

THIS BROCHURE IS AN OVERVIEW OF THE PRODUCTS OF ZHEJIANG BALIWO PNEUMATIC TECHNOLOGY CO.
IF THERE IS ANY DISCREPANCY BETWEEN THE PICTURE AND THE ACTUAL PRODUCT, PLEASE REFER TO THE ACTUAL PRODUCT.
IF YOU NEED MORE INFORMATION ABOUT OUR PRODUCTS, PLEASE CONTACT OUR MARKETING DEPARTMENT.

BALIWO PNEUMATIC TECHNOLOGY



TUBE SERIES CATALOG

TECHNOLOGICAL INNOVATION QUALITY IS PARAMOUNT

浙江巴力沃气动科技有限公司
ZHEJIANG BALIWO PNEUMATIC TECHNOLOGY CO.,LTD

AGENT:

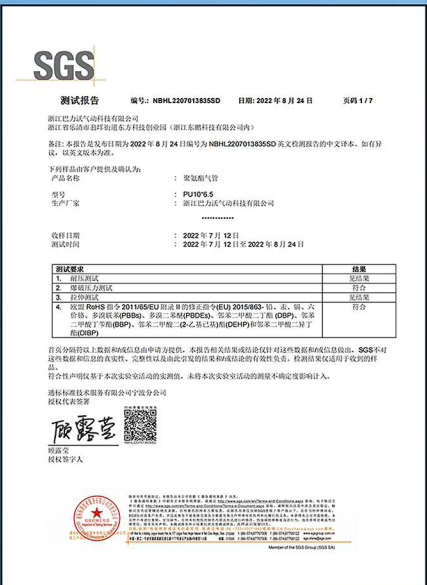


ABOUT US COMPANY BRIEF INTRODUCTION

Zhejiang Baliwo Pneumatic Technology Co., Ltd. is engaged in pneumatic research and development, production, sales as one The high-tech enterprise. The company is located in Yueqing City Weng Xiang Street Oriental Science and technology Pioneer Park, adjacent to the beautiful scenery.

The middle Yandang Mountain is a few kilometers away from Wenzhou Airport, with superior geographical location and convenient transportation.

The company has strong technical force of production equipment and testing means, to provide users with performance products
The main products are: quick - insert pneumatic pipe joint series, muffler series, one-way throttle valve series, hand valve Series, quick connector series, pneumatic components and accessories.



WORK TOGETHER CREATE BRILLIANCE





Product Characteristic

- Has excellent softness,small bending radius;Good shock-resistant;Working temperature and red do wide pressure range.
- Has excellent chemical properties,Minimal pressure loss
Hardness is a constant,The service life is long.
- Avirulent insipidity.
- Can be custom color as needed,Easy to pipeline identification.
- Comply with the ROHS environmental protection requirements.

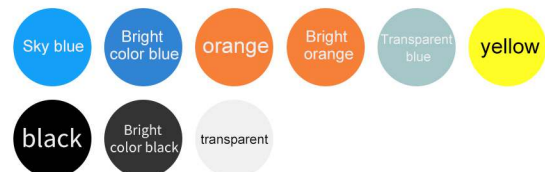


Product Characteristic

- Industrial robots,Pneumatic tools,Assembly pneumatic
- tools,With pressure pipelines,Water and other fluid.
- Can be used as a vacuum suction.
- Metal and electronic products of the protective coat.
- Decorations (handle, etc.).
- Temperature range: about - 27°Cto 70 °C.
- A variety of delivery specifications;
- According to need to customize any specifications of the outside diameter from 1.5 mm to 35 mm.



☐ Custom colors



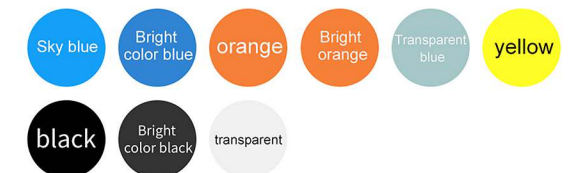
Item No.		Size		
		Inside diameterxouter diameter		Length
		Mm	Mm	
METRIC SYSTEM	TU0302-200M	2	3	200
	TU0425-200M	2.5	4	200
	TU0503-200M	3	5	200
	TU0604-200M	4	6	200
	TU0805-100M	5	8	100
	TU0855-100M	5.5	8	100
	TU0806-100M	6	8	100
	TU1065-100M	6.5	100	100
	TU1008-100M	8	10	100
	TU1208-100M	8	12	100
BRITISH SYSTEM	TU1029-100M	9	12	100
	TU1410-100M	10	14	100
	TU1612-100M	12	16	100
	TU01613-100M	13	16	100
	TU1/8-200M	2	3.2	200
	TU5/32-200M	2.5	4	200
	TU1/4-200M	4.57	6.35	200
	TU05/16-200M	5	8	100
	TU3/8-200M	6.5	9.6	100
	TU1/2-200M	9.6	12.6	100



