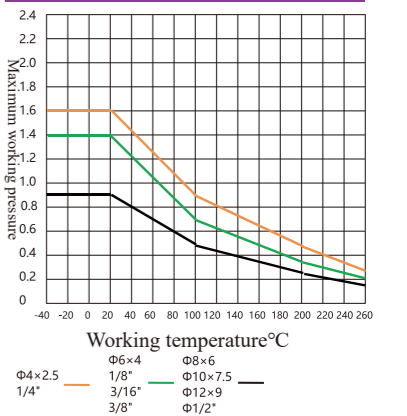
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart



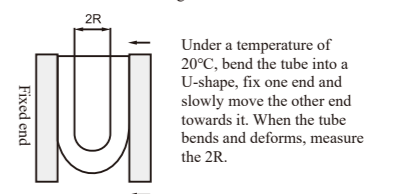
Tolerance level

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.

How the minimum bending radius is measured



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

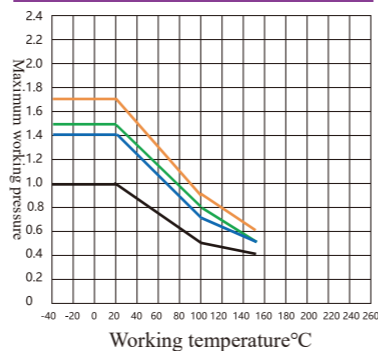
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color			
		20°C	100°C	150°C		Black	Transparent red	Transparent blue	Semitransparent
						B	R	BU	N
LCFET1/16"×0.02"	1.58×0.51	1.7	0.9	0.6	10				
LCFET1/16"×0.016"	1.58×0.41								
LCFET1/8"×3/32"	3.18×2.38	1.4	0.7	0.5	20				
LCFET1/8"×1/16"	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								



Working fluid temperature ranges

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

Maximum working pressure chart

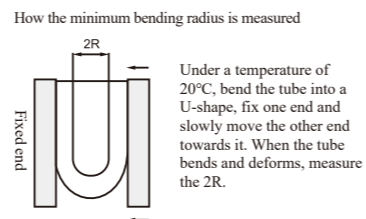


1/16"×0.02" 1/16"×0.016" 1/8"×1/16" 1/8"×3/32" 5/16"×0.232" 3/8"×0.278"

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°C.
  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

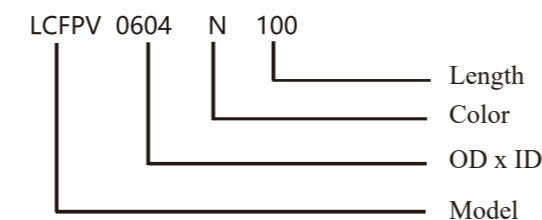
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color											
		20°C	100°C	175°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear				
						B	W	R	BU	Y	G	GR	C				
LCFPV0425	4×2.5	1.7	0.75	0.35	20												
LCFPV0604	6×4	1.5	0.55	0.3	35												
LCFPV0806	8×6	1.0	0.4	0.2	60												
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

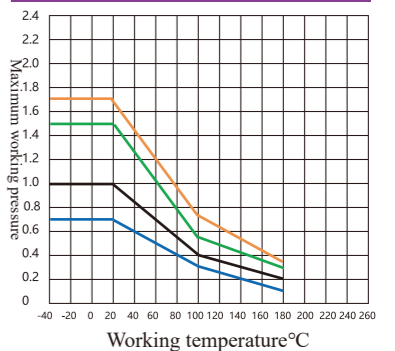
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart

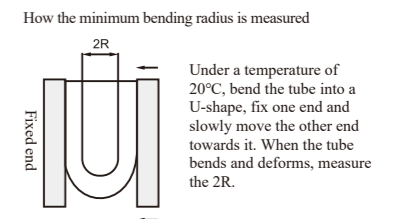


Φ6×4 Φ8×6 Φ10×8 Φ12×9 Φ4×2.5 Φ10×7.5 Φ12×10

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°C.
  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				Minimum bending radius	Color			
		20°C	100°C	200°C	260°C		Black	Transparent red	Transparent blue	Semitransparent
		B	R	BU	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				

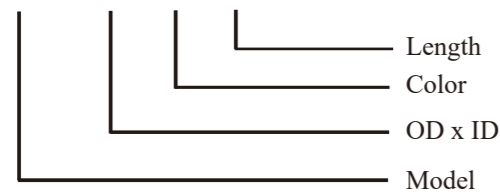
Note: Other sizes, colors can be customized, please contact us.

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

LCPCFA 0604 N 20M



Suitable hose connectors

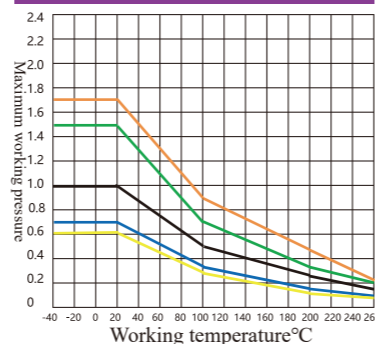
- one-touch fittings, clean one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart



Φ3×2 — Φ4×3 — Φ6×4 — Φ4×2.5 — Φ8×6 — Φ10×7.5 — Φ10×8 — Φ16×13 — Φ12×10 — Φ12×9

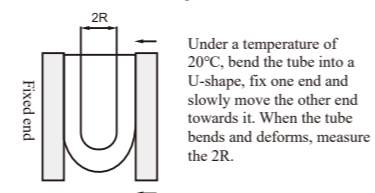
Tolerance level

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.

How the minimum bending radius is measured



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			Minimum bending radius	Color										
		20°C	40°C	50°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear			
		B	W	R		BU	Y	G	GR	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											

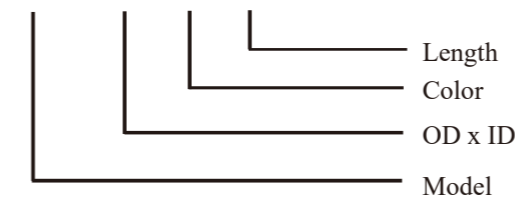
Note: Other sizes, colors can be customized, please contact us.

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

LCTPY 0805 C 100



Suitable hose connectors

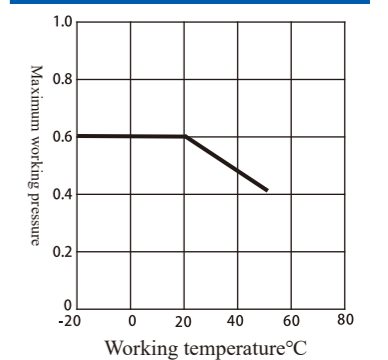
- one-touch fittings, inserted one-touch fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-20°C ~ +50°C

Maximum working pressure chart



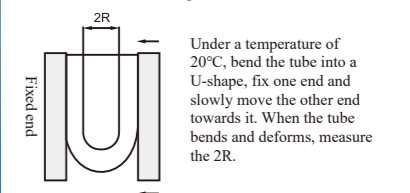
Tolerance level

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.

How the minimum bending radius is measured



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

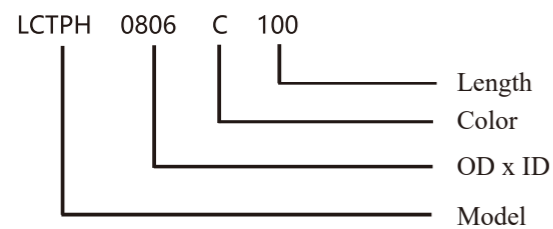
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color								
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
						B	W	R	BU	Y	G	GR	C	
LCTPH0425	4x2.5	1.0	0.8	0.6	15									
LCTPH0604	6x4				25									
LCTPH0806	8x6	0.7	0.57	0.43	35	●	○	●	●	●	●	●	○	
LCTPH1075	10x7.5				45									
LCTPH1209	12x9				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

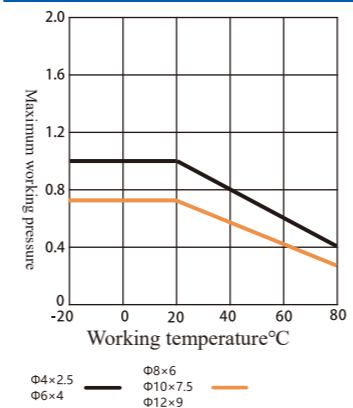
- one-touch fittings, clean one-touch fittings, brass one-touch fittings, insert fittings



Working fluid temperature ranges

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

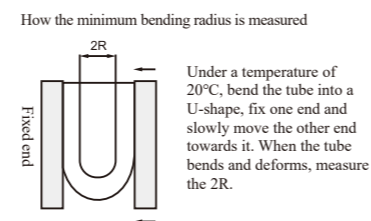
Maximum working pressure chart



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

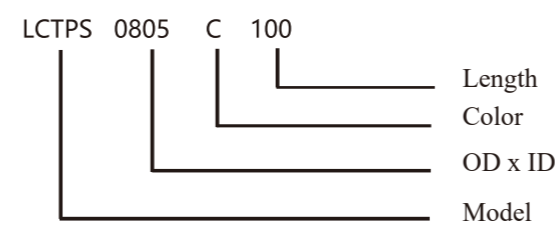
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCTPS0425	4x2.5	0.7	0.58	0.46	10								
LCTPS0604	6x4				20								
LCTPS0805	8x5				25	●	○	●	●	●	●	○	
LCTPS1065	10x6.5				30								
LCTPS1208	12x8				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

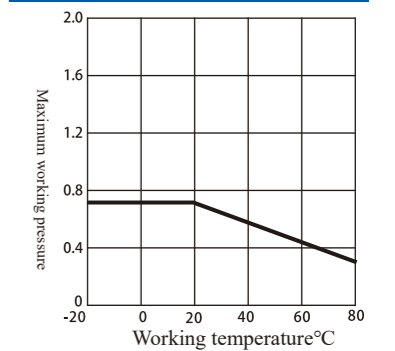
- one-touch fittings, clean one-touch fittings, brass one-touch fittings, insert fittings



Working fluid temperature ranges

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

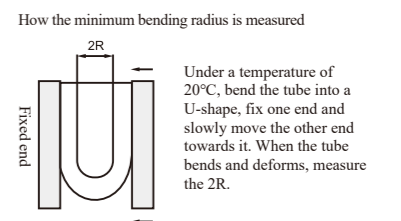
Maximum working pressure chart



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°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear				
		B	W	R		BU	Y	G	GR	C							
LCPU0212	2×1.2				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	Air 0.8	Air 0.65	Air 0.5	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												

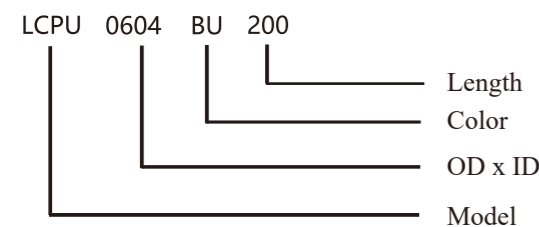
Note: Other sizes, colors can be customized, please contact us.

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

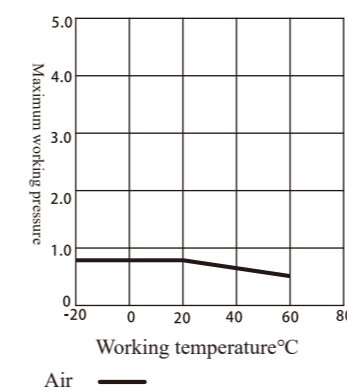
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

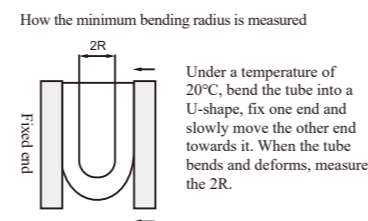
Maximum working pressure chart



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. 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

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°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear				
		B	W	R		BU	Y	G	GR	C							
LCTU0212	2×1.2				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	Air 0.8	Air 0.65	Air 0.5	40	●	○	●	●	●	●	●	○				
LCTU1612	16×12				45												
LCTU 1/8"	3.18×2	0.6	0.5	0.4	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												

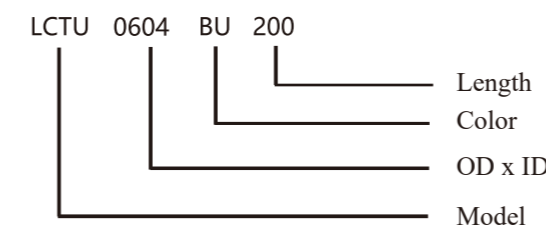
Note: Other sizes, colors can be customized, please contact us.

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

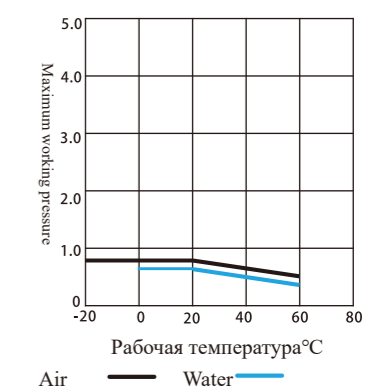
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

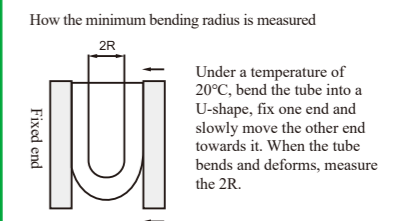
Maximum working pressure chart



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 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

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			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										
LCTUX0212	2×1.2				4															
LCTUX0425	4×2.5				10															
LCTUX0604	6×4				15															
LCTUX0805	8×5				20															
LCTUX1065	10×6.5				30															
LCTUX1208	12×8	Air 0.8	Air 0.65	Air 0.5	35	●	○	●	●	●	●	●	●	●	●	●	●	●	●	○
LCTUX1410	14×10				55															
LCTUX1612	16×12	Water 0.6	Water 0.5	Water 0.4	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															

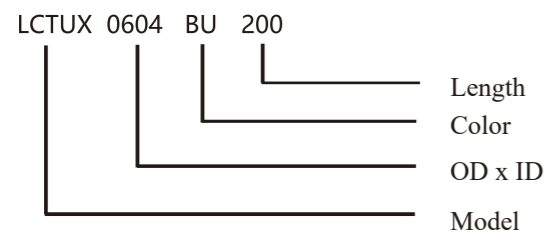
Note: Other sizes, colors can be customized, please contact us.

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 box



Model representation method



Suitable for hose connectors

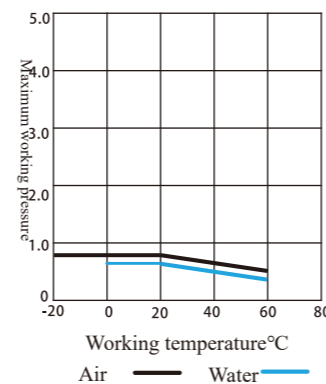
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

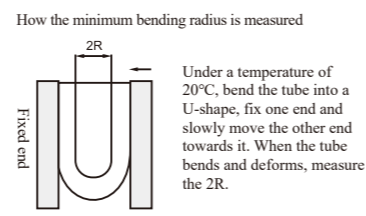
Maximum working pressure chart



Tolerance level

Hose OD	Tolerance
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°C.
  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			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										
LCTUS0425	4×2.5				8															
LCTUS0604	6×4				15															
LCTUS0805	8×5				15															
LCTUS1065	10×6.5				22															
LCTUS1208	12×8				29															
LCTUS1410	14×10	Air 0.6	Air 0.6	Air 0.4	35															
LCTUS1612	16×12	Water 0.6	Water 0.6	Water 0.4	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															

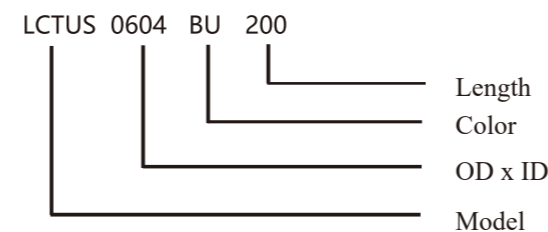
Note: Other sizes, colors can be customized, please contact us.

