

Pneumatics is changing air that is wherever and infinitely available in the world to power energy. You might seldom see its actual applications, but currently pneumatic equipment are used in production and conveyer lines in almost all industries.

VPC company, which was founded in 1985, as a leading manufacturer, is dedicated to serve the automation and labor saving requirements with our pneumatic product range.

Above, coupled with close connection with customers' requirements, enables us to manufacture and make good valve, high quality products and to operate successfully around the world. As natural result of such policy VPC has been recognized to be in compliance with the requirements as provided for the quality system standard ISO9001:2000, as well as the CE Certificate, which is the first pneumatic enterprise who get both certificates in Ningbo, China.

VPC built an excellent sales team is taking advantage of a widespread net of local and foreign distributor constant expansion in the main worldwide strategic areas. We believe the diversity of our product line, and the sincere work of our staff will make VPC to be world class performance leaders of pneumatic products.

Sincere Service
Good Quality



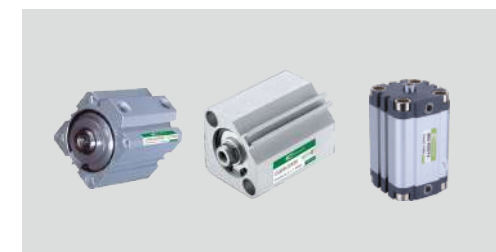
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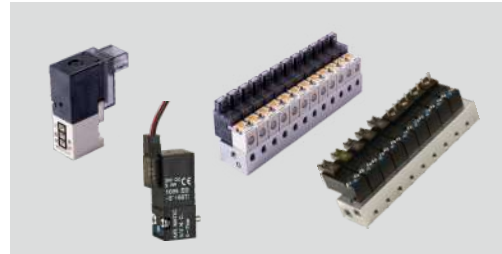


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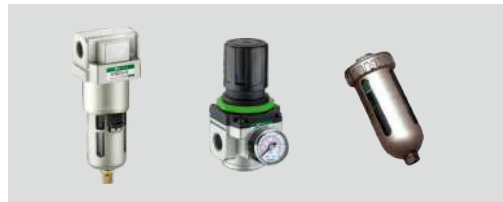


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Measure Conversion Table

Linear Measure

1 in	=25. 4	mm
1 ft	=0. 3048	m
1 mile	=1609. 3	m

Weight Measure

1 lb	=453. 6	g
1 cwt	=50. 8	Kg
1 UK ton	=1016	Kg
1 US ton	=907. 2	Kg
1 ton	=1000	Kg

Torsion Measure

1 in lb	=0. 113	Nm
1 ft lb	=1. 356	Nm
1 kgm	=9. 807	Nm

Temperature Measure

(°F-32) X5/9	=	°C
K-273. 15	=	°C

Capacity Measure

1 Litre	=0. 001	m ³
1 cu ft	=0. 0283	m ³
1 cu in	=16. 39	cm ³
1 US gal	=4. 546	L
1 UK gal	=3. 79	L

Equivalent Exchange

1 psi	=6. 895Kpa=0. 07Kg/cm	=0. 06895bar=0. 0703atm
1sta atm=14. 7psi=101. 3Kpa	=1. 01325bar	
1Kg/cm ² =98. 07Kpa=14. 22psi	=28. 96ins mercury	
1ft lb	=0. 13826kgm	=1. 356Nm
1L	=1000cm ³	=1. 7598pint =10 ⁶ mm ³
1tonne	=1000kg	=0. 984ton =2205lb
1m ³	=10 ⁶ cm ³	
1Pa	=1N/m ²	
1cu ft/min.	=0. 0283m ³ /min	=28. 3l/min

Area Measure

1 in ²	=6. 45	cm ²
1 ft ²	=0. 0929	m ²

Pressure Measure

1 psi	=6. 89	Kpa
1 Kg/cm ²	=98.07	Kpa
1 bar	=100	Kpa
1 bar	=14.5	psi
1 atm	=101.3	Kpa
1 cm water	=97.89	pa
1 in water	=248.64	pa
1 mm mercury	=133.3	pa
1 in mercury	=3.39	Kpa
1 torr	=133.3	pa
1 ft water	=0.0298	bar
1 bar	=33.3	ft water

Energy&Heat Measure

1 lb ft	=1. 356	J
1 N m	=1	J
1 Kg f m	=9. 807	J
1 Kw h	=3. 6	MJ

Force Measure

1 lbf	=4. 45	N
1 Kg f	=9. 81	N
1Kilopond (K P)	=9. 81	N
1 ton force	=9. 81	KN

Power Measure

1 lb ft/sec	=4. 358	W
1 Kg f m/sec	=9. 807	W
1 N m/sec	=1	W
1 Joule/sec	=1	W
1 H. P. (IMP)	=745. 7	W

Cylinder

UserManual

1. Before screwing the correct fitting in, make sure the thread ports and fittings are clean. Be aware of dust or fitting tap falling into the cylinder;
2. It is suggested to use the medium lubricated by 40um filter element;
3. Under the high-temperature environment, use the high-temperature type cylinder. Under the low-temperature environment, take measure to avoid frozen;
4. In order to prevent damaging the cylinder, test the cylinder with loading first and adjust the cushion tightly.
5. In order for the cylinder to achieve long service life, do not side-load cylinder,
6. If the fittings were removed from the cylinder for a period of time, be sure to block the thread port with protecting cap to keep the dust away.

Caution

1. To remove the rust, external impurity and water, please install a filter near to the directional valve.
2. Please use galvanized pipe, nylon tube, rubber pipe etc corrosion resistant pipe materials.
3. For the piping between the cylinder and the directional control valve, please confirm section have effective cross-sectional area of the provisions of the velocity of the piston must be.
4. Piping before the removal of external impurity in the tube, chip etc. Please use compressed air to clean.
5. When connected with the component products, please do not mix with the sealing belt and other foreign bodies.
6. And in poor rod load please keep in axial state.

Maintenance

1. The most suitable temperature for the use of the cylinder is 5-60°C, when the temperature exceeds 60°C, please consider to change the material of the seal ; if the temperature is below 5°C, due to the freezing of water in the loop, there may become an accident, please consider to prevent freezing.
2. Please don't use cylinder corrosion environment , otherwise they will be damaged or dysfunctional if must be used in such an environment, please consult with VPC for solution.
3. Compressed air used must be clean and less water.
4. The purpose of the buffer is to use the energy of the air to absorb the kinetic energy of the moving parts, so that the piston and the end cover are not impacted at the end of the stroke.
5. Pneumatic buffer at the factory has been adjusted. Due to the variation of load to adjust the buffer can slowly rotate to the right needle, counterclockwise is weakened.
6. Please do not use the cylinder directly to the cutting fluid, cooling environment, please add the dust cover on the cylinder.