Product Characteristic

- Corrosion protection, good wear resistance.
- Long service life.
- Good temperature resistance, smooth surface, stable size, small resistance.
- Small permeability, can prevent rust and scale deposition.
- According to need to custom color, easy to pipeline identification.
- Can be in - 40 °C~ 100 °C under the environment of use

☐ Custom colors



Product Characteristic

- Transportation and loading machinery engineering.
- Conveying air, water, oil, chemical solvents, etc.

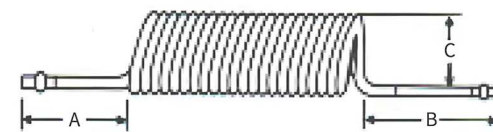
Item No.		Size		Working Pressure	Bursting pressure	Bevel Ling
		Inside diameter outer diameter				
		I	Mm	kgf/cm ¹	kgf/cm ¹	Mm
METRIC SYSTEM	PA-0420	2. 0	4. 0	45	57	30. 0
	PA-0530	3. 0	5. 0	34	43	35. 0
	PA-0640	4. 0	6. 0	27	45	40. 0
	PA-0860	6. 0	8. 0	19	37	50. 0
	PA-1075	7. 5	10. 0	15	45	60. 0
	PA-1080	8. 0	10. 0	15	45	65. 0
	PA-1290	9. 0	12. 0	19	45	70. 0
	PA-1410	10. 0	14. 0	19	37	100. 0
	PA-1612	12. 0	16. 0	19	45	130. 0



Product Charactertic

- In addition to the PU tube characteristics, but also has:
Good elasticity, flexibility, easy to use. Save a space.
- To absorb shock and reduce the pipe friction.
- Size can be custom as needed.

Overall dimensions

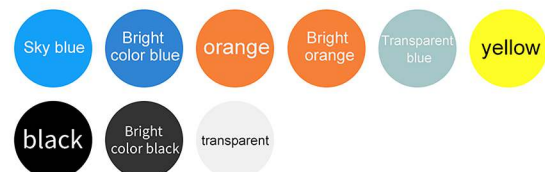


The size of A,B,C can be customized as require

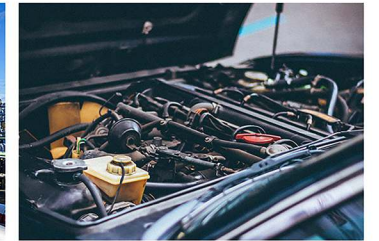
Item No.	Size		
	Inside diameter outer diameter		Length
	Mm	Mm	M
TUL0805-06M	5	8	6
TUL0805-09M	5	8	9
TUL0805-12M	5	8	12
TUL0805-15M	5	8	15
TUL1065-06M	6.5	10	6
TUL1065-09M	6.5	10	9
TUL1065-12M	6.5	10	12
TUL1065-19M	6.5	10	15
TUL1208-06M	8	12	6
TUL1208-09M	8	12	9
TUL1208-12M	8	12	12
TUL1208-15M	8	12	15



Custom colors

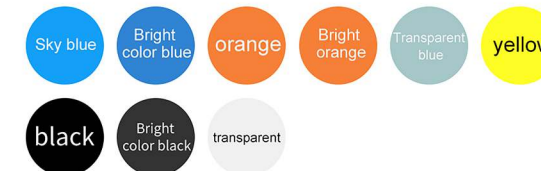


Size	Working Pressure		Bursting pressure		Temperature Range	Weight	Length per roll
(mm)	kgf/cm ²	psi	kgf/cm ²	psi	(℃)	(g/m)	(m)
φ5x8	10	145	30	435	-10~+40	38	6/9/12/15
φ6.5x10	10	145	30	435	-10~+40	55	6/9/12
φ8x12	10	145	30	435	-10~+40	75	6/9/12
φ10x14	10	145	30	435	-10~+40	83	6/9
φ12x16	10	145	30	435	-10~+40	128	6/19