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

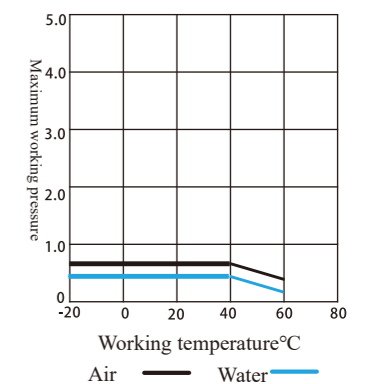
- one-touch fittings, insert fittings, Hose locking connectors (male hose connector)



Working fluid temperature ranges

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

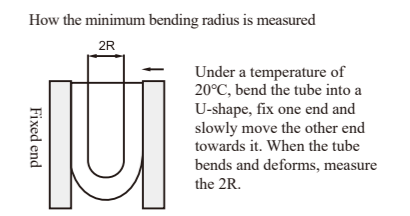
Maximum working pressure chart



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 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

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

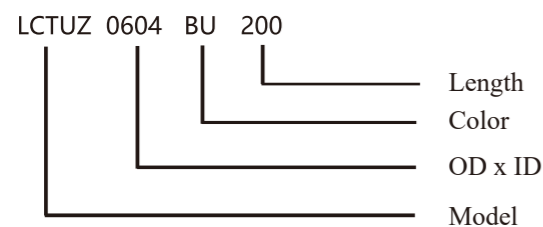
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color											
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear				
		B	W	R		BU	Y	G	GR	C							
LCTUZ0212	2x1.2	Air 0.8	Air 0.65	Air 0.5	4												
LCTUZ0425	4x2.5				10												
LCTUZ0604	6x4				15												
LCTUZ0805	8x5				20												
LCTUZ1065	10x6.5				27												
LCTUZ1208	12x8				35												
LCTUZ1410	14x10				40	●	○	●	●	●	●	●	●	○			
LCTUZ1612	16x12				45												
LCTUZ 1/8"	3.18x2				Water 0.6	Water 0.5	Water 0.4	10									
LCTUZ 3/16"	4.76x3.18							15									
LCTUZ 1/4"	6.35x4.23	23															
LCTUZ 3/8"	9.53x6.35	27															
LCTUZ 1/2"	12.7x8.46	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

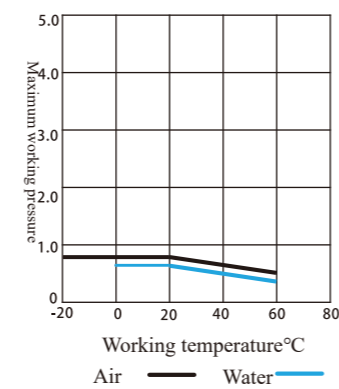
- one-touch fittings, insert fittings, miniature fittings, male hose fittings



Working fluid temperature ranges

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

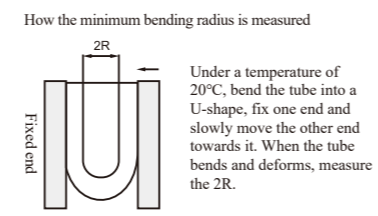
Maximum working pressure chart



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 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

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

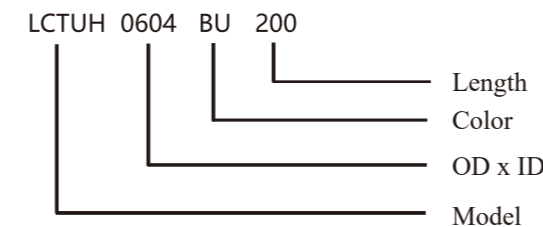
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color											
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear				
		B	W	R		BU	Y	G	GR	C							
LCTUH0212	2x1.2	Air 1.2	Air 1.0	Air 0.6	4												
LCTUH0425	4x2.5				10												
LCTUH0604	6x4				15												
LCTUH0805	8x5				20												
LCTUH1065	10x6.5				27												
LCTUH1208	12x8				35												
LCTUH1410	14x10				40	●	○	●	●	●	●	●	●	○			
LCTUH1612	16x12				45												
LCTUH 1/8"	3.18x2				Air 1.2	Air 1.0	Air 0.6	10									
LCTUH 3/16"	4.76x3.18							15									
LCTUH 1/4"	6.35x4.23	23															
LCTUH 3/8"	9.53x6.35	27															
LCTUH 1/2"	12.7x8.46	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

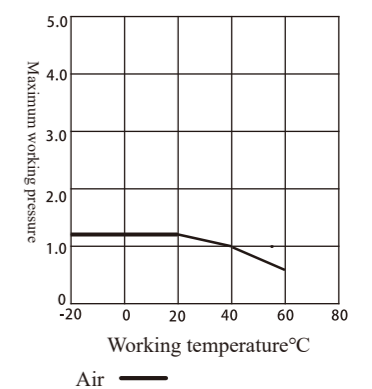
- one-touch fittings, insert fittings, miniature fittings, male hose fittings



Working fluid temperature ranges

Fluids	Working temperature
Air	-40°C ~ +120°C

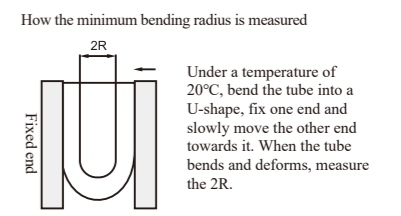
Maximum working pressure chart



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 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

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  $10^4 \sim 10^7 \Omega$ . 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

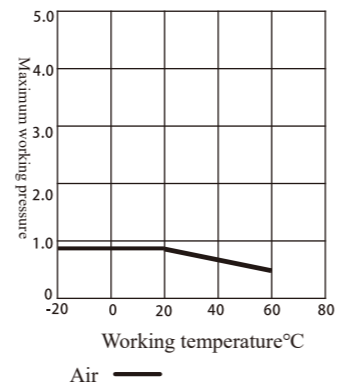
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color											
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear				
		B	W	R		BU	Y	G	GR	C							
LCTAU0425	3×2.5	Air	Air	Air	10												
LCTAU0425	4×2.5				10												
LCTAU0604	6×4				15	●	○	●	●	●	●	●	●	○			
LCTAU0805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



Working fluid temperature ranges

среда использования	Температура рабочей среды
Воздух	-20°C ~ +70°C

Maximum working pressure chart

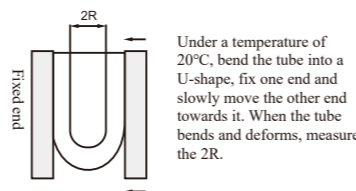


Tolerance level

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

- ★ Attention:
1. This product is mainly suitable for air. 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.

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.



Working fluid temperature ranges

- Not applicable to fluids

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						
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											

Maximum working pressure chart

- Used for vehicle harness protection, not under pressure

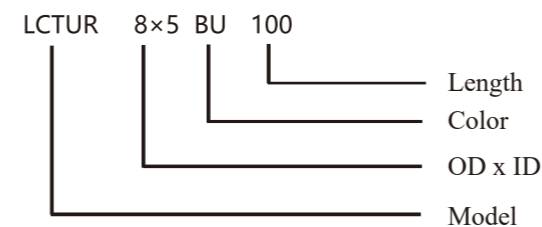
Note: Other sizes, colors can be customized, please contact us.

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



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			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								
LCPFU0425	4x2.5	Air 0.8	Air 0.65	Air 0.5	10													
LCPFU0604	6x4				15													
LCPFU0805	8x5				20													
LCPFU1065	10x6.5				30													
LCPFU1208	12x8				35													
LCPFU1410	14x10				55	●	○	●	●	●	●	●	●	●	●	○		
LCPFU1612	16x12				65													
LCPFU 1/8"	3.18x2				10													
LCPFU 3/16"	4.76x3.18				15													
LCPFU 1/4"	6.35x4.23				23													
LCPFU 3/8"	9.53x6.35				27													
LCPFU 1/2"	12.7x8.46				35													

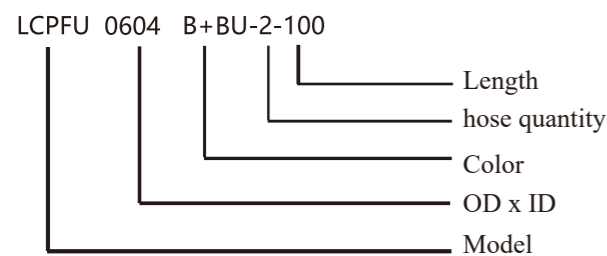
Note: Other sizes, colors can be customized, please contact us.

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

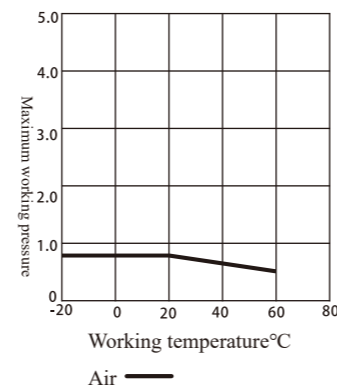
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

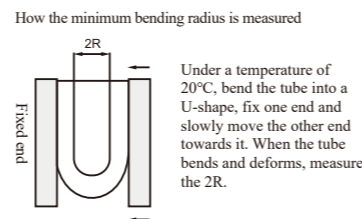
Maximum working pressure chart



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. 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

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			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								
LCTFU0425	4x2.5	Air 0.8 Water 0.6	Air 0.65 Water 0.5	Air 0.5 Water 0.4	10													
LCTFU0604	6x4				15													
LCTFU0805	8x5				20													
LCTFU1065	10x6.5				30													
LCTFU1208	12x8				35													
LCTFU1410	14x10				55	●	○	●	●	●	●	●	●	●	●	○		
LCTFU1612	16x12				65													
LCTFU 1/8"	3.18x2				10													
LCTFU 3/16"	4.76x3.18				15													
LCTFU 1/4"	6.35x4.23				23													
LCTFU 3/8"	9.53x6.35				27													
LCTFU 1/2"	12.7x8.46				35													

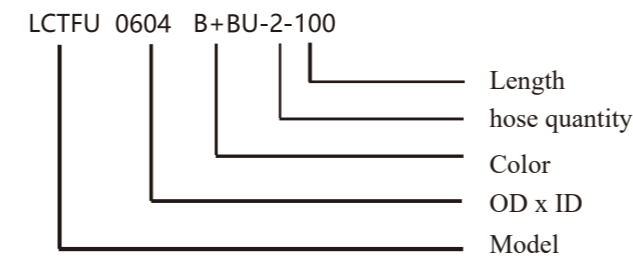
Note: Other sizes, colors can be customized, please contact us.

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

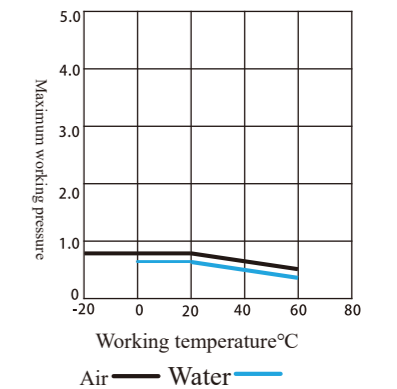
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

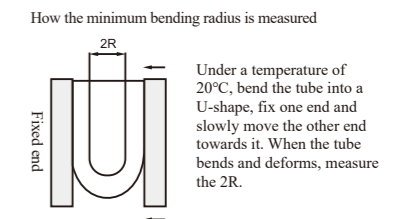
Maximum working pressure chart



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, 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

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			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										
LCTUY0425	4x2.5	Air	Air	Air	10															
0604TUY	6x4				15															
LCTUY0805	8x5				20															
LCTUY1065	10x6.5				30															
LCTUY1208	12x8				35															
LCTUY1410	14x10				0.8	0.65	0.5	55	●	○	-	●	-	-	-	-	-	-	-	
LCTUY1612	16x12				Water	Water	Water	65												
LCTUY 1/8"	3.18x2				0.6	0.5	0.4	10												
LCTUY 3/16"	4.76x3.18							15												
LCTUY 1/4"	6.35x4.23							23												
LCTUY 3/8"	9.53x6.35				27															
LCTUY 1/2"	12.7x8.46				35															

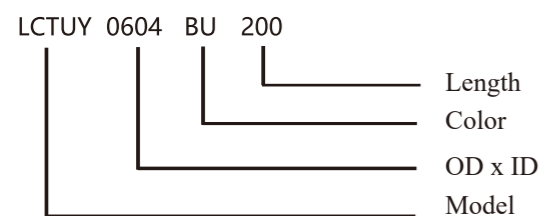
Note: Other sizes, colors can be customized, please contact us.

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

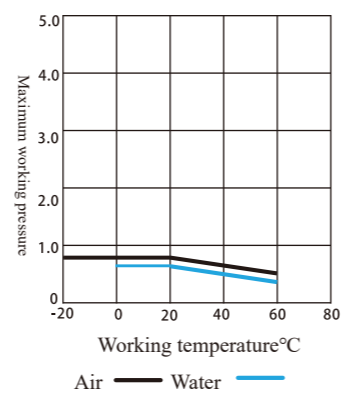
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

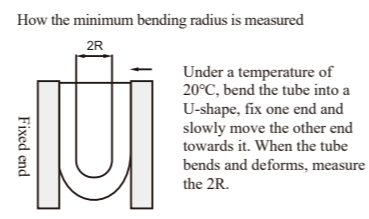
Maximum working pressure chart



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, water. 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

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

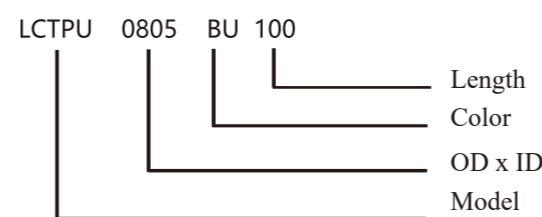
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color													
		20°C	60°C	100°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear						
		B	W	R		BU	Y	G	GR	C									
LCTPU0425	4x2.5	1.0	0.5	0.3	15														
LCTPU0604	6x4				20														
LCTPU0805	8x5				30														
LCTPU0906	9x6				35														
LCTPU1065	10x6.5				40	●	○	●	●	●	●	○							
LCTPU1108	11x8				45														
LCTPU1208	12x8				50														
LCTPU1611	16x11				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

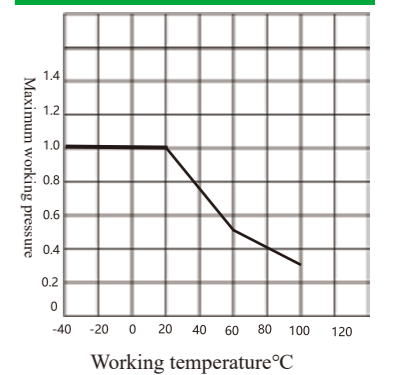
- one-touch fittings



Working fluid temperature ranges

Fluids	Working temperature
Water, air	-20°C ~ +100°C

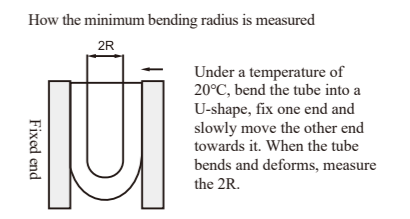
Maximum working pressure chart



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, 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 spiral hose series

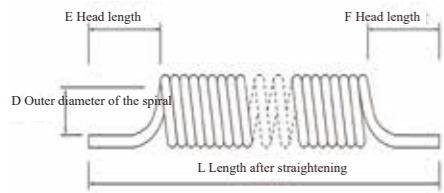
Polyester polyurethane spiral hose LCPCU

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			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				
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									

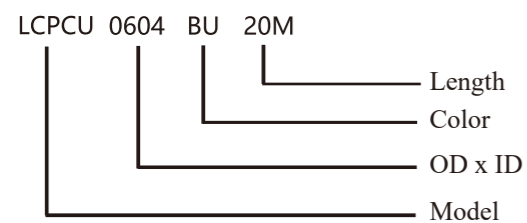


Note: Other sizes, colors can be customized, please contact us.

