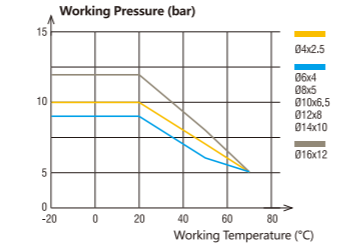


How to Order? (Metric size)

Series code	O.D.	X	I.D.	Length	Color code
PU: PU tube	030: 3.0mm		020: 2.0mm	100M: 100 M/Roll	BU: Blue B: Black C: Transparent O: Orange R: Red
PE: PE tube	040: 4.0mm		020: 2.0mm	200M: 200 M/Roll	
			025: 2.5mm		
	050: 5.0mm		030: 3.0mm		
	060: 6.0mm		040: 4.0mm		
	080: 8.0mm		050: 5.0mm	100M: 100 M/Roll	
			055: 5.5mm		
			060: 6.0mm		
	100: 10.0mm		060: 6.0mm		
			065: 6.5mm		
			075: 7.5mm		
	120: 12.0mm		080: 8.0mm		
	140: 14.0mm		100: 10.0mm		
	160: 16.0mm		120: 12.0mm		



PU Tube Performance



Burst pressure is 3 times higher than values in this graph.

Order example:

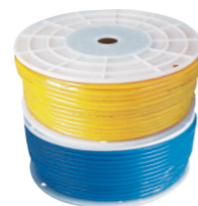
φ4Xφ2.5 PU tube, 200M/Roll, Blue color, ERP code is: PU040X025-200M-BU

Part No.	O.D (mm)	I.D (mm)	Length (m/roll)	Operating Pressure (kgf/cm ²) (air)	Max. Pressure (kgf/cm ²)	Working Temperature	Bending Radius (mm)	Available Colour	Fluid Pressure
PU030X020	3.0	2.0	200	10	32	-20°C-70°C	10	BLUE/ BLACK/ TRANSPARENT/ ORANGE/ RED	0.1-0.8 MPa
PU040X020	4.0	2.0	200	10	32	-20°C-70°C	10		0.1-0.8 MPa
PU040X025	4.0	2.5	200	10	32	-20°C-70°C	10		0.1-0.8 MPa
PU050X030	5.0	3.0	200	10	32	-20°C-70°C	8		0.1-0.8 MPa
PU060X040	6.0	4.0	200	8	24	-20°C-70°C	15		0.1-0.8 MPa
PU080X050	8.0	5.0	100	10	32	-20°C-70°C	20		0.1-0.8 MPa
PU080X055	8.0	5.5	100	8	24	-20°C-70°C	20		0.1-0.8 MPa
PU080X060	8.0	6.0	100	8	24	-20°C-70°C	20		0.1-0.8 MPa
PU100X060	10.0	6.0	100	8	24	-20°C-70°C	25		0.1-0.8 MPa
PU100X065	10.0	6.5	100	8	24	-20°C-70°C	25		0.1-0.8 MPa
PU100X075	10.0	7.5	100	8	24	-20°C-70°C	25		0.1-0.8 MPa
PU120X080	12.0	8.0	100	8	24	-20°C-70°C	35		0.1-0.8 MPa
PU140X100	14.0	10.0	100	8	24	-20°C-70°C	45		0.1-0.8 MPa
PU160X120	16.0	12.0	100	8	24	-20°C-70°C	70		0.1-0.8 MPa

Note: Please check with E.MC for color available and MOQ.

How to Order? (Inch size)

Series code	O.D.(inch)	X	I.D.	Length	Color code
PU: PU tube	1/8"		Default	100M: 100 M/Roll	BU: Blue B: Black C: Transparent O: Orange R: Red
PE: PE tube	1/4"			200M: 200 M/Roll	
	5/16"			100M: 100 M/Roll	
	3/8"				
	1/2"				
	5/32"				



Order example:

1/8" PU tube, 200M/Roll, Blue color, ERP code is: PU1/8-200M-BU

Part No.	O.D (inch)	Length (m/roll)	Operating Pressure (kgf/cm ²) (air)	Max. Pressure (kgf/cm ²)	Working Temperature	Bending Radius (mm)	Available Colour	Fluid Pressure
PU1/8	1/8"	200	10	32	-20°C-70°C	10	BLUE/ BLACK/ TRANSPARENT/ ORANGE/ RED	0.1-0.8 MPa
PU5/32	5/32"	200	10	32	-20°C-70°C	10		0.1-0.8 MPa
PU1/4	1/4"	200	8	24	-20°C-70°C	15		0.1-0.8 MPa
PU5/16	5/16"	100	10	32	-20°C-70°C	20		0.1-0.8 MPa
PU3/8	3/8"	100	8	24	-20°C-70°C	25		0.1-0.8 MPa
PU1/2	1/2"	100	8	24	-20°C-70°C	35		0.1-0.8 MPa

Note: Please check with E.MC for color available and MOQ.