Tips

1. Cylinder can be caused by using the cylinder in the large inertia of the super-permitted range.
2. Please do not beat the cylinder, resulting in injuries, which well cause the cause of bad action.
3. Please install in the horizontal plane, if the installation surface is nueven, may cause the cylinder is damaged.
4. Attention to the inertia force due to external forces, and sometimes lead to negative pressure in the cylinder, so that the cylinder seal off, causing the external leakage.

Silencer

Silencer

A Type Silencer	Model	Thread	S
	A-M5	M5	8
	A-6	1/8"	13
	A-8	1/4"	16
	A-10	3/8"	19
	A-15	1/2"	24
	A-20	3/4"	30
	A-25	1"	36
	A-32	1-1/4"	46
	A-40	1-1/2"	53
	A-50	2"	64



D Type Silencer	Model	Thread	S
	D-6	1/8"	23
	D-8	1/4"	27
	D-10	3/8"	37
	D-15	1/2"	45
	D-20	3/4"	53
	D-25	1"	57



AS Type S. S Silencer	Model	Thread	S
	AS-6	1/8"	12
	AS-8	1/4"	15
	AS-10	3/8"	19
	AS-15	1/2"	23
	AS-20	3/4"	30
	AS-25	1"	36



Quick Exhaust Silencer Throttle Valve

SA Type	Model	Thread	S
	SA-6	1/8"	12
	SA-8	1/4"	14
	SA-10	3/8"	17
	SA-15	1/2"	24
	SA-20	3/4"	27
	SA-25	1"	34



SD Type	Model	Thread	S
	SD-6	1/8"	12
	SD-8	1/4"	14
	SD-10	3/8"	17
	SD-15	1/2"	21
	SD-20	3/4"	27
	SD-25	1"	34



Plastic Silencer

PSU Type Silencer	Model	Thread	S
	PSU-M5	M5	10
	PSU-6	1/8"	15
	PSU-8	1/4"	20
	PSU-10	3/8"	25
	PSU-15	1/2"	30
	PSU-20	3/4"	45
	PSU-25	1"	45



V Type Silencer	Model	Thread	S
	V-M5	M5	8
	V-6	1/8"	13
	V-8	1/4"	16
	V-10	3/8"	19
	V-15	1/2"	24
	V-20	3/4"	30
	V-25	1"	36
	V-32	1-1/4"	46
	V-40	1-1/2"	53
	V-50	2"	64



VD Type Silencer	Model	Thread	S
	VD-6	1/8"	13
	VD-8	1/4"	16
	VD-10	3/8"	19
	VD-15	1/2"	24
	VD-20	3/4"	30
	VD-25	1"	36



VS Type S. S Silencer	Model	Thread	S
	VS-6	1/8"	12
	VS-8	1/4"	15
	VS-10	3/8"	19
	VS-15	1/2"	23
	VS-20	3/4"	30
	VS-25	1"	36



SC Type	Model	Thread	S
	SC-6	1/8"	12
	SC-8	1/4"	14
	SC-10	3/8"	17
	SC-15	1/2"	21
	SC-20	3/4"	27
	SC-25	1"	34



SS Type	Model	Thread	S
	SS-6	1/8"	16
	SS-8	1/4"	16
	SS-10	3/8"	22
	SS-15	1/2"	22
	SS-20	3/4"	30
	SS-25	1"	36

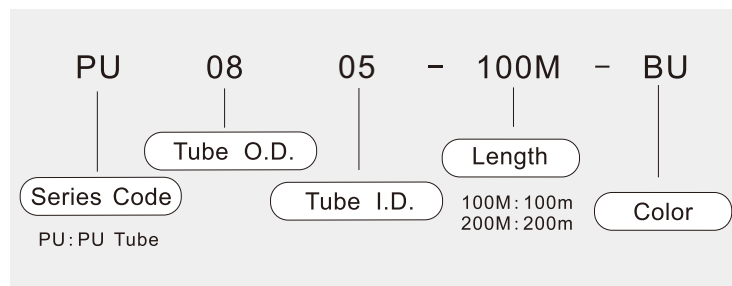


SU Type Silencer	Model	Thread	S
	SU-6	1/8"	16
	SU-8	1/4"	20
	SU-10	3/8"	24
	SU-15	1/2"	24
	SU-20	3/4"	48
	SU-25	1"	48



PU Tube (Polyester Polyurethane)

Ordering Code PU Tube



Features: The ester-based PU tube, featuring excellent pressure resistance, weather resistance, corrosion resistance and flexibility, used for the piping of air concerned system. **Application:** Industrial automation, pneumatic tools, tube for water and fluids, vacuum tubes, protective sleeve for metal and electronic products.

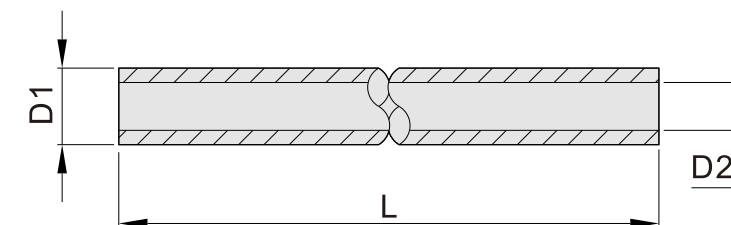
Color

	Tube Color							
Code	C	B	BU	R	Y	G	W	O
Graphic								

Specifications

Material	Polyester Polyurethane
Hardness	95A-98A
Fluid	Air, Water
Environment and fluid temperature	-20~70°C