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

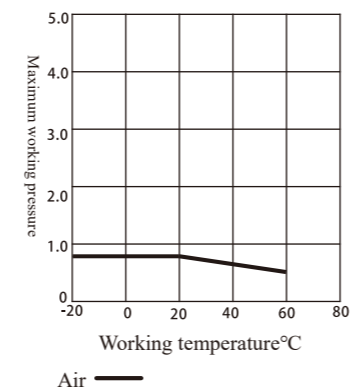
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart

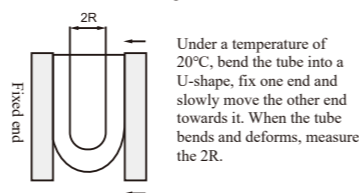


Tolerance level

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 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.

How the minimum bending radius is measured



Polyurethane spiral hose series

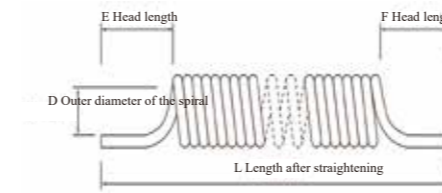
Polyether polyurethane spiral hose LCTCU

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			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				
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									

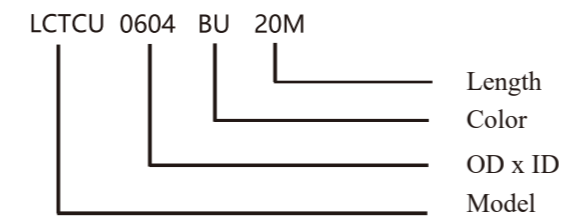


Note: Other sizes, colors can be customized, please contact us.

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

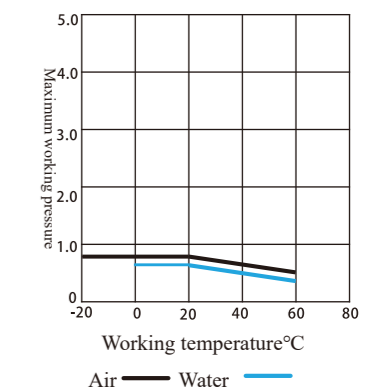
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

Maximum working pressure chart

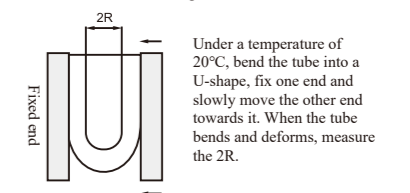


Tolerance level

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



Polyurethane spiral hose series

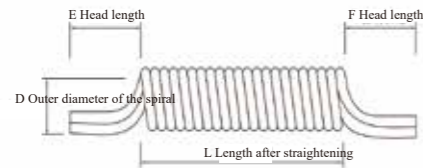
Polyester polyurethane multi-row spiral hose LCPCU

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			Minimum bending radius	Covlor								
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
		Air	Air	Air		B	W	R	BU	Y	G	GR	C	
LCPFCU0425	4×2.5	0.8	0.65	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									

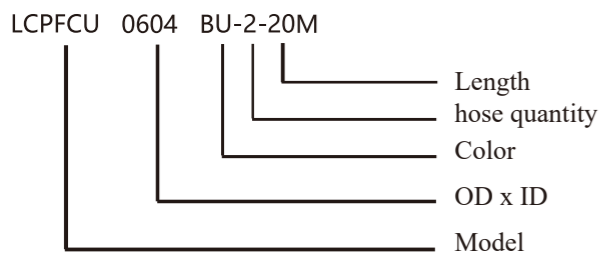


Note: Other sizes, colors can be customized, please contact us.

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

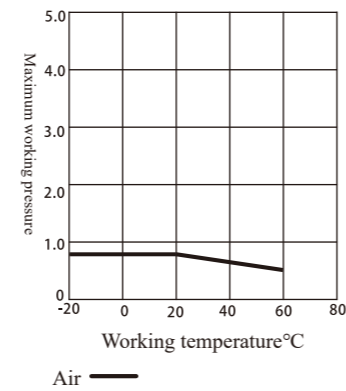
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

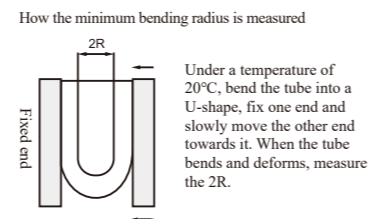
Maximum working pressure chart



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 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 spiral hose series

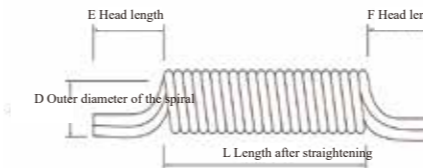
Polyether polyurethane multi-row spiral hose LCTFCU

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			Minimum bending radius	Covlor								
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
		Air	Air	Air		B	W	R	BU	Y	G	GR	C	
LCTFCU0425	4×2.5	0.8	0.65	0.5	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									

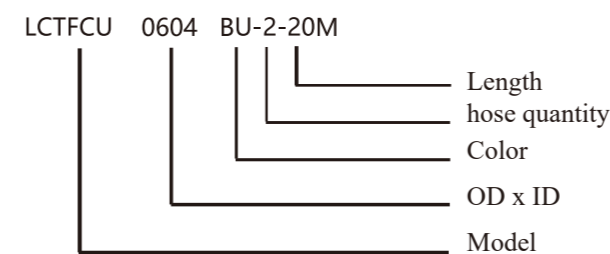


Note: Other sizes, colors can be customized, please contact us.

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

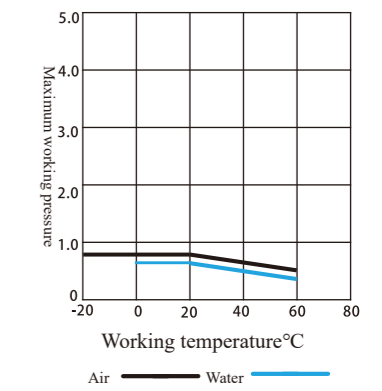
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

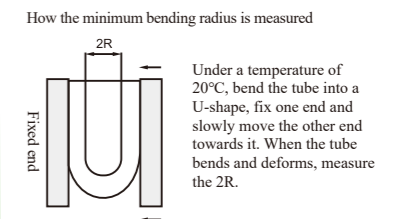
Maximum working pressure chart



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.





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

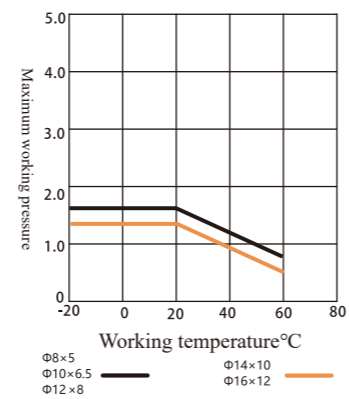
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color								
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
						B	W	R	BU	Y	G	GR	C	
LCYPU0805	8×5	1.6	1.2	0.8	20									
LCYPU1065	10×6.5				30	●	○	●	●	●	●	●	○	
LCYPU1208	12×08				40									
LCYPU1410	14×10	1.4	1.0	0.6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



Working fluid temperature ranges

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

Maximum working pressure chart

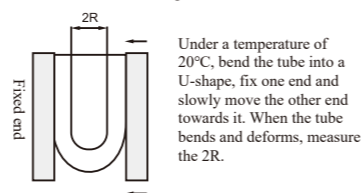


Tolerance level

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

- ★ Attention:
1. This product is mainly suitable for air 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

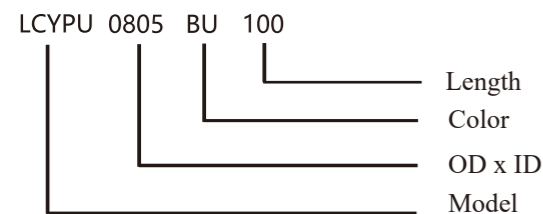


Note: Other sizes, colors can be customized, please contact us.

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

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

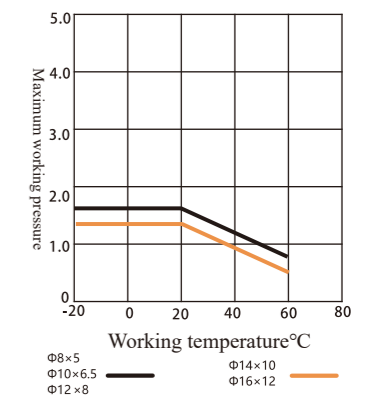
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color							
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear
						B	W	R	BU	Y	G	GR	C
LCYTU0805	8×5	1.6	1.2	0.8	20								
LCYTU1065	10×6.5				30	●	○	●	●	●	●	○	
LCYTU1208	12×08				40								
LCYTU1410	14×10	1.4	1.0	0.6	60	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



Working fluid temperature ranges

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

Maximum working pressure chart

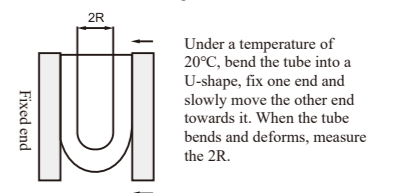


Tolerance level

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

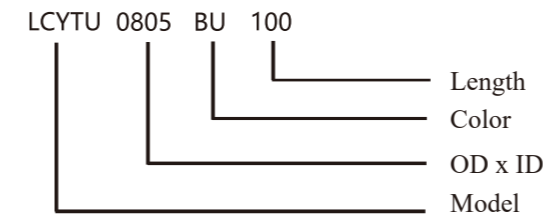


Note: Other sizes, colors can be customized, please contact us.

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

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

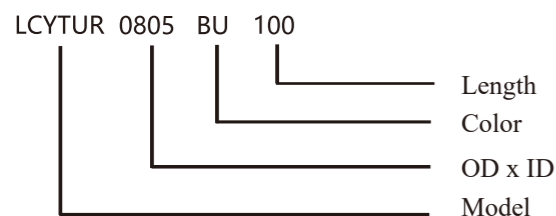
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color									
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear		
						B	W	R	BU	Y	G	GR	C		
LCYTUR 1/4"	12×6.35	1.6	1.2	0.8	65										
LCYTUR 3/8"	15×9.52				75										
LCYTUR 1/2"	19.1×12.5				125	●	○	●	●	●	●	●	●	-	
LCYTUR 5/8"	23×15.8	1.4	1.0	0.6	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/roll
- Packaging: by roll in plastic film protector

Model representation method



Suitable hose connectors

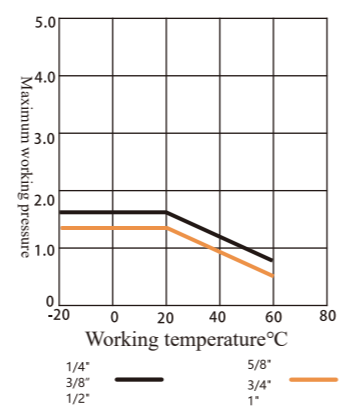
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

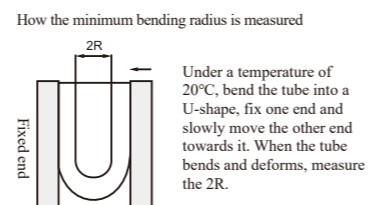
Maximum working pressure chart



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.



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

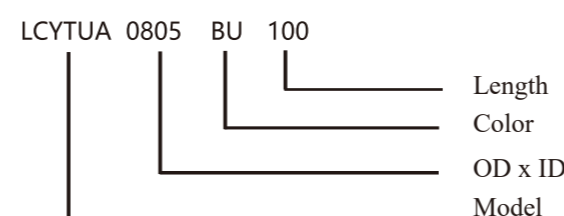
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color								
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
						B	W	R	BU	Y	G	GR	C	
LCYTUA0805	8×5	1.6	1.2	0.8	20									
LCYTUA1065	10×6.5				30									
LCYTUA1208	12×8				40	●	○	●	●	●	●	●	●	-
LCYTUA 1/4"	9.52×6.35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

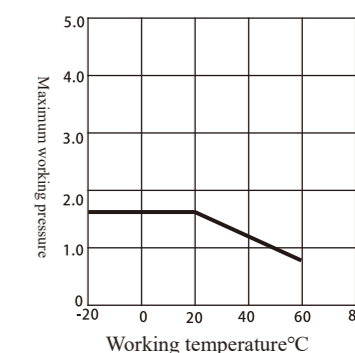
- one-touch fittings, insert fittings, miniature fittings



Working fluid temperature ranges

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

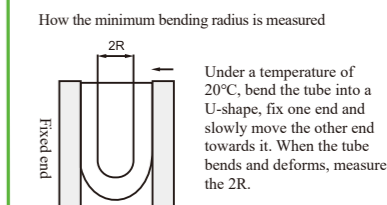
Maximum working pressure chart



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.