How to Order?

Series code	O.D.	X	I.D.	Length	Color code	End length	Fitting type
PUS: PU spring tube	040: 4.0mm		025: 2.5mm	060M: 6m	BU: Blue B: Black C: Transparent O: Orange R: Red	A: One end is 30cm, the other end is 10cm B: Both end be 10cm C: Both end be 0cm	1: Without fitting 2: With female-male fitting 3: With male-male fitting
PES: PE spring tube	050: 5.0mm		030: 3.0mm	075M: 7.5m			
	060: 6.0mm		040: 4.0mm	090M: 9m			
	080: 8.0mm		050: 5.0mm	120M: 12m			
			060: 6.0mm	150M: 15m			
	100: 10.0mm		065: 6.5mm				
	120: 12.0mm		080: 8.0mm				
	140: 14.0mm		100: 10.0mm				
	160: 16.0mm		120: 12.0mm				

Order example:

φ4Xφ2.5 PU Spring tube, 6M, Black color, both end with 10cm, no end fitting, ERP code is: PUS040X025-060M-B-B-1

Note: Please check with E.MC for color available and MOQ.



PA Tube/PU Cutter

How to Order? (Metric size)

Series code	O.D.	X	I.D.	Length	Color code
PA: PA tube	040: 4.0mm		020: 2.0mm	100M: 100 M/Roll	BU: Blue B: Black C: Transparent O: Orange R: Red
	050: 5.0mm		030: 3.0mm	200M: 200 M/Roll	
	060: 6.0mm		040: 4.0mm		
	080: 8.0mm		060: 6.0mm	100M: 100 M/Roll	
	100: 10.0mm		070: 7.0mm		
			075: 7.5mm		
			080: 8.0mm		
	120: 12.0mm		080: 8.0mm		
			090: 9.0mm		
			100: 10.0mm		
	140: 14.0mm		100: 10.0mm		
			110: 11.0mm		
	150: 15.0mm		120: 12.0mm		
	160: 16.0mm		120: 12.0mm		
			130: 13.0mm		



Order example:

φ4Xφ2.0 PA tube, 200M/Roll, Blue color, ERP code is: PA040X020-200M-BU

How to Order? (Inch size)

Series code	O.D.(inch)	X	I.D.	Length	Color code
PA: PA tube	1/8"		Default	100M: 100 M/Roll	BU: Blue B: Black C: Transparent O: Orange R: Red
	1/4"			200M: 200 M/Roll	
	5/16"				
	3/8"			100M: 100 M/Roll	
	1/2"				
	5/32"				
	3/16"				
	5/8"				

Order example:

1/8" PA tube, 200M/Roll, Blue color, ERP code is: PA1/8-200M-BU

NOTE: 1.PA tube has PA11-6 and PA12 two kinds to choose.
2.Please check with E.MC for color availability and MOQ.

