

PNEUMATIC TUBE FITTING

Feature

- ✓ Fast installation, easy and skillful, saving space;
- ✓ Diversified types may satisfy the need of any pneumatic pipe arrangement;
- ✓ Even after installation, the plastic tube can be freely turned;
- ✓ The release ring adopts ellipse design, which makes disassembly more easy;
- ✓ All conical tube threads are pre-coated with teflon leak proof glue, which secures good sealing performance;
- ✓ Excluding Φ16 pipes, all PC and PC straight joints have hexagonal socket, which is convenient for installation at narrow places.

Ordering Code

PC

Model

8

Tube Outer
DIA.

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01

Thread Type &
Size

Specification

Fluid Type	Air, Vacuum
Operating Pressure	0~10.2kgf/cm ² (0~1.0MPa)
Negative Pressure	-750mmHg (10Torr)
Max. Pressure	15.3kgf/cm ² (1.5MPa)
Operating Temperature Range	0~60℃
Tube Material	Nylon and Polyurethane

Tube Outer DIA

	Metric Size						Inch Size					
Code	4	6	8	10	12	16	5/32	3/16	1/4	5/16	3/8	1/2
Dia.	Φ4	6	Φ8	Φ10	Φ12	Φ16	Φ5/32	Φ3/16	Φ1/4	Φ5/16	Φ3/8	Φ1/2

Thread Type & Size

	Metric Size								
Code	M5	M6	M8	M10	M12	M12A	M14	M16	M20
Size	M5x0.8	M6x1	M8x1	M10x1	M12x1.25	M12x1.5	M14x1.5	M16x1.5	M20x1.5

	Taper Pipe Thread (PT)					G - Thread				
Code	01	02	03	04	06	G01	G02	G03	G04	G06
Size	R1/8	R1/4	R3/8	R1/2	R3/4	R1/8	R1/4	R3/8	R1/2	R3/4

	UNF	American Standard Taper Pipe Thread (NPT)				
Code	U10	N01	N02	N03	N04	N06
Size	10-32UNF	NPT1/8	NPT1/4	NPT3/8	NPT1/2	NPT3/4