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			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							
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															

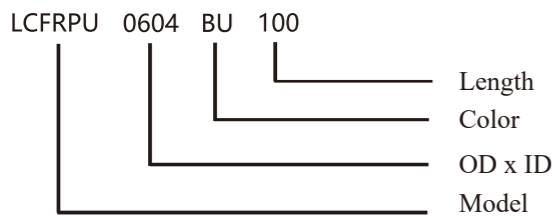
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

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



Model representation method



Suitable hose connectors

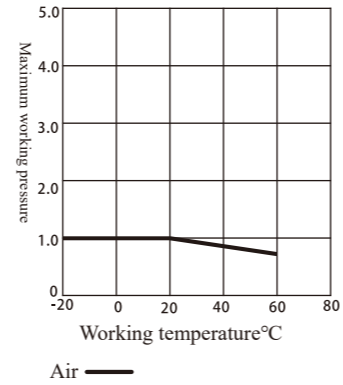
- one-touch fittings



Working fluid temperature ranges

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

Maximum working pressure chart



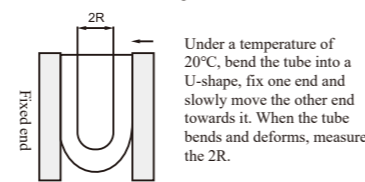
Tolerance level

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:

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			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					
LCFRTU0604	6×4	Air 1.0	Air 0.8	Air 0.6	15										
LCFRTU0805	8×5	20	●	○	●	●	●	●	●	●	●	●	●	-	
LCFRTU1065	10×6.5	30													
LCFRTU1208	12×8	35													

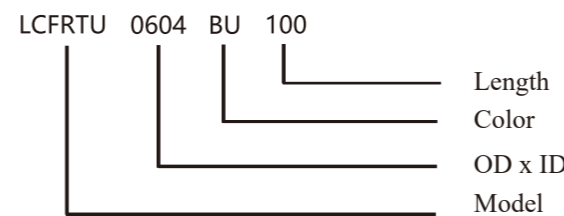
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

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



Model representation method



Suitable hose connectors

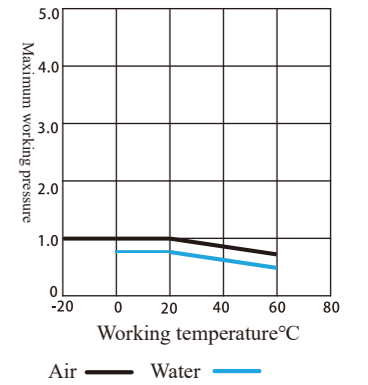
- one-touch fittings



Working fluid temperature ranges

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

Maximum working pressure chart



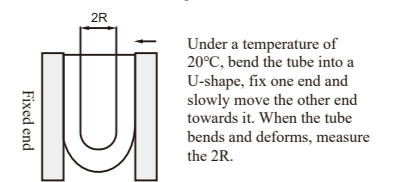
Tolerance level

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 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	Wall Thick	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	4x2.5	1	Air 1.0	Air 0.8	Air 0.6	10															
LCFRU0604	6x4	1				15															
LCFRU0805	8x5	1				20															
LCFRU1065	10x6.5	1				30															
LCFRU1208	12x8	1				35															
LCFRU1410	14x10	1				55	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●
LCFRU1612	16x12	1				65	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●
LCFRU 1/8"	3.18x2	1				10															
LCFRU 3/16"	4.76x3.18	1				15															
LCFRU 1/4"	6.35x4.23	1				23															
LCFRU 3/8"	9.53x6.35	1				27															
LCFRU 1/2"	12.7x8.46	1				35															

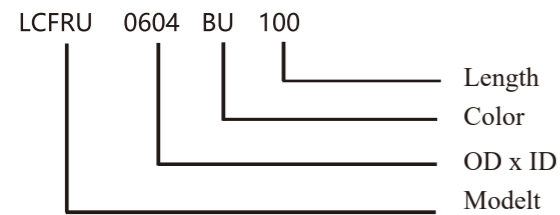
Note: Other sizes, colors can be customized, please contact us.

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

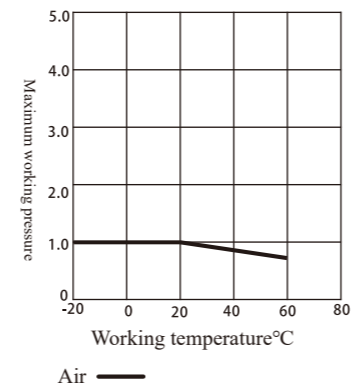
- one-touch fittings



Working fluid temperature ranges

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

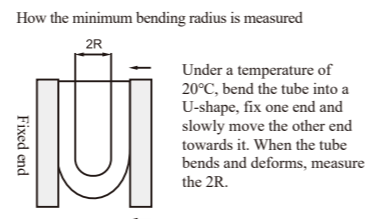
Maximum working pressure chart



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.



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	Wall Thick	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	4x2.5	1	Air 1.0	Air 0.8	Air 0.6	10															
LCTRBU0604	6x4	1				15															
LCTRBU0805	8x5	1				20															
LCTRBU1065	10x6.5	1				30															
LCTRBU1208	12x8	1				35															
LCTRBU1410	14x10	1				55	●	○	●	●	●	●	●	●	●	●	●	●	●	●	●
LCTRBU1612	16x12	1				65	●	○	●	●	●	●	●	●	●	●	●	●	●	●	
LCTRBU 1/8"	3.18x2	1				10															
LCTRBU 3/16"	4.76x3.18	1				15															
LCTRBU 1/4"	6.35x4.23	1				23															
LCTRBU 3/8"	9.53x6.35	1				27															
LCTRBU 1/2"	12.7x8.46	1				35															

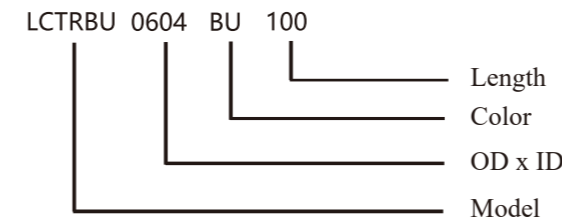
Note: Other sizes, colors can be customized, please contact us.

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

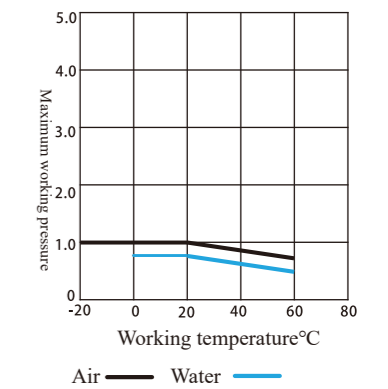
- one-touch fittings



Working fluid temperature ranges

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

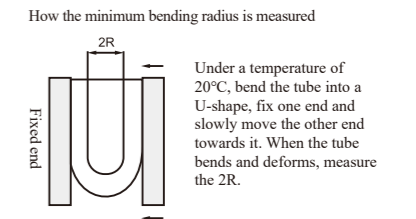
Maximum working pressure chart



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.



Flame retardant series:

FR double-layer flame retardant hose LCTRBU

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°C	40°C	60°C		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	0.6	8													
LCTRBUX0425	4×2.5				10													
LCTRBUX0604	6×4				15													
LCTRBUX0805	8×5	Air 0.9 Water 0.7	Air 0.7 Water 0.5	0.5	20													
LCTRBUX1065	10×6.5				30													
LCTRBUX1075	10×7.5				35													
LCTRBUX1285	12×8.5	Air 1.0 Water 0.8	Air 0.8 Water 0.6	0.6	35	●	○	●	●	●	●	●	●	●	●	-		
LCTRBUX 1/8"	3.18×2				10													
LCTRBUX 3/16"	4.76×3.18				15													
LCTRBUX 1/4"	6.35×4.23	Air 1.0 Water 0.8	Air 0.8 Water 0.6	0.6	23													
LCTRBUX 3/8"	9.53×6.35				27													
LCTRBUX 1/2"	12.7×8.46				35													

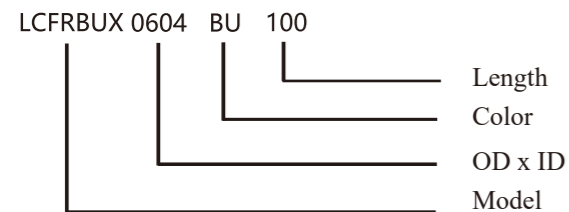
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

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



Model representation method



Suitable hose connectors

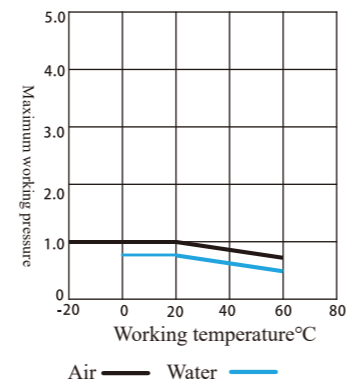
- FR one-touch pipe joints, metal one-touch pipe joints, push-on connector



Working fluid temperature ranges

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

Maximum working pressure chart

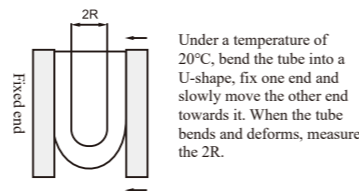


Tolerance level

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 LCTRTRU

Features and Applications

- Fluid: Air
- Features: aluminum film 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 spark condition caused by arc welding (electrical welding)

Series table

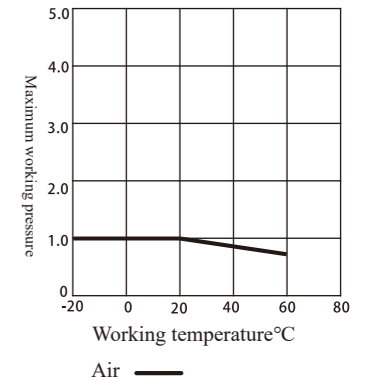
Model	OD x ID	Outer layer thickness	Maximum working pressure			Minimum bending radius	Color												
			20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear					
							B	W	R	BU	Y	G	GR	C					
LCTRTRU0425	4×2.5	1	Air 1.0 Air 0.8 Air 0.6	Air 0.8 Air 0.6	Air 0.6 Air 0.4	40													
LCTRTRU0604	6×4	1				50													
LCTRTRU0805	8×5	1				60	●	○	●	●	●	●	●	●	●	●	●	-	
LCTRTRU1065	10×6.5	1				70													
LCTRTRU1208	12×8	1				80													



Working fluid temperature ranges

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

Maximum working pressure chart

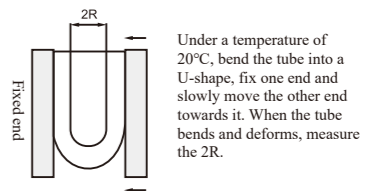


Tolerance level

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



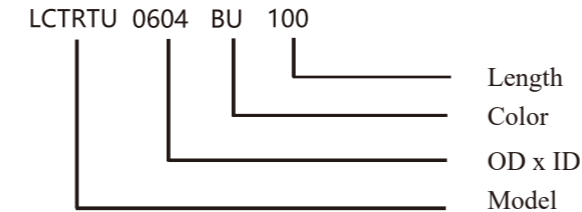
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

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



Model representation method



Suitable hose connectors

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

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			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				
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												

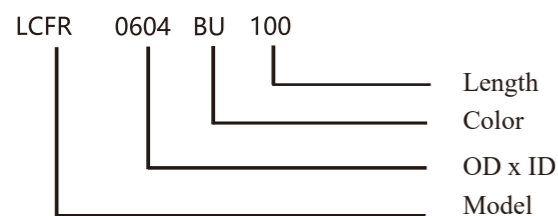
Note: Other sizes, colors can be customized, please contact us.

Material, length, packaging

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



Model representation method



Suitable hose connectors

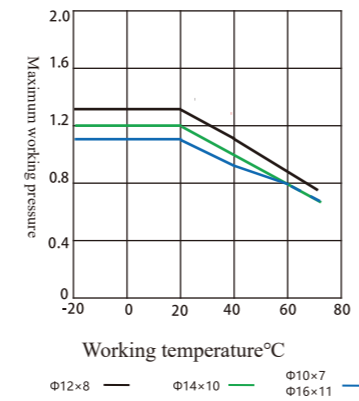
- FR one-touch fitting, metal one-touch fitting



Working fluid temperature ranges

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

Maximum working pressure chart

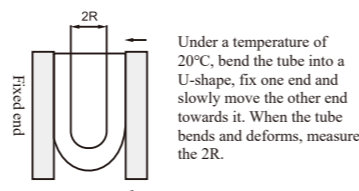


Tolerance level

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.

How the minimum bending radius is measured



Flame retardant series:

Nylon single-layer flame retardant hose LCTRA

Features and Applications

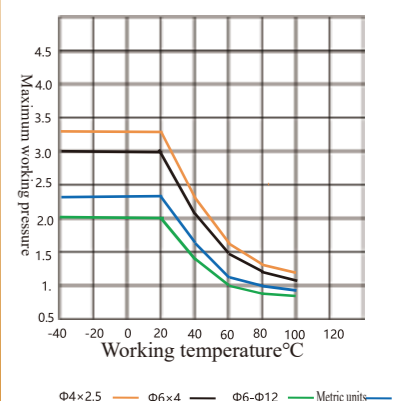
- Fluid: Air, water, perfluoro (AFFF), heptafluoropropane (HFC-227ea, or FM-200)
- Features: great shock and wear resistances make the product more durable, especially in sparkly situations due to welding. UL94 V-0 level fire retardance
- Application: industrial equipment, welding robot, cooling system,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



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

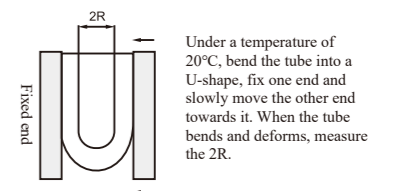


Tolerance level

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



Series table

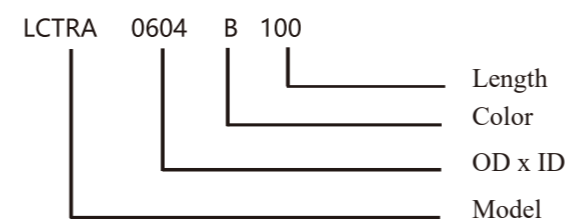
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color											
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear				
						B	W	R	BU	Y	G	GR	C				
LCTRA0425	4×2.5	3.3	2.3	1.65	15												
LCTRA0604	6×4	3.0	2.1	1.5	25												
LCTRA0645	6×4.5				30												
LCTRA0806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

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

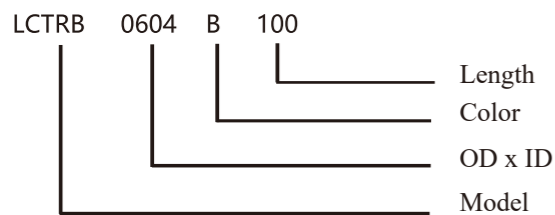
Model	OD x ID	Outer layer thickness	Maximum working pressure			Minimum bending radius	Color													
			20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear						
							B	W	R	BU	Y	G	GR	C						
LCTRB0425	4x2.5	1	2.0	1.4	1.0	15														
LCTRB0604	6x4	1	1.7	1.2	0.8	25														
LCTRB0806	8x6	1				40														
LCTRB1075	10x7.5	1	1.3	0.7	0.6	50	●	○	●	●	●	●	●	●	●	●	●	●		
LCTRB1008	10x8	1				50														
LCTRB1209	12x9	1				60														
LCTRB1210	12x10	1				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

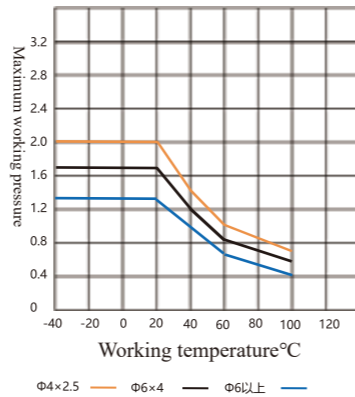
- FR one-touch fitting



Working fluid temperature ranges

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

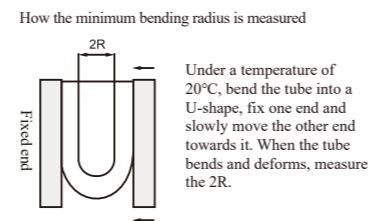
Maximum working pressure chart



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.



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

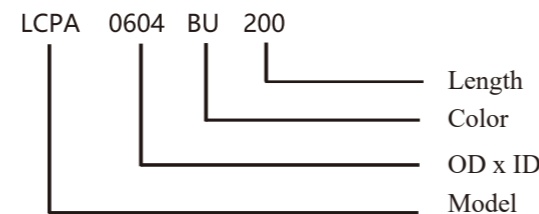
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color														
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear							
						B	W	R	BU	Y	G	GR	C							
LCPA0402	4x2	3.5	2.6	2.0	20															
LCPA0425	4x2.5	3.2	2.3	1.65	20															
LCPA0604	6x4	2.0	1.4	1.0	30															
LCPA0806	8x6				40															
LCPA1065	10x6.5				50															
LCPA1075	10x7.5				50															
LCPA1209	12x9				60															
LCPA1210	12x10	55																		
LCPA 1/8"	3.18x2.18	2.3	1.6	1.2	20															
LCPA 3/16"	4.76x3.18				30															
LCPA 1/4"	6.35x4.23				40															
LCPA 3/8"	9.53x6.35				50															
LCPA 1/2"	12.7x8.46				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

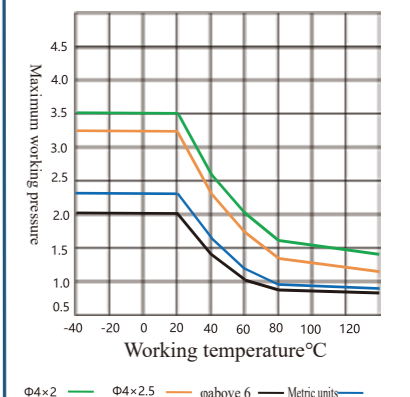
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

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

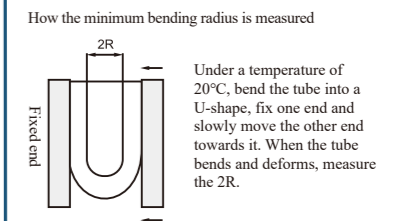
Maximum working pressure chart



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.