Main Dimensions

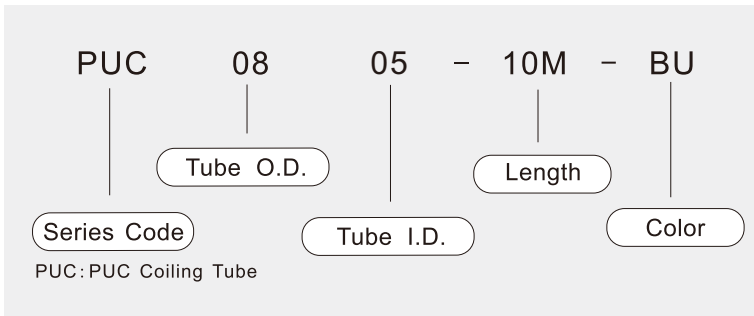


Model	D1 (mm)	D2 (mm)	L (m)	Max. working pressure at 20°C (Bar)	Min. burst pressure at 20°C (Bar)	Min. bend radius at 20°C (mm)	Net weight (Kg/Roll)
PU0302	3	2	200	10	30	10	
PU0425	4	2.5	200	10	30	10	
PU0604	6	4	200	10	30	15	
PU0855	8	5.5	100	8	24	20	
PU0805	8	5	100	10	30	20	
PU1065	10	6.5	100	10	30	30	
PU1208	12	8	100	10	30	35	
PU1410	14	10	100	8	24	55	
PU1612	16	12	100	8	24	65	
PU5/32	3.94	2.5	200	10	30	10	
PU1/4	6.35	4.23	200	10	30	15	
PU5/16	7.94	5	100	10	30	20	
PU3/8	9.52	6.35	100	10	30	30	
PU1/2	12.7	8.46	100	10	30	35	

How to order: Please tell us the model No. and don't forget to point out the pressure range. Note: Other sizes can be offered, please contact with us.

PUC Coiling Tube (Polyester Polyurethane)

Ordering Code PUC Coiling Tube



Color

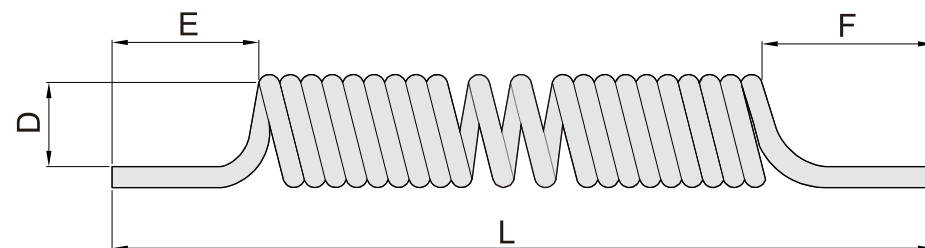
Tube Color								
Code	C	B	BU	R	Y	G	W	O
Graphic								

Features: The ester-based PU coiling tube, possess all the characteristics of common PU tube, more featuring with excellent flexibility and excelling in restoring force. Easy using and flexible for movable parts.

Specifications

Material	Polyester Polyurethane
Hardness	95A-98A
Fluid admitted	Air
Environment and fluid temperature	-20~70°C

Main Dimensions

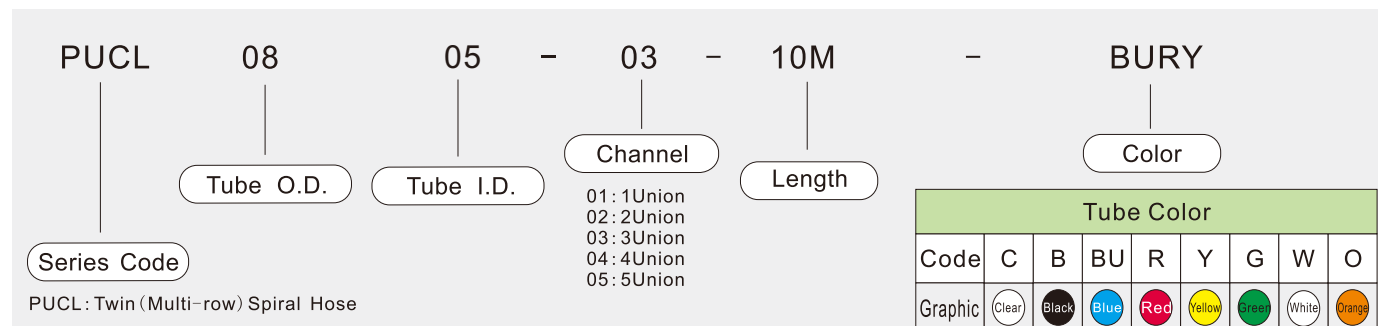


Model	D (mm)	Maximum length L (m)	E (mm)	F (mm)
PUC0425	25	1-20	100	100
PUC0604	32	1-25	100	100
PUC0855	40	1-20	100	100
PUC0805	40	1-20	100	100
PUC1065	48	3-20	100	100
PUC1280	58	3-20	100	100
PUC1/4	32	1-20	100	100
PUC3/8	48	3-20	100	100
PUC1/2	58	3-20	100	100

Note: Other sizes can be offered, please contact with us.

PUCL Twin (Multi-row) Spiral Hose

Ordering Code PUCL Twin (Multi-row) Spiral Hose

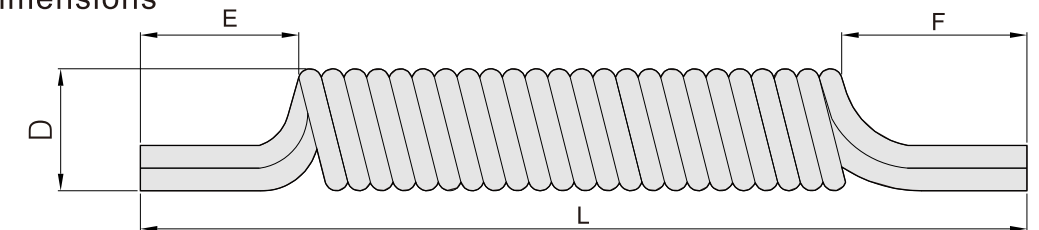


Features: In addition to PU standard features and characteristics of PU multi-row tube, PU Twin (Multi-row) Spiral Hose also featuring with good elasticity, flexibility, easy of use, and space-saving.