Item No.	Size			Disruptive pressure	Disruptive pressure	
	Inside diameter outer diameter		Length			
	Mm	Mm	M	kgf/cm ²	kgf/cm ²	
METRIC SYSTEM	PE0302-200M	2	3	200	10	32
	PE0425-200M	2.5	4	200	10	32
	PE0503-200M	3	5	200	10	32
	PE0604-200M	4	6	200	8	24
	PE0805-100M	5	8	100	10	32
	PE0855-100M	5.5	8	100	8	24
	PE01065-100M	6.5	10	100	8	24
	PE01208-100M	8	12	100	8	24
	PE01401-100M	10	14	100	8	24
	PE01612-100M	12	16	100	8	24
BRITISH SYSTEM	PE01613-100M	13	16	100	6	18
	PE1/8-200M	2	3.2	200	10	32
	PE5/32-200M	2.5	4	200	10	32
	PE1/4-200M	4.57	6.35	200	8	24
	PE5/16-100M	5	8	100	10	32
	PE3/8-100M	6.5	9.6	100	8	24
	PE1/2-100M	9.6	12.6	100	8	24

Custom colors



Product Charactertic

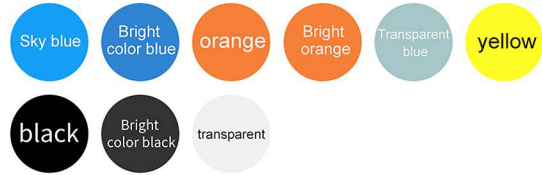
- Has the rubber elasticity, strength and good toughness of engineering plastics,
Under the low temperature - 20 ℃ still maintain its elasticity,
Under the high temperature of 100 ℃ still keep the good mechanical properties,
To creep, impact and flexural fatigue and high resistance. Can resist oil, fuel, solvents and a variety of other chemicals.

Product Charactertic

- Precision cable, automotive tubing, solvent and all kinds of catheter.



Custom colors



Product Use

- Industrial robot
- Pneumatic tools, assembly pneumatic tools.
- With pressure pipelines.
- Water and other liquids.
- Vehicle maintenance and house paint.

Product Characteritic

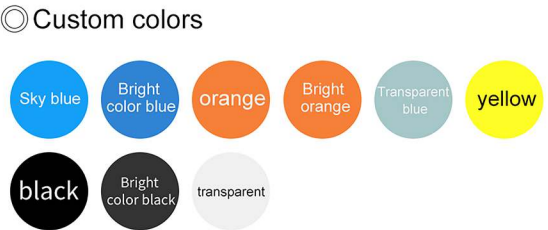
- Has excellent softness and chemical properties.
- Has the good earthquake resistance.
- Qualitative light, small pressure loss, hardness is constant.
- 1.8 times of working pressure is a single layer of PU tube.
- Service life is 2 times more than single layer PU tube.
- Avirulent insipidity.
- According to need to custom color, easy to pipeline identification.
- In accordance with POHS environmental requirements.

Item No.		Size			Working Pressure	Bursting pressure	Bevelling	Weight
		Inside diameter outer diameter		Length				
		Mm	Mm	M	kgf/cm ²	kgf/cm ²	Mm	kg/reel
METRIC SYSTEM	TUB0805-100M	5.0	8.0	100	18.0	55.0	20.0	4.22
	TUB1065-100M	6.5	10.0	100	15.0	45.0	25.0	6.05
	TUB1280-100M	8.0	12.0	100	15.0	45.0	35.0	8.22
	TUB14.5X95-100M	9.5	14.5	100	15.0	45.0	45.0	6.05
	TUB1612-100M	12.0	16.0	100	15.0	45.0	60.0	11.5
	TUB1813-100M	13.0	18.0	100	15.0	45.0	70.0	15
	TUB2519-100M	19.0	25.0	100	15.0	45.0	80.0	26



Product Characteritic

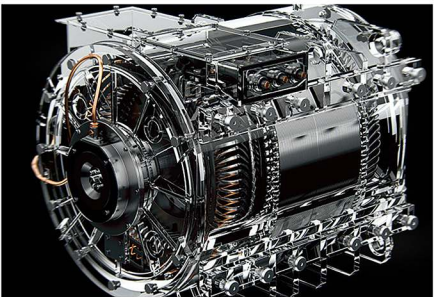
- Material: polyurethane (inner) + (outer) flame retardant PVC
- Hardness: 95 A + 70 A
- Fluid:air
- Environment and the fluid temperature:-10℃~80℃
- Features:Fire flower flame retardant layer of PVC accord with UL94 V - level 0
- flame retardant test standard
- Compression performance is good, inside and outside peel easily



Product Characteritic

- Suitable for industry, agriculture, food, medicine, civil engineering, fisheries, aquaculture, garden irrigation areas
- such as general working pressure of liquid transportation.
- Such as pneumatic pipe, hydraulic pipe, garden hose, pipe, water pipe, oil exploration, sandblasting, peristaltic pump pipe, industrial robot assembly pneumatic tools, pneumatic tools, with pressure pipelines.