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

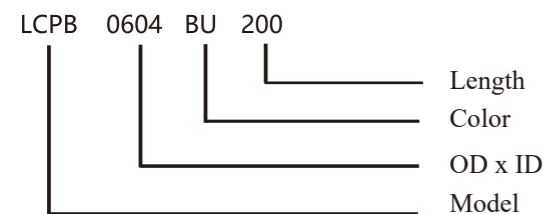
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color														
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear							
		B	W	R		BU	Y	G	GR	C										
LCPB0402	4×2	3.5	2.6	2.0	20															
LCPB0425	4×2.5	3.2	2.3	1.65	20															
LCPB0604	6×4	2.0	1.4	1.0	30															
LCPB0806	8×6				40															
LCPB1065	10×6.5				50															
LCPB1075	10×7.5				50															
LCPB1209	12×9				60															
LCPB1210	12×10	55																		
LCPB 1/8"	3.18×2.18	2.3	1.6	1.2	20															
LCPB 3/16"	4.76×3.18				30															
LCPB 1/4"	6.35×4.23				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

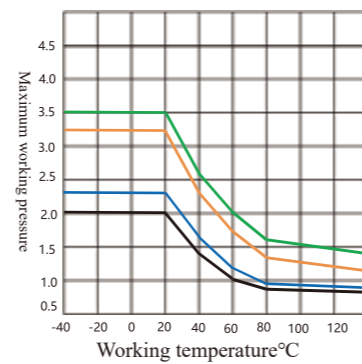
- one-touch fitting, tube fitting, insert fitting, miniature fitting



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



φ4×2 — φ4×2.5 — φabove 6 — Metric units

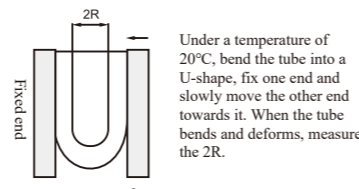
Tolerance level

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

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

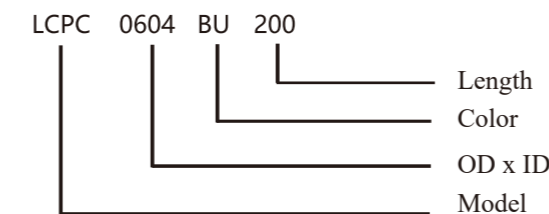
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color														
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear							
		B	W	R		BU	Y	G	GR	C										
LCPC0425	4×2.5	2.0	1.4	1.0	15															
LCPC0604	6×4	1.7	1.2	0.85	20															
LCPC0806	8×6	1.3	0.9	0.65	30															
LCPC1075	10×7.5				40															
LCPC1008	10×8				45															
LCPC1209	12×9				60															
LCPC1210	12×10				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	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

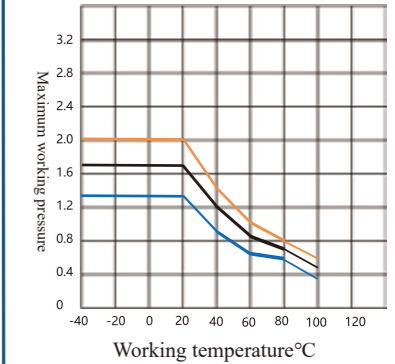
- one-touch fitting, tube fitting, insert fitting, miniature fitting



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



φ4×2.5 — φ6×4 — above 6, and all imperial radii

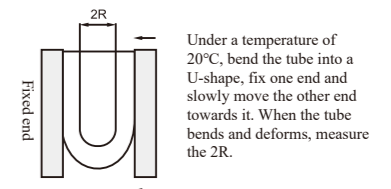
Tolerance level

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

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

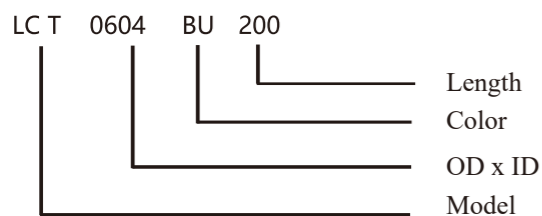
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color												
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear					
		B	W	R		BU	Y	G	GR	C								
LCT0425	4x2.5	3.3	2.3	1.65	15													
LCT0604	6x4	3.0	2.1	1.5	25													
LCT0645	6x4.5				30													
LCT0806	8x6				40													
LCT1075	10x7.5	2.0	1.4	1.0	50													
LCT1209	12x9				60													
LCT1612	16x12				100	●	○	●	●	●	●	●	○					
LCT 1/8"	3.18x2.18				15													
LCT 3/16"	4.76x3.48				25													
LCT 1/4"	6.35x4.23	2.3	1.6	1.15	30													
LCT 3/8"	9.53x6.35				50													
LCT 1/2"	12.7x9.56				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

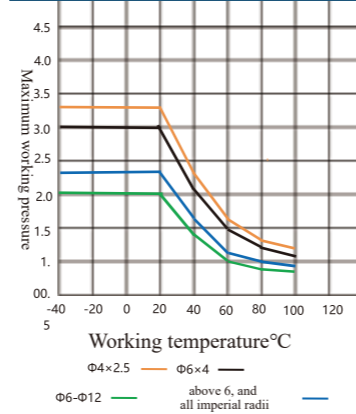
- one-touch fitting, tube fitting, insert fitting, miniature fitting



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



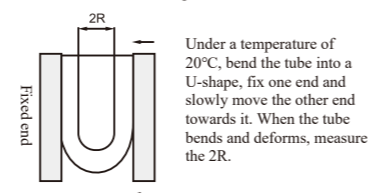
Tolerance level

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

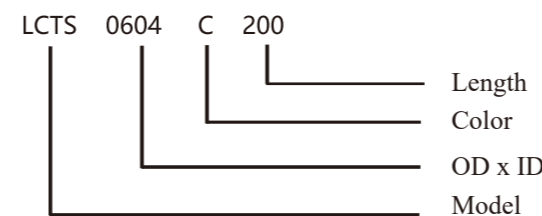
Series table

Model	OD x ID	Maximum working pressure			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								
LCTS0425	4x2.5	2.0	1.4	1.0	13													
LCTS0604	6x4	1.7	1.2	0.85	18													
LCTS0806	8x6				28													
LCTS1075	10x7.5				38													
LCTS1209	12x9	1.3	0.9	0.65	48													
LCTS1612	16x12				80	●	○	●	●	●	●	●	○					
LCTS 1/8"	3.18x2.18				18													
LCTS 3/16"	4.76x3.18				27													
LCTS 1/4"	6.35x4.23	1.3	0.9	0.65	30													
LCTS 3/8"	9.53x6.35				50													
LCTS 1/2"	12.7x8.46				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

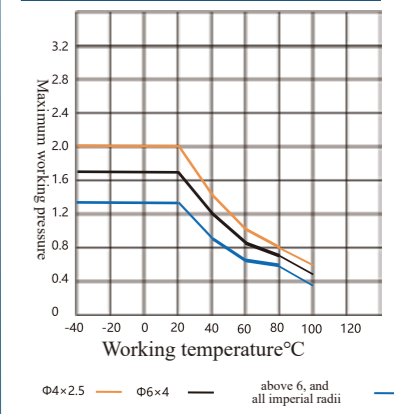
- one-touch fitting, tube fitting, insert fitting, miniature fitting



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



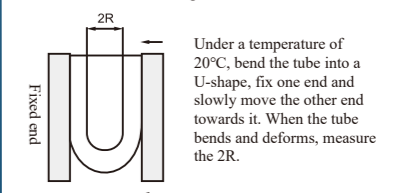
Tolerance level

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 structure, surface resistance 104~107Ω
- Application: Widely used as piping when assembling pneumatic systems

Series table

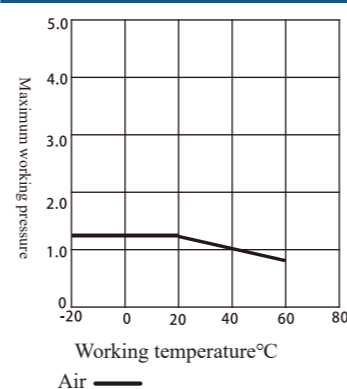
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color														
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear							
		B	W	R		BU	Y	G	GR	C										
LCTAS0425	4x2.5	1.2	1.0	0.8	15															
LCTAS0604	6x4				25															
LCTAS0645	6x4.5				30															
LCTAS0806	8x6				40	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LCTAS1075	10x7.5				50															
LCTAS1209	12x9				60															
LCTAS1612	16x12				100															



Working fluid temperature ranges

Fluids	Working temperature
Air	-30°C ~ +100°C

Maximum working pressure chart

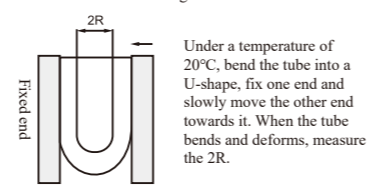


Tolerance level

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

- ★ Attention:
1. The minimum bending radius is measured at a temperature of 20°C.
  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 pressure



- 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	6x4	90°C±10°C, 120°C±10°C	35														
LCTPA0806	8x6	150°C±10°C, 170°C±10°C	60			●											

Working fluid temperature ranges

Product ruptures at the set rupture temperature

Maximum working pressure chart

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

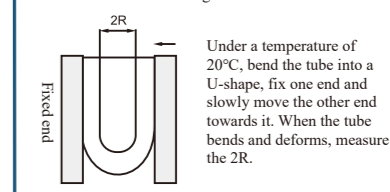
- LCTPA0806:  
Static pressure action temperature 170°C±10°C  
Water rupture pressure ≥ 9MPa  
Melting point 200°C±10°C

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°C.
  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

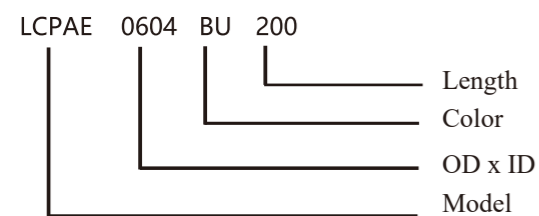
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color														
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear							
		B	W	R		BU	Y	G	GR	C										
LCPAE0402	4×2	3.5	2.6	2.0	20															
LCPAE0425	4×2.5	3.2	2.3	1.65	20															
LCPAE0604	6×4	2.0	1.4	1.0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

Model representation method



Suitable hose connectors

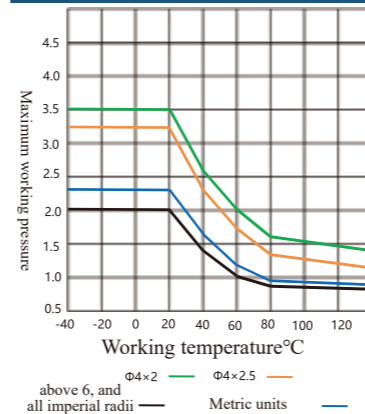
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

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

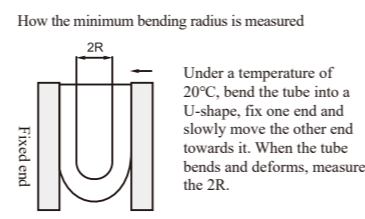
Maximum working pressure chart



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

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

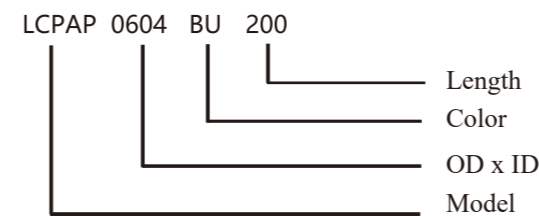
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color														
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear							
		B	W	R		BU	Y	G	GR	C										
LCPAP0425	4×2.5	2.0	1.4	1.0	15															
LCPAP0604	6×4	1.7	1.2	0.85	20															
LCPAP0806	8×6	1.3	0.9	0.65	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	1.3	0.9	0.65	20															
LCPAP 3/16"	4.76×3.18				30															
LCPAP 1/4"	6.35×4.23				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

Model representation method



Suitable hose connectors

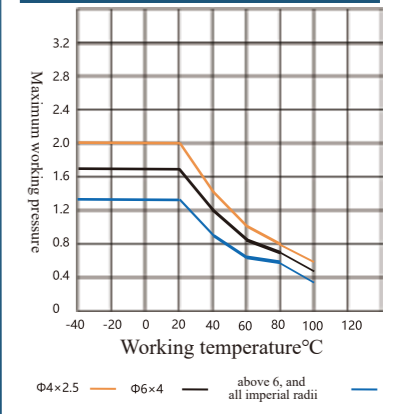
- one-touch fitting, tube fitting, insert fitting, miniature fitting



Working fluid temperature ranges

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

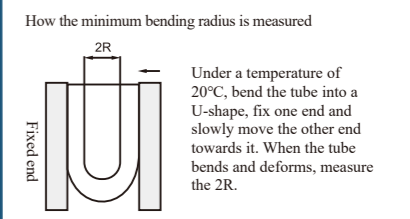
Maximum working pressure chart



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

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

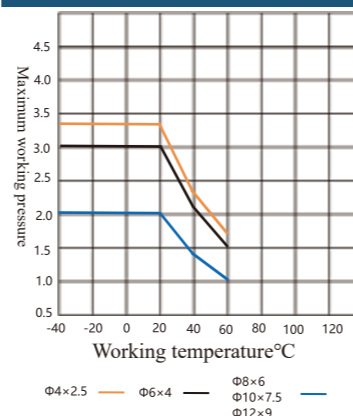
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color												
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear					
		B	W	R		BU	Y	G	GR	C								
LCTX0425	4x2.5	3.3	2.3	1.65	13													
LCTX0604	6x4	3.0	2.1	1.5	24													
LCTX0806	8x6				40	●	○	-	-	-	-	-	-	-	-	-	-	-
LCTX1075	10x7.5	2.0	1.4	1.0	50													
LCTX1209	12x9				60													



Working fluid temperature ranges

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

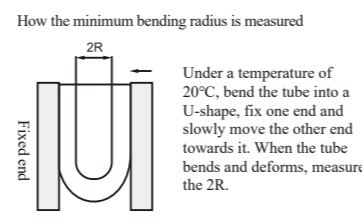
Maximum working pressure chart



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 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