Specifications

Material	Polyester Polyurethane
Hardness	95A-98A
Fluid admitted	Air, water (other fluids)
Environment and fluid temperature	-40~70°C

Main Dimensions

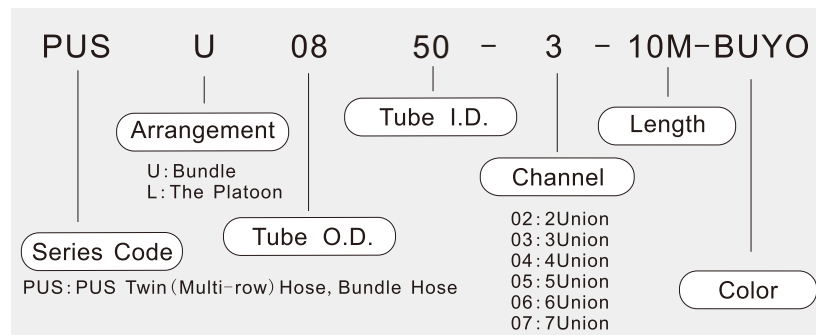


Model	D (mm)	Maximum length L (m)	E (mm)	F (mm)
PUCL0425	25	1-20	100	100
PUCL0604	32	1-25	100	100
PUCL0855	40	1-20	100	100
PUCL0805	40	1-20	100	100
PUCL1065	48	3-20	100	100
PUCL1280	58	3-20	100	100
PUCL1/4	32	1-20	100	100
PUCL3/8	48	3-20	100	100
PUCL1/2	58	3-20	100	100

Note: Other sizes can be offered, please contact with us.

PUS Twin (Multi-row) Hose, Bundle Hose

Ordering Code PUS Twin (Multi-row) Hose, Bundle Hose



Features:
Included with several PA, PU, PE tubes inside, and covered with PVC or TPU.
Anti-wear, Space saving.
Multiple-Row Hose feature:
Composed by multiple row of PU or PVC tubes, with variety of colors for better distinction.
Application:
Can be used for robot, machine tool, metallurgy and Auto etc.

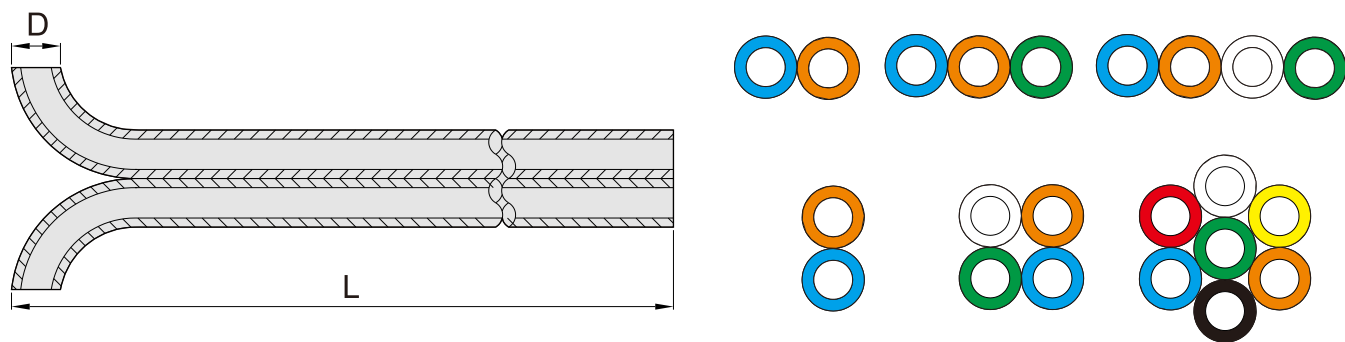
Color

Tube Color								
Code	C	B	BU	R	Y	G	W	O
Graphic								

Specifications

Material	Polyester Polyurethane
Hardness	95A-98A
Fluid admitted	Air
Environment and fluid temperature	-40~70°C

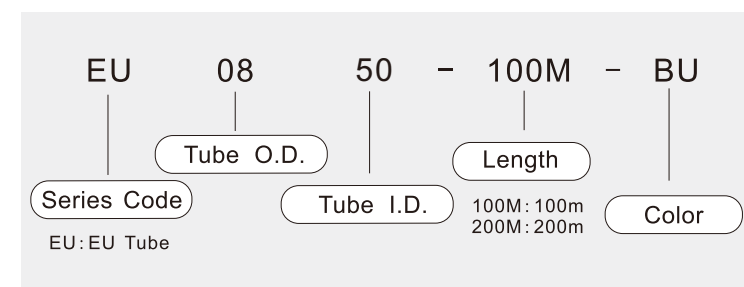
Main Dimensions



Model	D1 (mm)	D2 (mm)	L (m)	Max. working pressure at 20°C (Bar)	Min. burst pressure at 20°C (Bar)
PUSU (L) 0425	4	2.5	100	10	30
PUSU (L) 0604	6	4	100	10	30
PUSU (L) 0855	8	5.5	50	10	30
PUSU (L) 0850	8	5	50	10	30
PUSU (L) 1065	10	6.5	50	10	30
PUSU (L) 1280	12	8	50	10	30
PUSU (L) 5/32	3.94	2.5	100	10	30
PUSU (L) 1/4	6.35	4.23	100	10	30
PUSU (L) 5/16	7.94	5	50	10	30
PUSU (L) 3/8	9.52	6.35	50	10	30
PUSU (L) 1/2	12.7	8.46	50	10	30

EU Tube (Ether-Based Polyurethane, Food Grade, Medical Grade)

Ordering Code EU Tube



Features: Good resistance to moisture, resistant to mold, even suitable for wet and bacterial environment.
Anti-aging: long service life. Low temperature resistant, Anti-UV: can be used under harsh conditions, like, exposure to outdoor sunlight.
Anti-hydrolysis: transparent color, more suitable for observation of liquid flow FDA Approved.

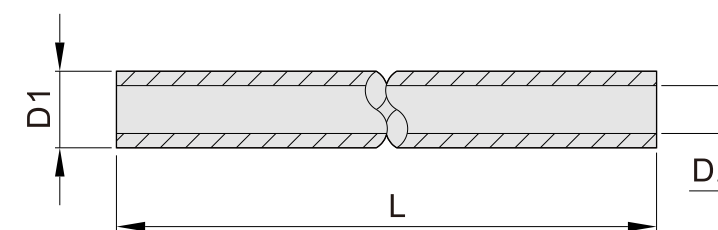
Color

Tube Color								
Code	C	B	BU	R	Y	G	W	O
Graphic								

Specifications

Material	Polyester Polyurethane
Hardness	95A-98A
Fluid admitted	Air
Environment and fluid temperature	-40~70°C