PNEUMATIC TUBE FITTING

PC

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POC

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PCF

ϕD



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PL

ϕD



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PLF

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Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PC04-M5	PC08-04	PC1/8-01	PC5/16-04	PC1/8-U10	PC1/4-N03
PC04-M6	PC10-01	PC1/8-02	PC 3/8-01	PC1/8-N01	PC5/16-N01
PC04-01	PC10-02	PC5/32-01	PC 3/8-02	PC1/8-N02	PC5/16-N02
PC04-02	PC10-03	PC5/32-02	PC 3/8-03	PC5/32-U10	PC5/16-N03
PC04-03	PC10-04	PC3/16-01	PC 3/8-04	PC5/32-N01	PC3/8-N01
PC06-M5	PC12-01	PC3/16-02	PC 1/2-02	PC5/32-N02	PC3/8-N02
PC06-M6	PC12-02	PC3/16-03	PC 1/2-03	PC3/16-U10	PC3/8-N03
PC06-01	PC12-03	PC1/4-01	PC 1/2-04	PC3/16-N01	PC3/8-N04
PC06-02	PC12-04	PC1/4-02		PC3/16-N02	PC1/2-N02
PC06-03	PC14-03	PC1/4-03		PC3/16-N03	PC1/2-N03
PC08-01	PC14-04	PC5/16-01		PC1/4-U10	PC1/2-N04
PC08-02	PC16-03	PC5/16-02		PC1/4-N01	
PC08-03	PC16-04	PC5/16-03		PC1/4-N02	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
POC04-M5	POC08-04	POC1/8-01	POC5/16-04	POC1/8-U10	POC1/4-N03
POC04-M6	POC10-01	POC1/8-02	POC 3/8-01	POC1/8-N01	POC5/16-N01
POC04-01	POC10-02	POC5/32-01	POC 3/8-02	POC1/8-N02	POC5/16-N02
POC04-02	POC10-03	POC5/32-02	POC 3/8-03	POC5/32-U10	POC5/16-N03
POC04-03	POC10-04	POC3/16-01	POC 3/8-04	POC5/32-N01	POC3/8-N01
POC06-M5	POC12-01	POC3/16-02	POC 1/2-02	POC5/32-N02	POC3/8-N02
POC06-M6	POC12-02	POC3/16-03	POC 1/2-03	POC3/16-U10	POC3/8-N03
POC06-01	POC12-03	POC1/4-01	POC 1/2-04	POC3/16-N01	POC3/8-N04
POC06-02	POC12-04	POC1/4-02		POC3/16-N02	POC1/2-N02
POC06-03	POC14-03	POC1/4-03		POC3/16-N03	POC1/2-N03
POC08-01	POC14-04	POC5/16-01		POC1/4-U10	POC1/2-N04
POC08-02	POC16-03	POC5/16-02		POC1/4-N01	
POC08-03	POC16-04	POC5/16-03		POC1/4-N02	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PCF04-01	PCF10-02	PCF1/8-01	PCF5/16-02	PCF1/8-N01	PCF5/16-N02
PCF04-02	PCF10-03	PCF1/8-02	PCF5/16-03	PCF1/8-N02	PCF5/16-N03
PCF04-03	PCF10-04	PCF5/32-01	PCF5/16-04	PCF5/32-N01	PCF5/16-N04
PCF06-01	PCF12-01	PCF5/32-02	PCF 3/8-01	PCF5/32-N02	PCF3/8-N01
PCF06-02	PCF12-02	PCF3/16-01	PCF 3/8-02	PCF3/16-N01	PCF3/8-N02
PCF06-03	PCF12-03	PCF3/16-02	PCF 3/8-03	PCF3/16-N02	PCF3/8-N03
PCF08-01	PCF12-04	PCF3/16-03	PCF 3/8-04	PCF3/16-N03	PCF3/8-N04
PCF08-02	PCF14-03	PCF1/4-01	PCF 1/2-02	PCF1/4-N01	PCF1/2-N02
PCF08-03	PCF14-04	PCF1/4-02	PCF 1/2-03	PCF1/4-N02	PCF1/2-N03
PCF08-04	PCF16-03	PCF1/4-03	PCF 1/2-04	PCF1/4-N03	PCF1/2-N04
PCF10-01	PCF16-04	PCF5/16-01		PCF5/16-N01	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PL04-M5	PL08-04	PL1/8-01	PL5/16-04	PL1/8-U10	PL1/4-N03
PL04-M6	PL10-01	PL1/8-02	PL 3/8-01	PL1/8-N01	PL5/16-N01
PL04-01	PL10-02	PL5/32-01	PL 3/8-02	PL1/8-N02	PL5/16-N02
PL04-02	PL10-03	PL5/32-02	PL 3/8-03	PL5/32-U10	PL5/16-N03
PL04-03	PL10-04	PL3/16-01	PL 3/8-04	PL5/32-N01	PL3/8-N01
PL06-M5	PL12-01	PL3/16-02	PL 1/2-02	PL5/32-N02	PL3/8-N02
PL06-M6	PL12-02	PL3/16-03	PL 1/2-03	PL3/16-U10	PL3/8-N03
PL06-01	PL12-03	PL1/4-01	PL1/2-04	PL3/16-N01	PL3/8-N04
PL06-02	PL12-04	PL1/4-02		PL3/16-N02	PL1/2-N02
PL06-03	PL14-03	PL1/4-03		PL3/16-N03	PL1/2-N03
PL08-01	PL14-04	PL5/16-01		PL1/4-U10	PL1/2-N04
PL08-02	PL16-03	PL5/16-02		PL1/4-N01	
PL08-03	PL16-04	PL5/16-03		PL1/4-N02	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PLF04-01	PLF10-02	PLF1/8-01	PLF5/16-02	PLF1/8-N01	PLF5/16-N02
PLF04-02	PLF10-03	PLF1/8-02	PLF5/16-03	PLF1/8-N02	PLF5/16-N03
PLF04-03	PLF10-04	PLF5/32-01	PLF5/16-04	PLF5/32-N01	PLF5/16-N04
PLF06-01	PLF12-01	PLF5/32-02	PLF 3/8-01	PLF5/32-N02	PLF3/8-N01
PLF06-02	PLF12-02	PLF3/16-01	PLF 3/8-02	PLF3/16-N01	PLF3/8-N02
PLF06-03	PLF12-03	PLF3/16-02	PLF 3/8-03	PLF3/16-N02	PLF3/8-N03
PLF08-01	PLF12-04	PLF3/16-03	PLF 3/8-04	PLF3/16-N03	PLF3/8-N04
PLF08-02	PLF14-03	PLF1/4-01	PLF 1/2-02	PLF1/4-N01	PLF1/2-N02
PLF08-03	PLF14-04	PLF1/4-02	PLF 1/2-03	PLF1/4-N02	PLF1/2-N03
PLF08-04	PLF16-03	PLF1/4-03	PLF 1/2-04	PLF1/4-N03	PLF1/2-N04
PLF10-01	PLF16-04	PLF5/16-01		PLF5/16-N01	