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

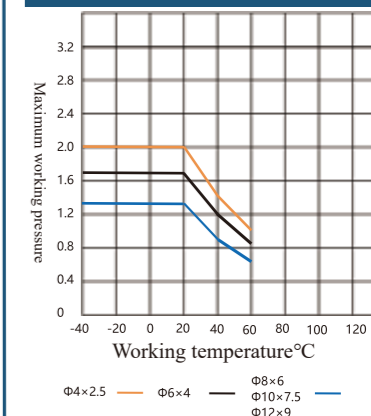
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color												
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear					
		B	W	R		BU	Y	G	GR	C								
LCTSX0425	4x2.5	2.0	1.4	1.0	15													
LCTSX0604	6x4	1.7	1.2	0.85	23													
LCTSX0806	8x6				45	-	○	-	-	-	-	-	-	-	-	-	-	-
LCTSX1075	10x7.5	1.3	0.9	0.65	55													
LCTSX1209	12x9				65													



Working fluid temperature ranges

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

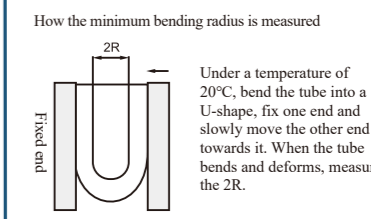
Maximum working pressure chart



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 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 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

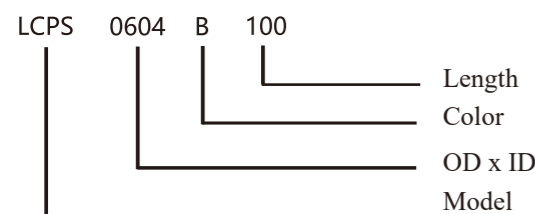
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color														
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear							
						B	W	R	BU	Y	G	GR	C							
LCPS0425	4×2.5	2.0	1.4	1.0	15															
LCPS0604	6×4	1.7	1.2	0.85	20															
LCPS0806	8×6	1.3	0.9	0.65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

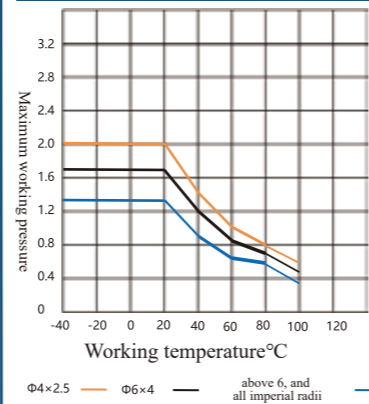
- one-touch fitting



Working fluid temperature ranges

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

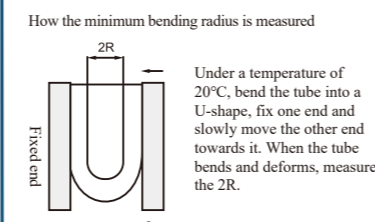
Maximum working pressure chart



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.



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

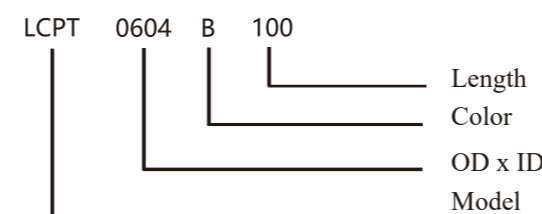
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color														
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear							
						B	W	R	BU	Y	G	GR	C							
LCPT0425	4×2.5	2.0	1.4	1.0	15															
LCPT0604	6×4	1.7	1.2	0.85	20															
LCPT0806	8×6	1.3	0.9	0.65	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

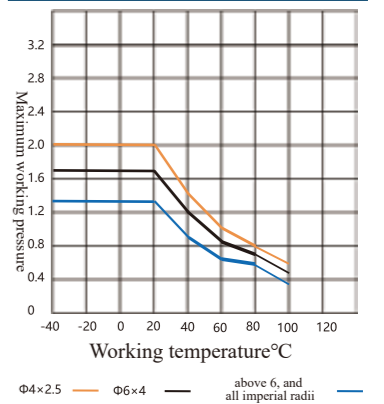
- one-touch fitting



Working fluid temperature ranges

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

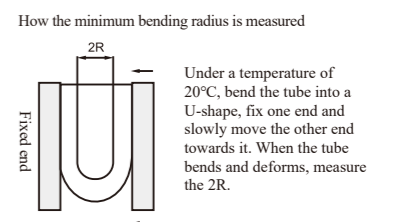
Maximum working pressure chart



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.



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: pneumatic equipment, automation equipment, industrial processing, automobile production, etc.

Series table

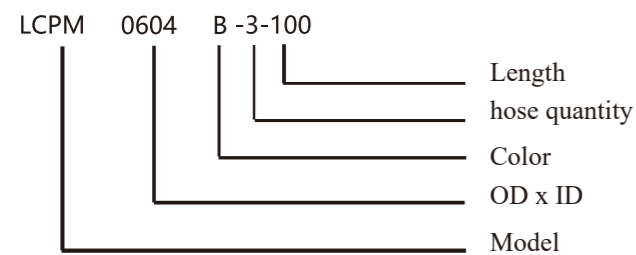
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color															
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear								
						B	W	R	BU	Y	G	GR	C								
LCPM0425	4×2.5	2.0	1.4	1.0	15																
LCPM0604	6×4	1.7	1.2	0.85	20																
LCPM0806	8×6	1.3	0.9	0.65	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

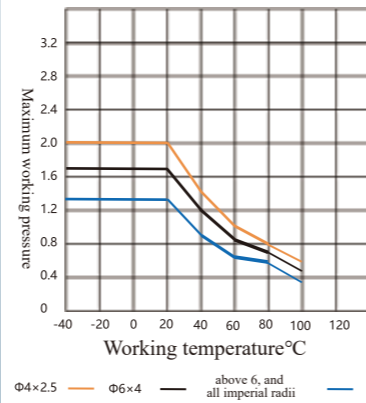
- one-touch fitting (multi-connector)



Working fluid temperature ranges

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

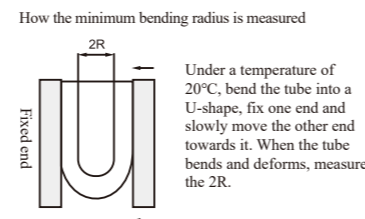
Maximum working pressure chart



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

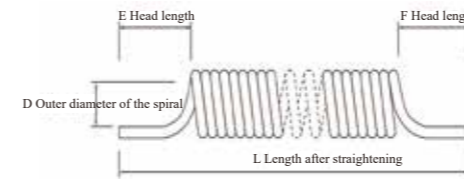
Nylon spiral hose LCPCA

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													
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear						
						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	40																	
LCPCA 3/8"	9.53×6.35	60																	
LCPCA 1/2"	12.7×8.46	70																	

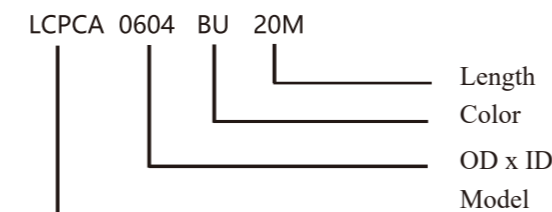


Note: Other sizes, colors can be customized, please contact us.

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

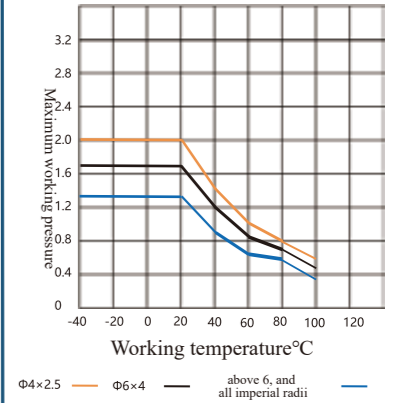
- one-touch fitting, insert fitting, miniature fitting



Working fluid temperature ranges

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

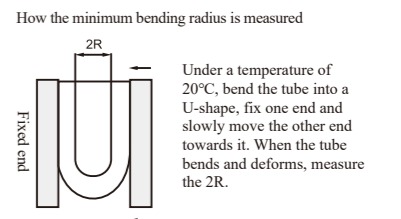
Maximum working pressure chart



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

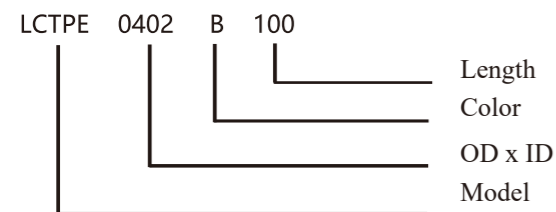
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color											
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear				
		B	W	R		BU	Y	G	GR	C							
LCTPE0402	4x2	2.0	1.4	1.0	13												
LCTPE0425	4x2.5				15												
LCTPE0604	6x4	1.7	1.2	0.85	25	●	○	●	●	●	●	●	●	○			
LCTPE0806	8x6	1.3	0.7	0.6	40												
LCTPE1008	10x8				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

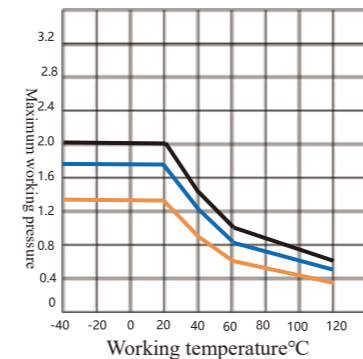
- one-touch fitting



Working fluid temperature ranges

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

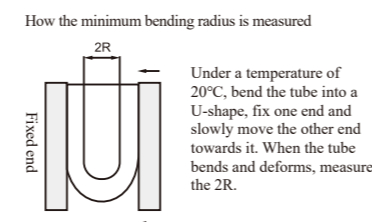
Maximum working pressure chart



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

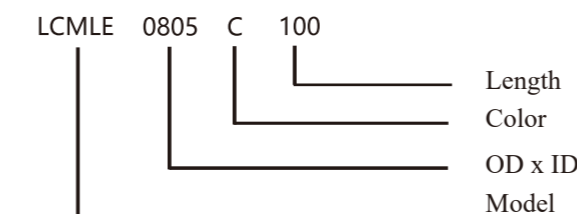
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color											
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear				
		B	W	R		BU	Y	G	GR	C							
LCMLE0425	4x2.5				15												
LCMLE0604	6x4				20												
LCMLE0805	8x5				30												
LCMLE0906	9x6				35	●	○	●	●	●	●	●	○				
LCMLE1065	10x6.5	1.0	0.8	0.6	40												
LCMLE1108	11x8				45												
LCMLE1208	12x8				50												
LCMLE1611	16x11				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

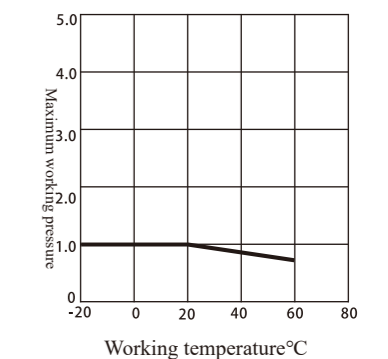
- Insert fitting



Working fluid temperature ranges

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

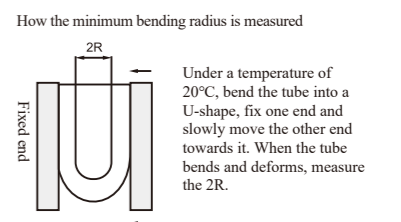
Maximum working pressure chart



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

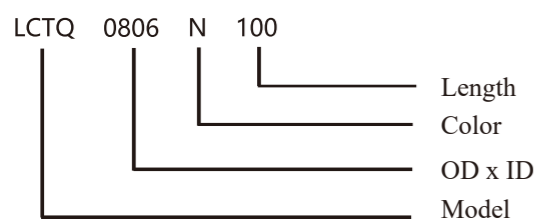
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color			
		20°C	60°C	100°C		Black	Red	Blue	Clear
		B	R	BU		N			
LCTQ0425	4x2.5	2.0	1.1	0.7	4				
LCTQ0604	6x4	1.9	1.0	0.6	9				
LCTQ0806	8x6	1.5	0.7	0.4	26	●	●	●	○
LCTQ1008	10x8	1.1	0.5	0.3	42				
LCTQ1209	12x9	1.2	0.7	0.3	37				

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

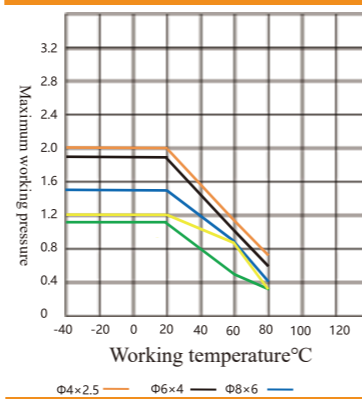
- fluororesin fitting, insert fitting, miniature fitting



Working fluid temperature ranges

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

Maximum working pressure chart

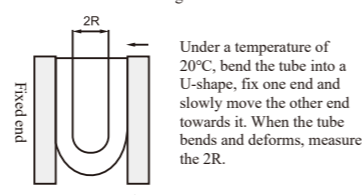


Tolerance level

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.

How the minimum bending radius is measured



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, semiconductors, etc.

Series table

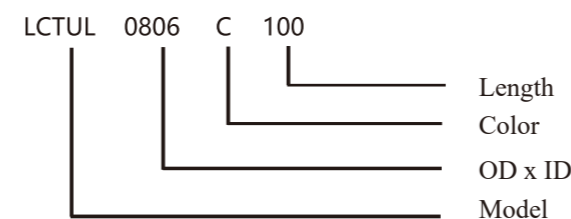
Model	OD x ID	Maximum working pressure			Mini- mum bending radius	Color			
		20°C	40°C	60°C		Black	Red	Blue	Clear
		B	R	BU		N			
LCTUL0425	4x2.5	0.8	0.65	0.5	18				
LCTUL0604	6x4	0.8	0.7	0.5	25				
LCTUL0806	8x6	0.6	0.45	0.35	50	●	●	●	○
LCTUL1008	10x8	0.6	0.45	0.35	60				
LCTUL1209	12x9	0.6	0.45	0.35	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

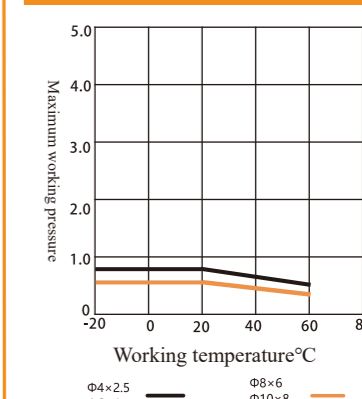
- insert fitting



Working fluid temperature ranges

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

Maximum working pressure chart

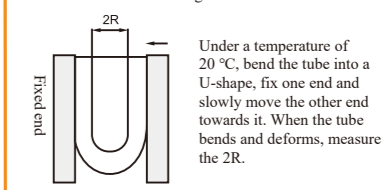


Tolerance level

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 our company.
  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





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

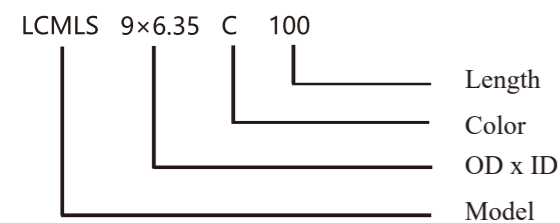
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color								
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
						B	W	R	BU	Y	G	GR	C	
LCMLS 9×6.35	9×6.35	1.4	1.3	1.2	35									
LCMLS 10.5×8	10.5×8				45	●	○	●	●	●	●	●	○	
LCMLS 12.7×9.5	12.7×9.5				60									

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

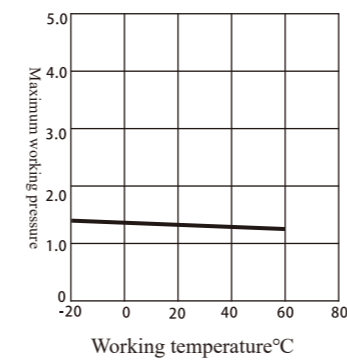
- insert fitting



Working fluid temperature ranges

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

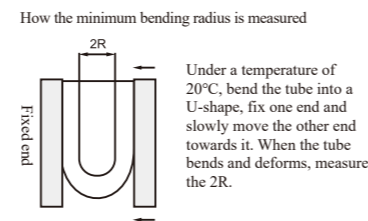
Maximum working pressure chart



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 paint 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

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			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
LCTP 9×6.35	9×6.35	1.4	1.3	1.2	35								
LCTP 10.5×8	10.5×8				45	●	○	●	●	●	●	○	
LCTP 12.7×9.5	12.7×9.5				60								

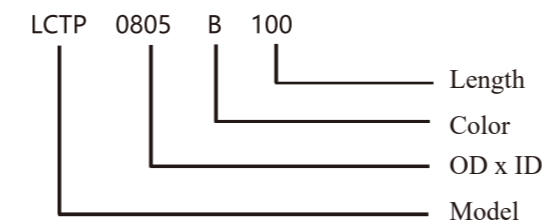
Note 1: The pressure resistance is verified by a strength test.. The product shows no permeations, deformations, or tears under 5mins of constant 2.0 MPa hydraulic pressure.