Main Dimensions

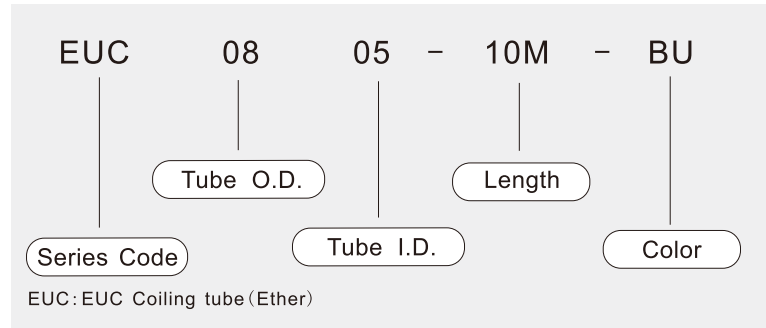


Model	D1 (mm)	D2 (mm)	L (m)	Max. working pressure at 20°C (Bar)	Min. burst pressure at 20°C (Bar)	Min. bend radius at 20°C (mm)	Net weight (Kg/Roll)
EU0425	4	2.5	200	10	30	10	1.9
EU0604	6	4	200	10	30	15	3.9
EU0855	8	5.5	100	8	24	20	3.3
EU0850	8	5	100	10	30	20	3.8
EU1065	10	6.5	100	10	30	30	5.6
EU1280	12	8	100	10	30	35	7.8
EU5/32	3.94	2.5	200	10	30	10	1.9
EU1/4	6.35	4.23	200	10	30	15	4.4
EU5/16	7.94	5	100	10	30	20	3.8
EU3/8	9.52	6.35	100	10	30	30	4.9
EU1/2	12.7	8.46	100	10	30	35	8.8

Note: Other sizes can be offered, please contact with us.

EUC Coiling Tube (Ether)

Ordering Code EUC Coiling Tube (Ether)



Features:

Good resistance to moisture, resistant to mold, even suitable for wet and bacterial environment.

Anti-aging:

Long service life. Low temperature resistant.

Anti-UV:

Can be used under harsh conditions, like, exposure to outdoor sunlight.

Anti-hydrolysis:

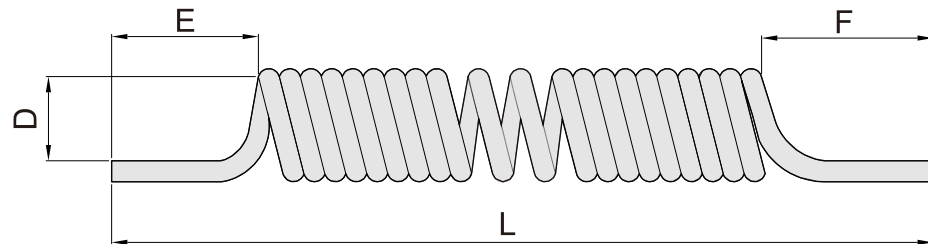
Transparent color, more suitable for observation of liquid flow FDA Approved.

Tube Color								
Code	C	B	BU	R	Y	G	W	O
Graphic								

Specifications

Material	Polyester Polyurethane
Hardness	95A-98A
Fluid admitted	Air, water (other fluids)
Environment and fluid temperature	-40~70°C

Main Dimensions

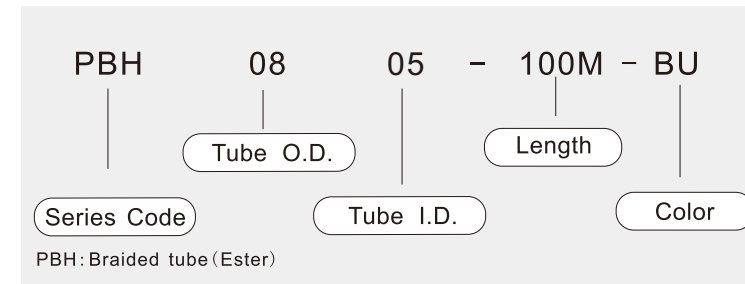


Model	D (mm)	Maximum length L (m)	E (mm)	F (mm)
EUC0425	25	1-20	100	100
EUC0604	32	1-25	100	100
EUC0855	40	1-20	100	100
EUC0805	40	1-20	100	100
EUC1065	48	3-20	100	100
EUC1280	58	3-20	100	100
EUC1/4	32	1-20	100	100
EUC3/8	48	3-20	100	100
EUC1/2	58	3-20	100	100

Note: Other sizes can be offered, please contact with us.

PBH Braided Tube (Ester) / Yarn Tube

Ordering Code PBH Braided Tube (Ester) / Yarn Tube



Features: Excelling in restoring force, good chemical resistance, shock resistance; flexible and light; hardly loss in pressure, Constant in Hardness; it is 1.8 times the working pressure, and more than twice longer the serving life of single-layer PU tube. Non-toxic, tasteless, colors can be customized, easy for line identification. Comply with ROHS.

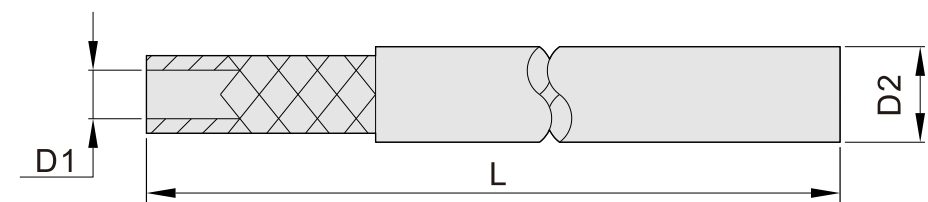
Color

Tube Color								
Code	C	B	BU	R	Y	G	W	O
Graphic								

Specifications

Material	Polyester Polyurethane
Hardness	90A (PBH) / 85A (PBS)
Fluid admitted	Air, Water (Other fluids)
Environment and fluid temperature	-20°C~80°C

Main Dimensions

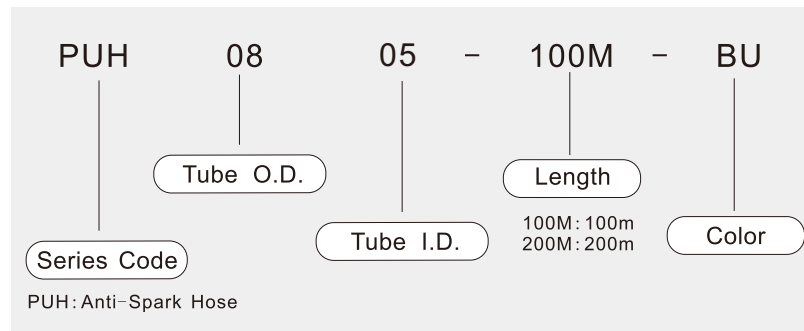


Model	D1 (mm)	D2 (mm)	L (m)	Max. working pressure at 20°C (Bar)	Min. burst pressure at 20°C (Bar)	Min. bend radius at 20°C (mm)	Net weight (Kg/Roll)
PBH0805	5	8	100	20	60	20	3.8
PBH1065	6.5	10	100	20	60	30	5.6
PBH1280	8	12	100	20	60	40	7.8
PBH3/8	6.35	9.5	100	20	60	30	4.9
PBH1/2	8.46	12.7	100	20	60	40	8.8

Note: Other sizes can be offered, please contact with us.