Item No		TRS0603	TRS0805	TRS1065	TRS1208
Tupe diameter		6	8	10	12
Tupe diameter		3	5	6.5	8
The pipe color	Black	○	○	○	○
	White	○	○	○	○
	Red		○	○	○
	Bule	○	○	○	○
	Green		○	○	○
The minimum bending radius(mm)		17	19	27	32



◎ Custom colors

Sky blue

Bright color blue

orange

Bright orange

Transparent blue

yellow

black

Bright color black

transparent

Product Charactertic

- Good elasticity, flexibility, easy to use, save a space
- Absorb shock reducing pipe friction
- Two pipe after separation can still maintain a smooth surface
To ensure the best sealing performance and joint.
- Working temperature is about: - 20 °C~ 70 °C.
- According to need to custom color, easy to pipeline identification.
- Comply with the ROHS environmental protection requirements.

Product Use

- Pneumatic tools
- Water and fluid
- Cars, engines and other engineering transport vehicle and loading machinery.
- The special usage environment.

Item No.		Size						Working pressure	Bursting pressure
		Inside diameter		Length					
		Mm	Mm	M				kgf/cm ²	kgf/cm ²
S Y S T E M C	TUTRC0640	4.0	6.0	6.0	9.0	12.0	15.0	10.0	30
	TUTRC0855	5.5	8.0	6.0	9.0	12.0	15.0	8.0	24.0
	TUTRC1065	6.5	10.0	6.0	9.0	12.0	15.0	8.0	24.0
	TUTRC1280	8.0	12.0	6.0	9.0	12.0	15.0	8.0	24.0



◎ Custom colors

Sky blue

Bright color blue

orange

Bright orange

Transparent blue

yellow

black

Bright color black

transparent

Product Charactertic

- The chemical and physical stability of nylon class best.
- With a light, soft, compression, compression, impact resistance, wear resistance, bending resistance, corrosion resistance, high temperature resistant, low friction coefficient.
- The service life is long, etc.
- The pipe size stability.
- The surface is smooth, color diversity, safe and reliable.
- This product is used for work pressure 1.5 ~ 5 mpa, temperature - 30 □ ~ 100 □ under the conditions of work.

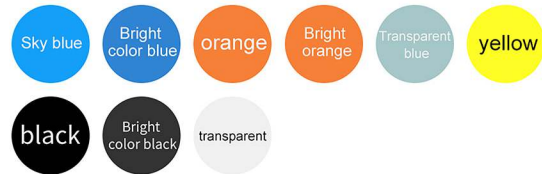
Product Use

- A variety of tractor semi-trailer, trailer, container truck and various air brake pipe connection.

tutns.	Working Length	Spiral Diameter	End Lengh	TubingOD x thickness
	Mm	Mm	Mm	Mm
18	3	114	150	12x1.5
22	3.5	114	150	12x1.5
26	4	114	150	12x1.5
28	4.3	114	150	12x1.5



Custom colors



Product Charactertic

EVA, PU two materials to choose from

- Excellent flexibility, small bending radius, crooked;
- Have high elastic recovery memory effect, resistance to wear and tear, and the impact;
- No corrosive chemicals resistance and tired;
- High quality EVA material, high voltage, resistance to climate;
- Smooth surface, bright color, uniform wall thickness;
- High quality TPU material lightweight resistance, wear resistance, lighter than rubber.

Product Use

- Widely used in all kinds of garden hose, vehicle washing and community factories, household cleaning, particularly suitable for box water wheel.

Size	Inside diameter	Outer Diameter	Lengh
1/4	6	9	10
1/4	6	9	15
1/4	6	9	20
3/8	8	11	10
3/8	8	11	15
3/8	8	11	20