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

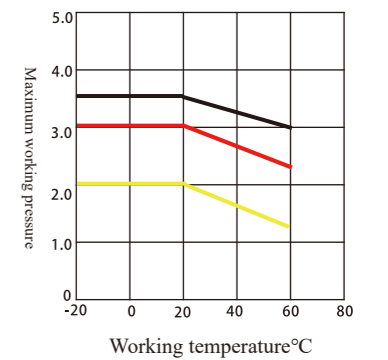
- Quick connect fitting, flanged fitting



Working fluid temperature ranges

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

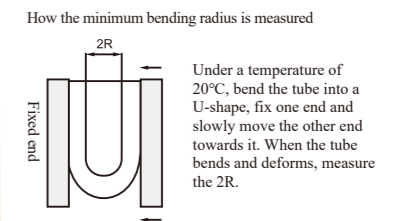
Maximum working pressure chart



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 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°C.
  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 purifiers and such

Series table

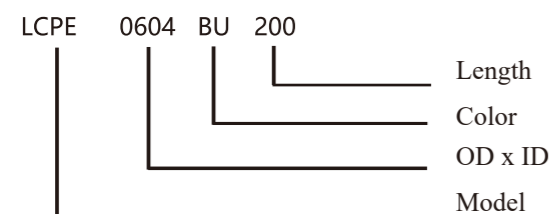
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color												
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear					
		B	W	R		BU	Y	G	GR	C								
LCPE0402	4×2	2.0	1.6	1.0	10													
LCPE0604	6×4	1.4	1.0	0.5	15													
LCPE0806	8×6	0.8	0.6	0.4	20													
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

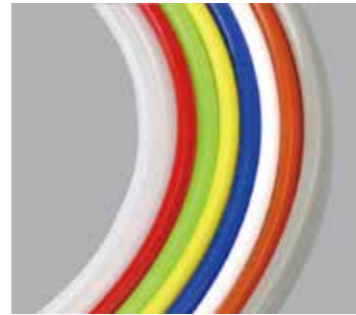
- Material: polyethylene
- Length: 200m/roll (OD 6mm and below), 100m/roll (OD above 6mm)
- Packaging: by roll in plastic film protector, in box, or in spool package

Model representation method



Suitable hose connectors

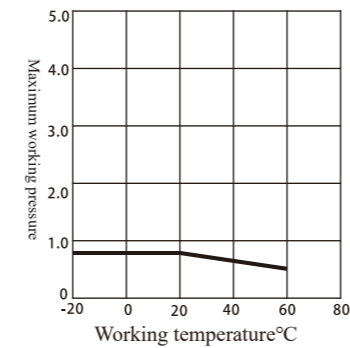
- one-touch fitting



Working fluid temperature ranges

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

Maximum working pressure chart



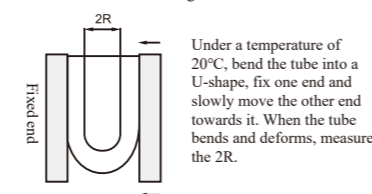
Tolerance level

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.

How the minimum bending radius is measured



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, chemical industry, etc.

Series table

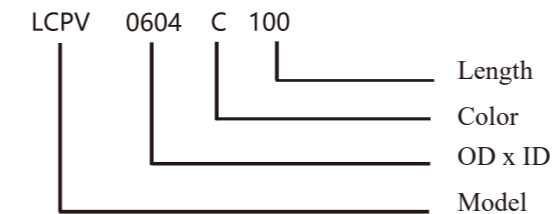
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color												
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear					
		B	W	R		BU	Y	G	GR	C								
LCPV0425	4×2.5	1.0	0.8	0.7	15													
LCPV0604	6×4				20													
LCPV0805	8×5				30													
LCPV0855	8×5.5	0.8	0.65	0.55	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

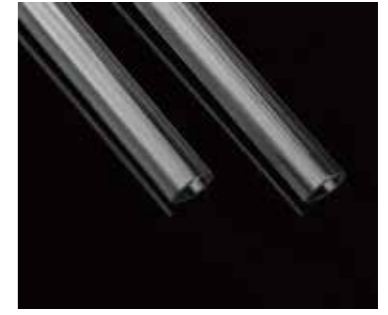
- Material: polyvinyl chloride
- Length: 100m/roll
- Packaging: by roll in plastic film protector, or in customized box

Model representation method



Suitable hose connectors

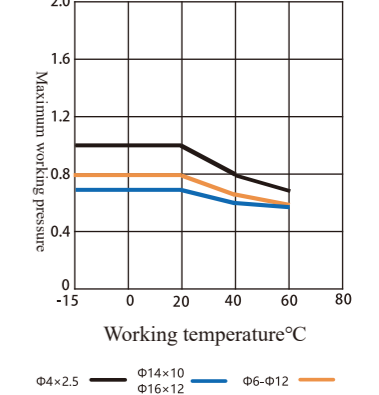
- one-touch fitting



Working fluid temperature ranges

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

Maximum working pressure chart



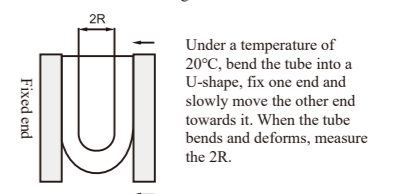
Tolerance level

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.

How the minimum bending radius is measured



PVC series

Food-grade PVC braided hose LCYPV

Features and Applications

- Fluid: Air, other fluids
- Features: plastic-woven 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

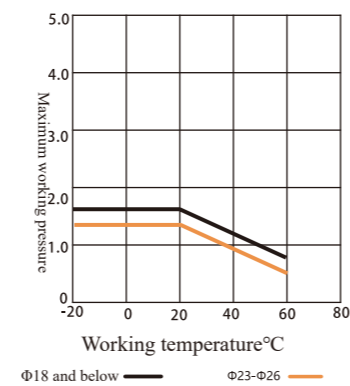
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color									
		20°C	40°C	60°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear		
						B	W	R	BU	Y	G	GR	C		
LCYPV0804	8x4	1.5	0.8	0.4	10										
LCYPV1106	11x6				12										
LCYPV1307	13x7				14										
LCYPV1408	14x8				16										
LCYPV1610	16x10				25										
LCYPV1812	18x12	1.0	0.5	0.3	30										
LCYPV2315	23x15				40										
LCYPV2619	26x19				60										



Working fluid temperature ranges

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

Maximum working pressure chart



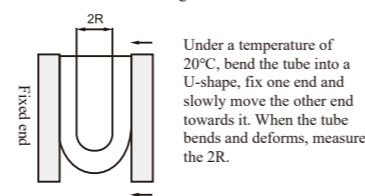
Tolerance level

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.

How the minimum bending radius is measured

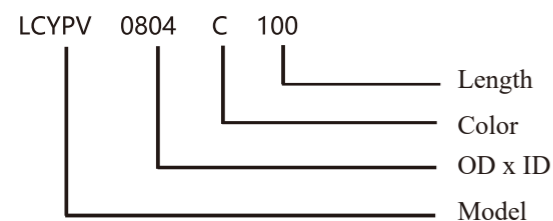


Note: Other sizes, colors can be customized, please contact us.

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

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 storage, petrol equipment, mining industry equipments, and production, etc.

Series table

Model	OD x ID	Maximum working pressure	Minimum bending radius	Color									
				Black	White	Red	Blue	Yellow	Green	Grey	Clear		
				B	W	R	BU	Y	G	GR	C		
LCPVS1208	12x8	0.8-1.0 Mainly used in a negative-pressure environment	20										
LCPVS1510	15x10		35										
LCPVS1610	16x10		60										
LCPVS1813	18x13		95										
LCPVS2216	22x16		100										
LCPVS2419	24x19		100										
LCPVS2619	26x19		150										
LCPVS3225	32x25		165										



Working fluid temperature ranges

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

Maximum working pressure chart

inner diameter (mm)	weight per 100m (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

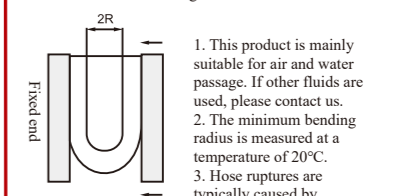
Tolerance level

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.

How the minimum bending radius is measured

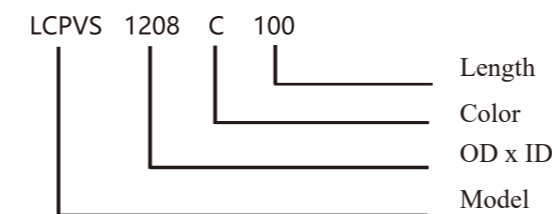


Note: Other sizes, colors can be customized, please contact us.

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

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

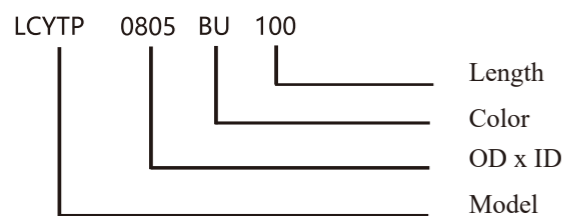
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color								
		20°C	100°C	150°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
						B	W	R	BU	Y	G	GR	C	
LCYTP1005	10×5	1.6	1.2	0.8	30									
LCYTP1408	14×8				60	●	○	●	●	●	●	●	●	-
LCYTP1695	16×9.5				75									

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

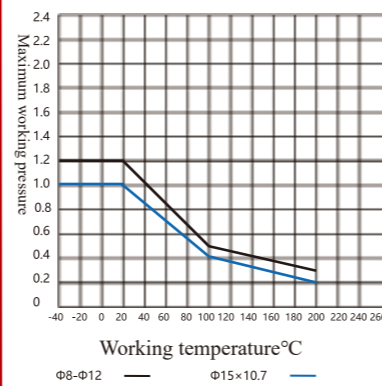
- one-touch fitting, insert fitting, miniature fitting



Working fluid temperature ranges

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

Maximum working pressure chart



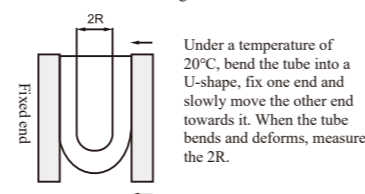
Tolerance level

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

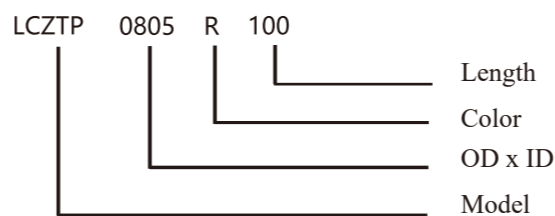
Model	OD x ID	Maximum working pressure			Minimum bending radius	Color								
		20°C	100°C	150°C		Black	White	Red	Blue	Yellow	Green	Grey	Clear	
						B	W	R	BU	Y	G	GR	C	
LCZTP0425	4×2.5	0.8	0.7	0.6	20									
LCZTP0604	6×4	0.9	0.8	0.7	30	●	○	●	●	●	●	●	-	
LCZTP0805	8×5				40									
LCZTP1208	12×8				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

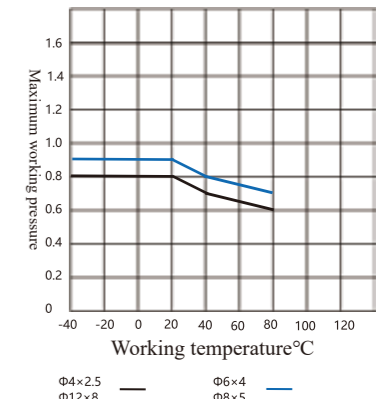
- one-touch fitting, insert fitting, miniature fitting



Working fluid temperature ranges

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

Maximum working pressure chart



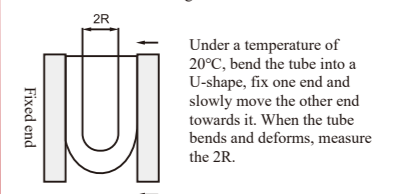
Tolerance level

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



Water gun series

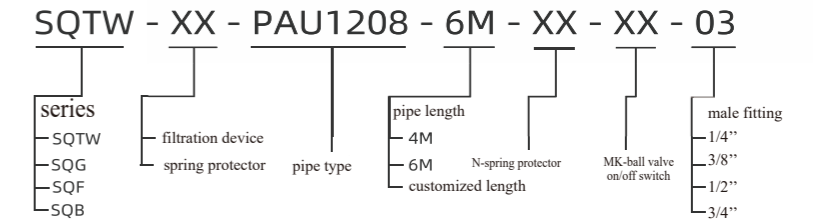
Ordering notices  
Please identify the product, and provide the below :  
1: series code  
2: type of pipe for the gun and the pipe's length  
3: size of the fitting  
4: whether or not filtration device, ball valve, or the spring protector are added on



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.