PUH Anti-Spark Hose

Ordering Code PUH Anti-Spark Hose



Features:
Flame-retardant double-layer Polyurethane tube, condition suitable for welding workplace with sparks and under mining. The material is flame retardant polyurethane, flame retardant grade V0(UL94-V0).

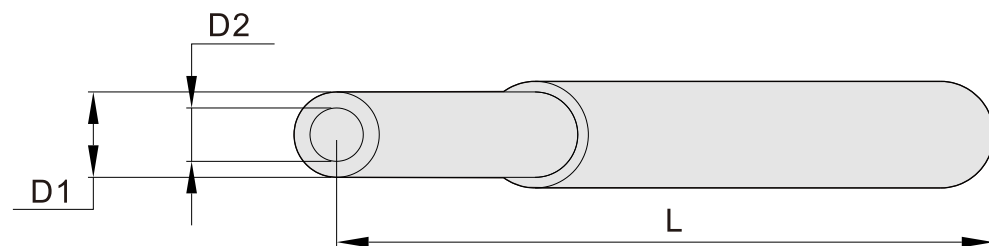
Application:
In the occasions where spark occurs during welding work.

Tube Color								
Code	C	B	BU	R	Y	G	W	O
Graphic								

Specifications

Material	Polyester Polyurethane (inner) + Retardant Synthetic Material (outer)
Hardness	95A-98A
Fluid admitted	Air
Environment and fluid temperature	-20°C~80°C

Main Dimensions

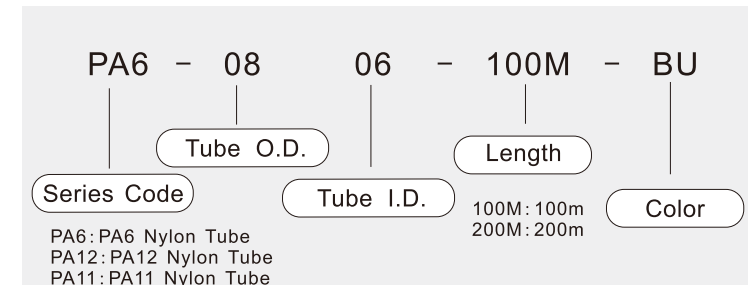


Model	D1 (mm)	D2 (mm)	L (m)	Max. working pressure at 20°C (Bar)	Min. burst pressure at 20°C (Bar)	Min. bend radius at 20°C (mm)	Net weight (Kg/Roll)
PUH0604	6	4	100	10	30	15	5.6
PUH0805	8	5	100	10	30	20	8.8
PUH1065	10	6.5	100	10	30	30	11.5
PUH1280	12	8	100	10	30	45	14.0
PUH1/4	6.35	4.23	100	10	30	20	6.0
PUH3/8	9.52	6.35	100	10	30	30	11.0

Note: Other sizes can be offered, please contact with us.

PA Nylon Tube

Ordering Code PA Nylon Tube



Applications:
Air water, chemicals, lubrication, pneumatic controls, instrumentation systems, hydraulic lines, chemical transfer, air-conditioning, CO2, fuels and oils, irrigation control system, automotive and electrostatic insulator etc.

Chemical Resistance:
Nylon Tubing is resistant to most solvents, alkalis, oils, greases, petroleum products, fungi moulds and dilute acids (mineral and organic).

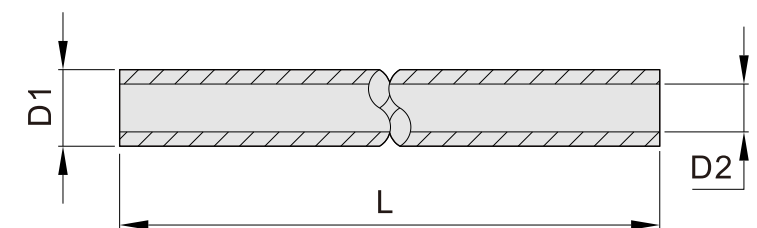
Color

Tube Color								
Code	C	B	BU	R	Y	G	W	O
Graphic								

Specifications

Model	PA6	PA11	PA12
Material	Nylon 6	Nylon 11	Nylon 12
Hardness	64D	60D	60D
Fluid admitted	Air, Water, Oil, Normal Solvents		
Environment and fluid temperature	-40°C~125°C	-40°C~100°C	-40°C~100°C

Main Dimensions

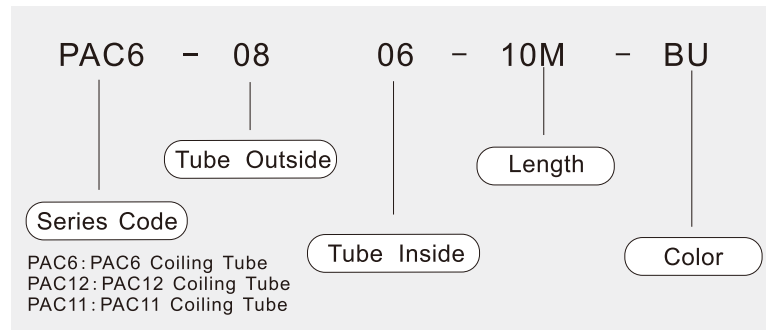


Model	D1 (mm)	D2 (mm)	L (m)	Max. Working pressure at 20°C (Bar)	Min. Burst pressure at 20°C (Bar)	Min. Bend radius at 20°C (mm)	Net weight (Kg/Roll)
PA6 (PA12/PA11) -0425	4	2.5	200	20	60	15	1.6
PA6 (PA12/PA11) -0604	6	4	200	20	60	20	2.3
PA6 (PA12/PA11) -0806	8	6	100	20	60	30	2.3
PA6 (PA12/PA11) -1008	10	8	100	15	45	45	3
PA6 (PA12/PA11) -1075	10	7.5	100	20	60	40	3.6
PA6 (PA12/PA11) -1210	12	10	100	15	45	55	3.6
PA6 (PA12/PA11) -1209	12	9	100	20	60	50	5.2
PA6 (PA12/PA11) -1/4	6.35	4.2	200	20	60	25	3.8
PA6 (PA12/PA11) -3/8	9.5	6.35	100	20	60	40	4
PA6 (PA12/PA11) -1/2	12.7	9.6	100	20	60	50	5.7

Note: Other sizes can be offered, please contact with us.