PartNo.	O.D. (mm)	I.D. (mm)	Length (m/roll)	Operating Pressure (kgf/cm)(air)	Max. Pressure (kgf/cm)	Working Temperature	Bending Radius(mm)	Available Colour	Fluid Pressure
PA 11-6 Tube	PA040X020	4.0	2.0	200	45	135	-30℃-100℃	30	4.5MPa
	PA050X030	5.0	3.0	200	45	135	-30℃-100℃	30	4.5MPa
	PA060X040	6.0	4.0	200	27	81	-30℃-100℃	40	3.2MPa
	PA080X060	8.0	6.0	100	19	57	-30℃-100℃	50	2.6MPa
	PA100X070	10.0	7.0	100	15	45	-30℃-100℃	60	2.8MPa
	PA100X075	10.0	7.5	100	15	45	-30℃-100℃	60	2.8MPa
	PA100X080	10.0	8.0	100	15	45	-30℃-100℃	65	2.7MPa
	PA120X080	12.0	8.0	100	19	57	-30℃-100℃	70	3.2MPa
	PA120X090	12.0	9.0	100	19	57	-30℃-100℃	70	3.2MPa
	PA120X100	12.0	10.0	100	19	57	-30℃-100℃	70	2.4MPa
	PA140X100	14.0	10.0	100	19	57	-30℃-100℃	100	2.4MPa
	PA140X110	14.0	11.0	100	19	57	-30℃-100℃	100	2.8MPa
PA tube	PA150X120	15.0	12.0	100	19	57	-30℃-100℃	100	2.8MPa
	PA160X120	16.0	12.0	100	19	57	-30℃-100℃	130	2.8MPa
	PA160X130	16.0	13.0	100	19	57	-30℃-100℃	130	2.8MPa
	PA040X020	4.0	2.0	200	45	135	-40℃-120℃	30	3.4MPa
	PA050X030	5.0	3.0	200	45	135	-40℃-120℃	30	3.4MPa
	PA060X040	6.0	4.0	200	27	81	-40℃-120℃	40	2.8MPa
	PA080X060	8.0	6.0	100	19	57	-40℃-120℃	50	2.6MPa
	PA100X070	10.0	7.0	100	15	45	-40℃-120℃	60	2.6MPa
	PA100X075	10.0	7.5	100	15	45	-40℃-120℃	60	2.6MPa
	PA100X080	10.0	8.0	100	15	45	-40℃-120℃	65	2.0MPa
	PA120X080	12.0	8.0	100	19	57	-40℃-120℃	70	2.6MPa
	PA120X090	12.0	9.0	100	19	57	-40℃-120℃	70	2.6MPa
	PA120X100	12.0	10.0	100	19	57	-40℃-120℃	70	2.6MPa
	PA140X100	14.0	10.0	100	19	57	-40℃-120℃	100	2.2MPa
	PA140X110	14.0	11.0	100	19	57	-40℃-120℃	100	2.0MPa
	PA150X120	15.0	12.0	100	19	57	-40℃-120℃	100	2.0MPa
	PA160X120	16.0	12.0	100	19	57	-40℃-120℃	130	2.0MPa
	PA160X130	16.0	13.0	100	19	57	-40℃-120℃	130	2.0MPa

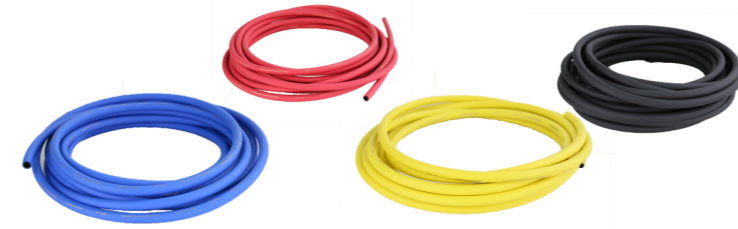
PU cutter



Model: ECP-01

TSB

Flame Resistant Tubing

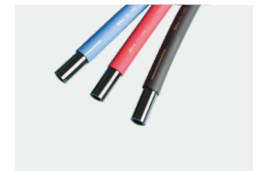


How to Order ?

Series	O.D.	X	I.D.	Length	Color
TSB: Flame resistant tubing	060: 6.0mm		040: 4.0mm	100M: 100m/Roll	BU: Blue B: Black R: Red
	080: 8.0mm		050: 5.0mm		
	100: 10.0mm		065: 6.5mm		
	120: 12.0mm		080: 8.0mm		
	140: 14.0mm		100: 10.0mm		

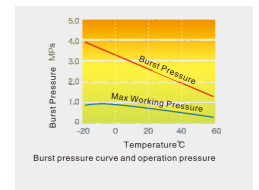
Flame Resistant Tube

Item No.	Tube O.D.(mm)	Tube I.D.(mm)	Outer layer thickness(mm)	Min bending radius(mm)
TSB060X040	6	4	1	15
TSB080X050	8	5	1	28
TSB100X065	10	6.5	1	35
TSB120X080	12	8	1	45
TSB140X100	14	10	2	55



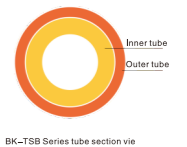
Performance

Fluid	Air ; Water
Max operating pressure (20℃)	1.0MPa
Operation temperature	20 to +60° C, Water : 0 to +40° C (Not freezing)
Material	Inner layer
	Outer layer
	Polyurethane
	Flame resistant polyolefin resin(Same as UL94 standard V0)



Product Feature

- PU anti-spatter tube, inner tube is made of polyurethane and outer coated by flame resistant resin (equal to UL 94 V0), which is flame resistant, anti-spark and anti-spatter.
- While you need use this tube to fit the quick connector, please confirm the length you need, pill of the outer coating, stick the inner tube to the connector.
- Application: Auto welding fixture, welding robot, and other welding machine.



BK-TSB Series tube section vie