Water gun series



filtration device / spring protector



pipe type

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



Air gun series

**Machine tool chip blowing device**



**(Slidable Air Nozzle)**

- Turbo air volume
- Widen the range of blowing that iron fillings won't rebound

PN-06 AN-06

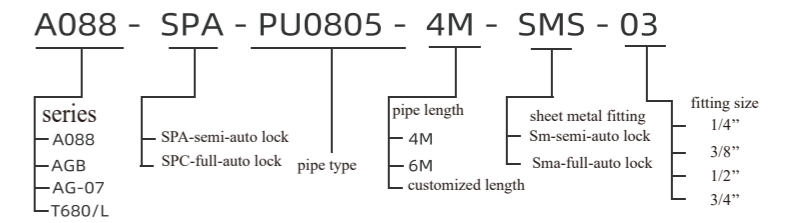



Air gun series

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



|| Air gun series



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

|| fitting sizes and models



SPC-full auto lock SPA-semi auto lock SMA-full auto lock SM-semi auto lock

|| pipe type (blue/black/grey)

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



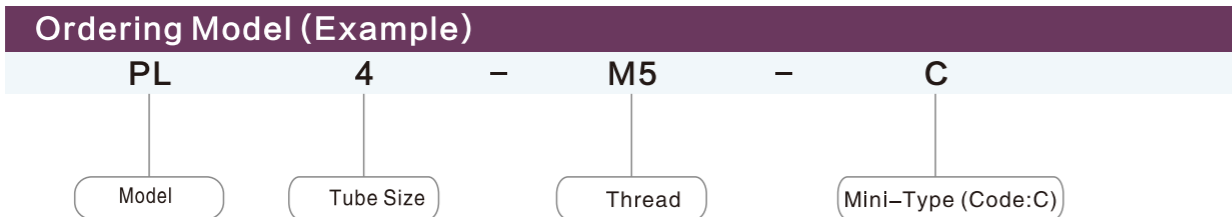
### small-scale pneumatic pipe tools

#### 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 ultra 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
Vacuum Pressure	-100Kpa(10Torr)
Operating Temperature	-10~60℃



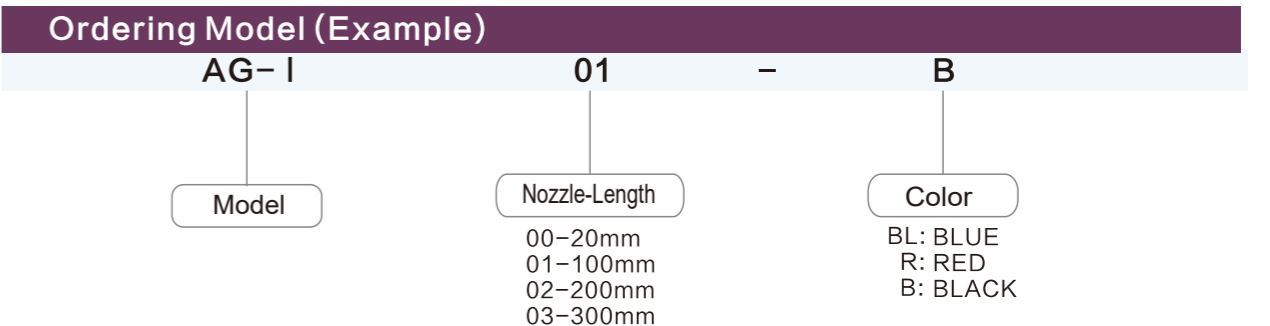
### Air guns, tube cutters, silencers, and quick connect tube fittings

#### 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
Vacuum Pressure	-100Kpa(10Torr)
Operating Temperature	-10~60℃



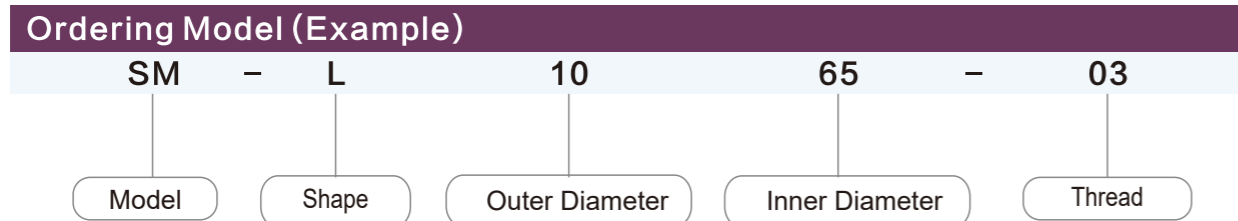
## Combined, lock nut, NK type, and ferrule type fittings

### 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
Vacuum Pressure	-100Kpa(10Torr)
Operating Temperature	-10~60℃



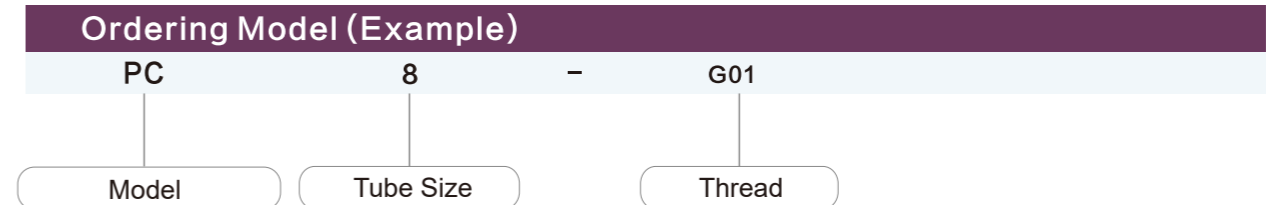
## Quick connect pneumatic tube fittings

### 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(BSP thread) are standard O-ring.



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





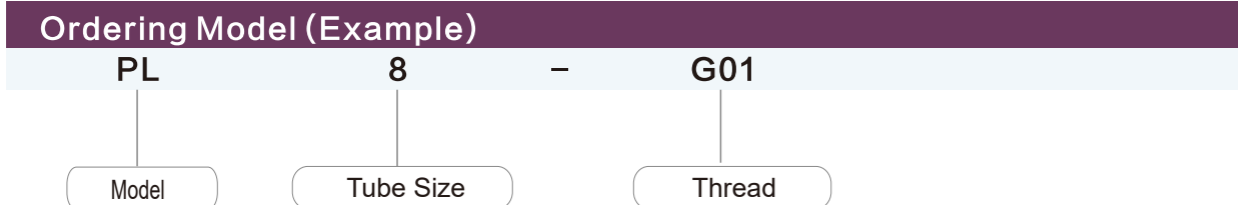
## Quick connect pneumatic tube fittings II

### 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
Vacuum Pressure	-100Kpa(10Torr)
Operating Temperature	-10~60℃



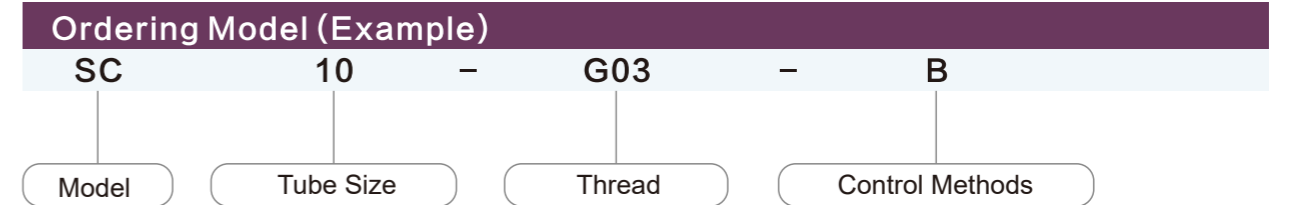
## valve type fittings

### 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
Vacuum Pressure	-100Kpa(10Torr)
Operating Temperature	-10~60℃



A: Exhaust Throttle Control Word OUT or 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

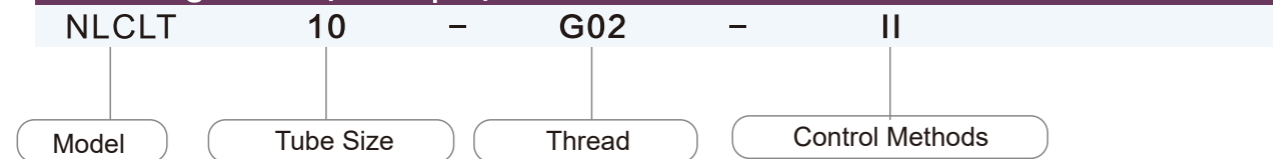
### Product features

- 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
Vacuum Pressure	-100Kpa(10Torr)
Operating Temperature	-10~60℃

### Ordering Model (Example)



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

## stainless steel fittings

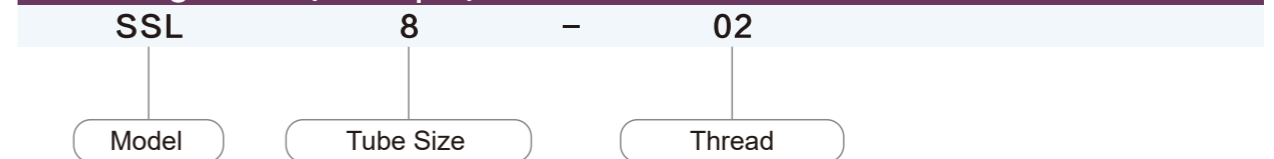
### Product features

- 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.

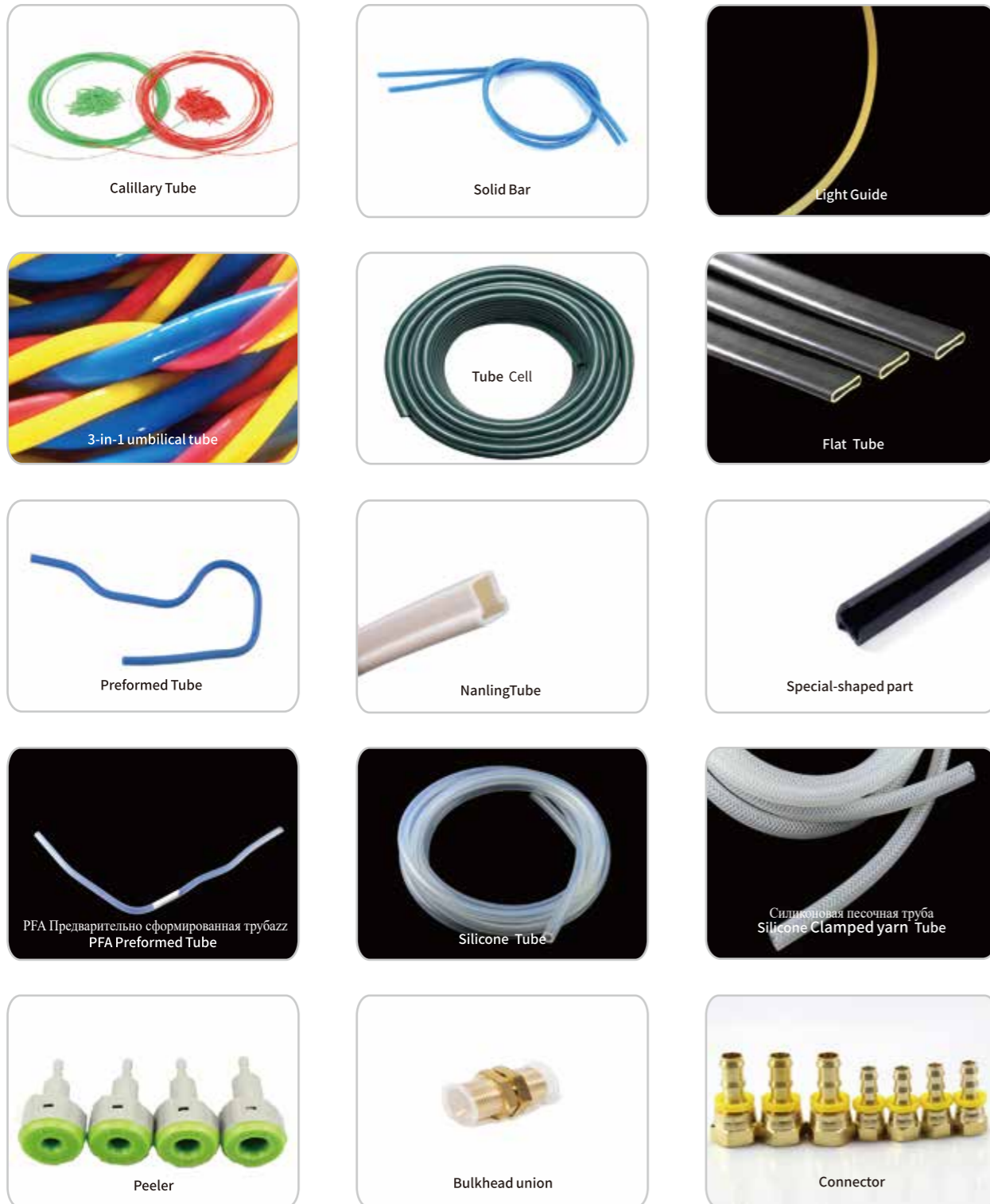


Technical Specification	
Fluid	Air、 Water (Conditional)
Operating Pressure	0~1.5Mpa
Withstanding Voltage	2MPa
Operating Temperature	-20~140℃

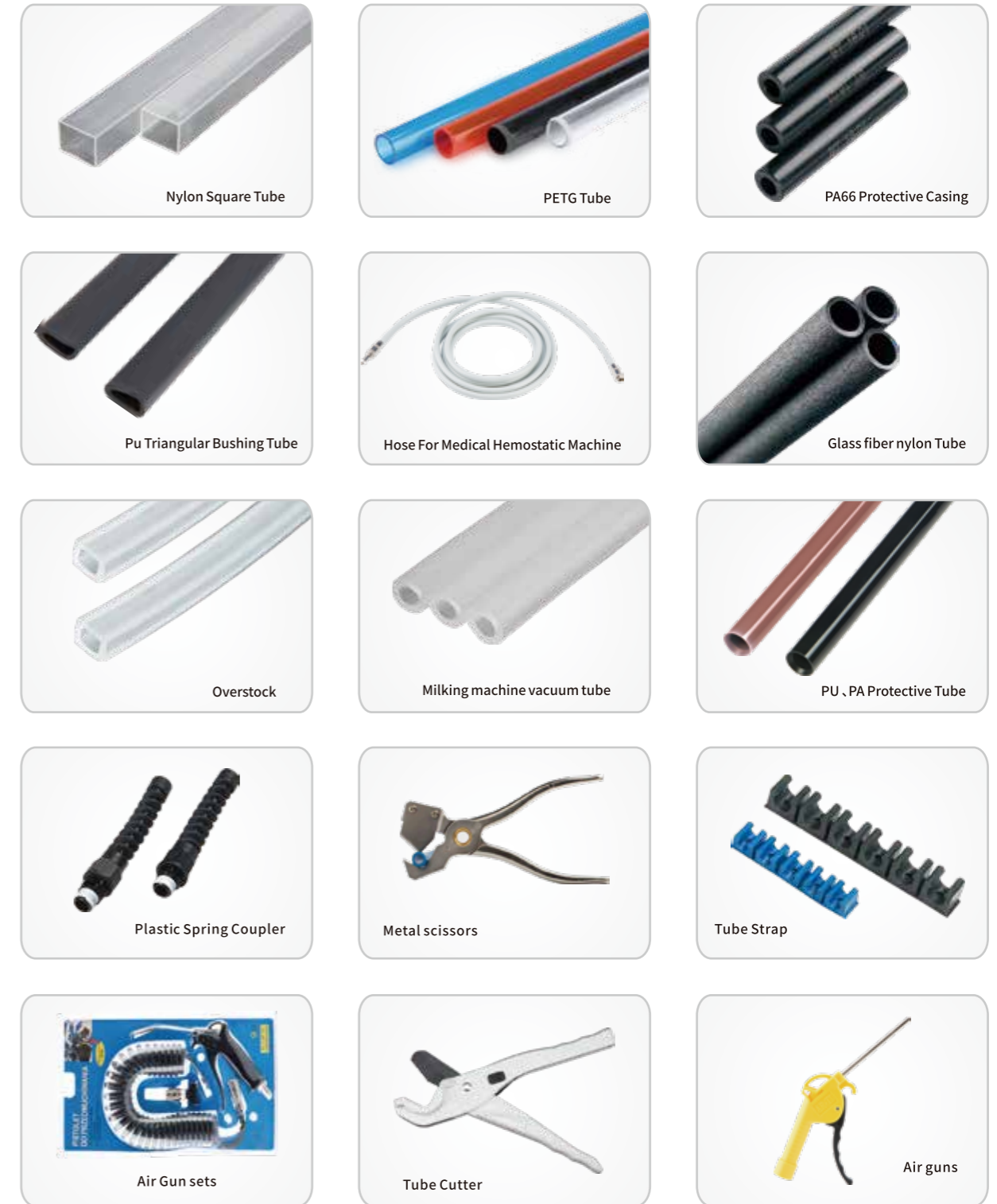
### Ordering Model (Example)



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

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
Perchloroethylene	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
Perchloroethylene	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