PAC Coiling Tube

Ordering Code PAC Coiling Tube

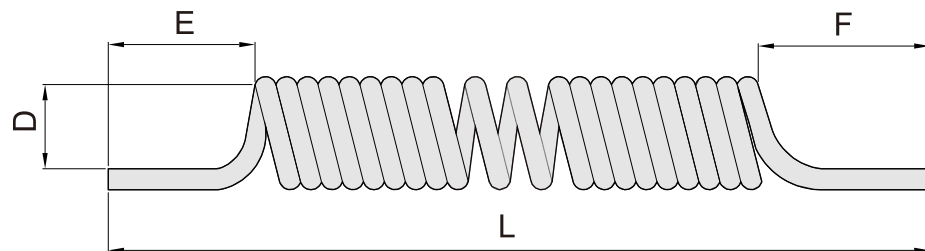


Features: The PA coiling tube, featuring excellent flexibility and excelling in restoring force. Easy using for piping of movable parts.

Specifications

Material	PA6 (PAC6) ,PA12 (PAC12) , PA11 (PAC11)
Hardness	64D-60D
Fluid admitted	Air, water, Oil, Normal solvents
Environment and fluid temperature	-40°C~100°C

Main Dimensions

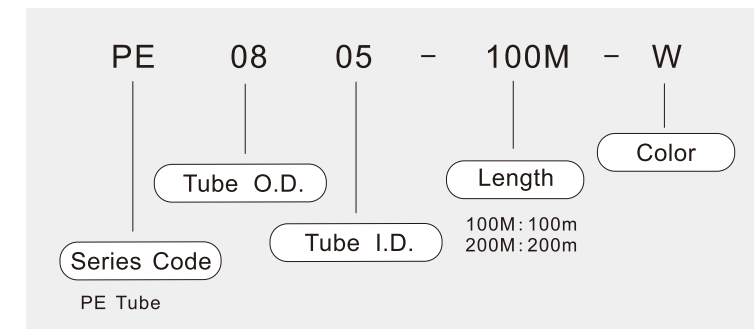


Model	D (mm)	Maximum length L (m)	E (mm)	F (mm)
PAC6 (PAC12/PAC11) -0425	32	1-15	100	100
PAC6 (PAC12/PAC11) -0604	38	1-15	100	100
PAC6 (PAC12/PAC11) -0806	48	1-20	100	100
PAC6 (PAC12/PAC11) -1075	58	3-20	100	100
PAC6 (PAC12/PAC11) -1290	68	3-20	100	100
PAC6 (PAC12/PAC11) -1/4	38	1-15	100	100
PAC6 (PAC12/PAC11) -3/8	58	3-20	100	100
PAC6 (PAC12/PAC11) -1/2	68	3-20	100	100

Note: Other sizes can be offered, please contact with us.

PE Tube

Ordering Code PE Tube

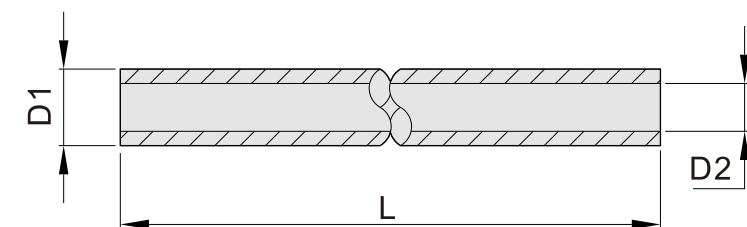


Tube Color								
Code	C	B	BU	R	Y	G	W	O
Graphic								

Specifications

Material	Polyethylene
Environment and fluid temperature	-20°C~60°C
Fluid admitted	Air, Water

Main Dimensions

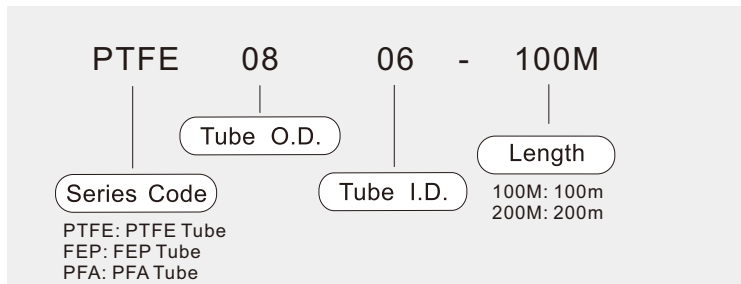


Model	D1 (mm)	D2 (mm)	L (m)	Max. working pressure at 20°C (Bar)	Min. burst pressure at 20°C (Bar)	Net weight (Kg/Roll)
PE0425	4	2.5	200	8	24	1.37
PE0604	6	4	200	8	24	2.8
PE0805	8	5	100	8	24	1.97
PE1075	10	7.5	100	8	24	3.6
PE1209	12	9	100	8	24	4.4
PE1/4	6.35	4	100&300	8	24	1.54&4.62
PE3/8	9.52	6.35	100	8	24	3.55
PE1/2	12.7	8.46	100	8	24	5

Note: Other sizes can be offered, please contact with us.

Fluoropolymer Tube

Ordering Code Fluoropolymer Tube



Features

PTFE Tubing: Suitable for applications which require flexibility. Flame resistant(Equivalent to UL-94 Standard V-0).

FEP Tubing: This has better resistance in chemical environments. Flame resistant(Equivalent to UL-94 Standard V-0).