Quick Connect Couplers
c series



Order Code





SM - 20

Port Size	
10:PT1/8	30:PT3/8
20:PT1/4	40:PT1/2

Series

<div>SM</div> <div>Model</div> <div>20 30 40</div>	<div>SF</div> <div>Model</div> <div>20 30 40</div>	<div>SH</div> <div>Model</div> <div>20 30 40</div>	<div>SP</div> <div>Model</div> <div>10 20 30 40</div>	<div>SMV/SMY</div> <div>Model</div> <div>1 2 3 4 5</div>
<div>PM</div> <div>Model</div> <div>20 30 40</div>	<div>PF</div> <div>Model</div> <div>20 30 40</div>	<div>PH</div> <div>Model</div> <div>20 30 40</div>	<div>PP</div> <div>Model</div> <div>10 20 30 40</div>	<div>L-SMV/L-SMY Self-locking Type</div> <div>Model</div> <div>1 2 3 4 5</div>
<div>O-SM(Self-locking Type)</div> <div>Model</div> <div>20 30 40</div>	<div>O-SF(Self-locking Type)</div> <div>Model</div> <div>20 30 40</div>	<div>O-SH(Self-locking Type)</div> <div>Model</div> <div>20 30 40</div>	<div>O-SP(Self-locking Type)</div> <div>Model</div> <div>20 30 40</div>	<div>SML Large Flow</div> <div>Model</div> <div>1 2 3 4 5</div>
<div>O-PM(Self-locking Type)</div> <div>Model</div> <div>20 30 40</div>	<div>O-PF(Self-locking Type)</div> <div>Model</div> <div>20 30 40</div>	<div>O-PH(Self-locking Type)</div> <div>Model</div> <div>20 30 40</div>	<div>O-PP(Self-locking Type)</div> <div>Model</div> <div>20 30 40</div>	<div>Multi-pipe Base Large Flow</div> <div>Model</div> <div>1 2 3 4 5</div>

DUROPLASTS COULPERS

				
ModelModel	ModelModel	ModelModel	ModelModel	ModelModel
LPM-20LSM-20	LPP-20LSP-20	LPH-20LSH-20	LPF-20LSF-20	LSMVLSMY
LPM-30LSM-30	LPP-30LSP-30	LPH-30LSH-30	LPF-30LSF-30	
LPM-40LSM-40	LPP-40LSP-40	LPH-40LSH-40	LPF-40LSF-40	

AR-TS Plastic air gun series

	Model	A	L	T	Accessoris	Qty/CTN
	AR-TS	200mm	110mm	1/4" PT	PM20	200
	AR-TS-L	350mm	270mm	1/4" PT	-	120

A001 Plastic air gun series

	Model	A	L	T	Accessoris	Qty/CTN
	A001	200mm	110mm	1/4" PT	PM20	160
	A001-L	350mm	270mm	1/4" PT	PM20	120

A015 Plastic air gun series

	Model	A	L	T	Accessoris	Qty/CTN
	A015	250mm	110mm	1/4" PT	PM20	160
	A015-L	510mm	270mm	1/4" PT	PM20	120

US standard and British unit convert SI unit

Length: 1in=25.4mm	ift=0.3048	Flow calculation:	Q=Cv x 984=Kv x 1100
Area: 1in²=25.4cm²	ift=0.093m²		Cv=So÷18
Quality: 1lb=453.6g		Output force:	$F=P \frac{D^2 \cdot \pi \cdot 10}{4}$
TEMP.: (°F-32)x5/9=°C	k-273.15=°C		Mark: F=Ideal output (N) P=Air pressure(Bar) D=Piston diameter(cm)
PRES.: 1psi=6.89kpa	1kgf/cm²=98.07kpa	Pressure conversion:	1psi=6.895kpa=0.07kg/cm²=0.06895bar
1bar=100kpa	1bar=14.5psi		1standard atmospere=14.7psi=14.7psi
			=101.3kpa=1.01325bar
			1kg/cm²=98.07kpa=14.22psi

Each kind of material go bea chemistry tchnology auality

Abbreviation	PUR、TPU	PVC-P	PE	Q	PTFE	PA
Anti-wearability	++	O27-32	O100	-	-	o
Heat-resostant and antiaging nature	++	-	+	++	++	o
Weathering resistance	O	O	-	+	++	o
Anti-uv ray performance	O	O	-	+	++	o
Anti-microorganism performance	-	++	+	O	++	+
Water	++≤60°C	++	++	++	++	+
Salt liquor	O	++	++	+	++	+
Acid	O	O	++	-	++	-
Alkali	O	-	++	-	++	+
Oxidant	-	-	-	+	++	-
Solvent	-	-	++	-	++	-
Mineral oil	++	++	++	-	++	++
Gasoline	++	++	++	-	++	++
Surface resustance	10²-10²	10³-10¹³	10²-10¹⁷	10¹³-10¹⁶	10⁴-10¹⁸	10¹⁰-10¹²
Volime resistance	10²-10²	10³-10¹³	10²-10¹⁷	10¹³-10¹⁶	10³-10¹⁷	10¹⁰-10¹⁵
Electric resistant strength	33	23	-	15-25	33	6-60
Food application	-	-	++ *	-	++	-
Spray paint natural	++	O	-	-	-	-
Tackiness	++	+	-	-	-	+

Rating:"++" Good, "+" good, "O" limited, "-" poor, "*" depending on the type of hose All indicated specifications, dimensions and technical data are approximate averages, based on 20°C data