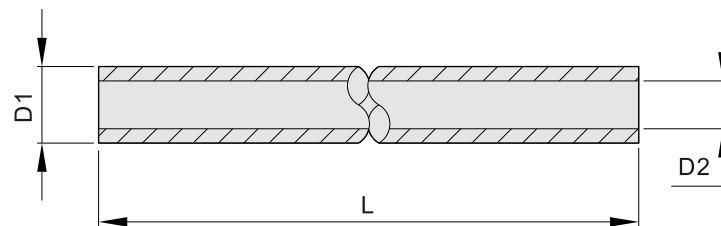
PFA Tubing: The material consists of a good chemical resistant fluoropolymer. This also has good heat resistance, and it is suitable for a wide range of applications.

Can be used in the food and chemical industries.

Specifications

Model	PTFE	FEP	PFA(F46)
Material	Polytetrafluoroethylene resin	Fluorinated ethylene propylene resin	Tetrafluoroethylene perfluoroalkoxy vinyl ether copolymer
Fluid admitted	Air, Inert gas, Water		
Environment and fluid temperature	-65°C to 260°C, 0 to 100°C (Water, No freezing)	-65°C to 200°C, 0 to 100°C (Water, No freezing)	-65°C to 260°C, 0 to 100°C (Water, No freezing)

Main Dimensions



Model	D1(mm)	D2(mm)	Max. Working Pressure at 20°C(bar)	Length(m/roll)
PTFE0402	4	2	16	200
PTFE0604	6	4	14	200
PTFE0806	8	6	9	100
PTFE1075	10	7.5	9	100
PTFE1209	12	9	9	100
FEP0402	4	2	23	200
FEP0604	6	4	15	200
FEP0806	8	6	10	100
FEP1008	10	8	7	100
FEP1209	12	9	10	100
FEP1210	12	10	7	100
PFA0402	4	2	17	200
PFA0604	6	4	15	200
PFA0806	8	6	10	100
PFA1008	10	8	7	100
PFA1210	12	10	6	100

Note: Other sizes can be offered, please contact with us.

Sectional Tube

Sectional Tube



Nylon Square Tube



PETG Tube



Conductive Powder Tube



PU Tri-angular Bushing Tube



Solid Tube



Milking Machine Vacuum Tube



PU/PA Protective Tube



PU Matt Surface Tube



Hose for Medical Hemostatic Machine



Metal Coupler



Tube Strap



Air Gun

Pressure Switch



Specifications Pressure Switch

Nominal voltage		Power factor	125VAC	250VAC
Nominal	current			
Non-induced current		1	48	12
Induced current	Full rated current	0.75	48	12
	Instantaneous current	0.75	288	72

Features

- * Pressure Switch not only can be used in Freon refrigerant, also for the air and liquid. (Allowable fluid temp: -10°C ~ +120°C)
- * Multi-Point contact conversion.
- * Single Pole Double Throw Relay contacts of mechanical structural design.
- * The novel micro switch structure ensures the reliable conversion function.
- * No need any tool but can carry out electrical contact function testing with the manual control.
- There is a smart mounting plate, can be applied to different installation situations.

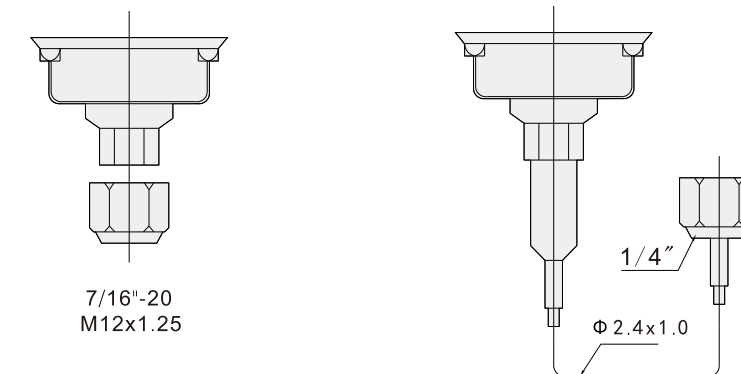
Performance parameter

Model		Pressure range (Mpa)		Differential pressure range (Mpa)		Factory setting (Mpa)		Max pressure (Mpa)
		Min	Max	Min	Max	Off	On	
HLP110		0.1	1	0.1	0.3	0.6±0.01	0.5±0.01	1.65
HLP506		-0.07	0.6	0.06	0.4	0.3±0.01	0.2±0.01	1.65
HLP506M		-0.07	0.6	Duplicate Voltage Disparity ≤ 0.4		0.3±0.01	Manual reset	1.65
HLP530		0.5	3	Fixed 0.3~0.5		2±0.01	1.5±0.02	3.5
HLP530D		0.5	3	0.5	1	2±0.02	1.5±0.02	3.5
HLP530M		0.5	3	Duplicate Voltage Disparity ≤ 0.4		2±0.02	Manual reset	3.5
HLP830	Low pressure end	-0.07	0.6	0.06	0.4	0.3±0.01	0.2±0.01	1.65
	High pressure end	0.5	3	Fixed 0.3~0.5		2±0.02	1.5±0.02	3.5
HLP830HLM	Low pressure end	-0.07	0.6	Duplicate Voltage Disparity ≤ 0.2		0.3±0.01	Manual reset	1.65
	High pressure end	0.5	3	Duplicate Voltage Disparity ≤ 0.4		2±0.02	Manual reset	3.5
HLP830HM	Low pressure end	-0.07	0.6	0.06	0.4	0.3±0.01	0.2±0.01	1.65
	High pressure end	0.5	3	Duplicate Voltage Disparity ≤ 0.4		2±0.02	Manual reset	3.5
HLP830M	Low pressure end	-0.07	0.6	0.06	0.4	0.3±0.01	0.2±0.01	1.65
	High pressure end	0.5	1	Duplicate Voltage Disparity ≤ 0.4		2±0.02	Manual reset	3.5

Pressure Switch

Connection and Installation

- 1) Connection Way: There are two kinds of connection mode for the controller:
 - (1) With a diameter of $\Phi 6 \times 1$ of the copper tube (must be a soft state), in the pipe end expanding 90 degree angle, then with the own nuts of the controller to screw only.
 - (2) With a outer diameter $\Phi 3$ long 1 meter capillary to connect (Must let us know when you ready to order)
 See below drawing:



- 2) Installation Way:
 - (1) With the 4 mounting holes in the back of controller to install
 - (2) Choosing the multi purpose mounting plate accessories to install (see below drawing)