PNEUMATIC TUBE FITTING

PLH



PLL



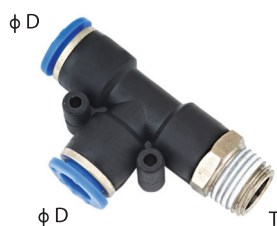
PT



PTF



PST



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PLH04-M5	PLH08-02	PLH1/8-01	PLH3/8-01	PLH1/8-U10	PLH5/16-N02
PLH04-M6	PLH08-03	PLH1/8-02	PLH3/8-02	PLH1/8-N01	PLH5/16-N03
PLH04-01	PLH08-04	PLH5/32-01	PLH 3/8-03	PLH1/8-N02	PLH3/8-N01
PLH04-02	PLH10-01	PLH5/32-02	PLH 3/8-04	PLH5/32-U10	PLH3/8-N02
PLH04-03	PLH10-02	PLH1/4-01	PLH 1/2-02	PLH5/32-N01	PLH3/8-N03
PLH06-M5	PLH10-03	PLH1/4-02	PLH 1/2-03	PLH5/32-N02	PLH3/8-N04
PLH06-M6	PLH10-04	PLH1/4-03	PLH1/2-04	PLH1/4-U10	PLH1/2-N02
PLH06-01	PLH12-01	PLH5/16-01		PLH1/4-N01	PLH1/2-N03
PLH06-02	PLH12-02	PLH5/16-02		PLH1/4-N02	PLH1/2-N04
PLH06-03	PLH12-03	PLH5/16-03		PLH1/4-N03	
PLH08-01	PLH12-04	PLH5/16-04		PLH5/16-N01	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PLL04-M5	PLL08-04	PLL1/8-01	PLL5/16-04	PLL1/8-U10	PLL1/4-N03
PLL04-M6	PLL10-01	PLL1/8-02	PLL 3/8-01	PLL1/8-N01	PLL5/16-N01
PLL04-01	PLL10-02	PLL5/32-01	PLL3/8-02	PLL1/8-N02	PLL5/16-N02
PLL04-02	PLL10-03	PLL5/32-02	PLL 3/8-03	PLL5/32-U10	PLL5/16-N03
PLL04-03	PLL10-04	PLL3/16-01	PLL 3/8-04	PLL5/32-N01	PLL3/8-N01
PLL06-M5	PLL12-01	PLL3/16-02	PLL 1/2-02	PLL5/32-N02	PLL3/8-N02
PLL06-M6	PLL12-02	PLL3/16-03	PLL 1/2-03	PLL3/16-U10	PLL3/8-N03
PLL06-01	PLL12-03	PLL1/4-01	PLL1/2-04	PLL3/16-N01	PLL3/8-N04
PLL06-02	PLL12-04	PLL1/4-02		PLL3/16-N02	PLL1/2-N02
PLL06-03	PLL14-03	PLL1/4-03		PLL3/16-N03	PLL1/2-N03
PLL08-01	PLL14-04	PLL5/16-01		PLL1/4-U10	PLL1/2-N04
PLL08-02	PLL16-03	PLL5/16-02		PLL1/4-N01	
PLL08-03	PLL16-04	PLL5/16-03		PLL1/4-N02	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PT04-M5	PT08-04	PT1/8-01	PT5/16-04	PT1/8-U10	PT1/4-N03
PT04-M6	PT10-01	PT1/8-02	PT 3/8-01	PT1/8-N01	PT5/16-N01
PT04-01	PT10-02	PT5/32-01	PT3/8-02	PT1/8-N02	PT5/16-N02
PT04-02	PT10-03	PT5/32-02	PT 3/8-03	PT5/32-U10	PT5/16-N03
PT04-03	PT10-04	PT3/16-01	PT 3/8-04	PT5/32-N01	PT3/8-N01
PT06-M5	PT12-01	PT3/16-02	PT 1/2-02	PT5/32-N02	PT3/8-N02
PT06-M6	PT12-02	PT3/16-03	PT 1/2-03	PT3/16-U10	PT3/8-N03
PT06-01	PT12-03	PT1/4-01	PT1/2-04	PT3/16-N01	PT3/8-N04
PT06-02	PT12-04	PT1/4-02		PT3/16-N02	PT1/2-N02
PT06-03	PT14-03	PT1/4-03		PT3/16-N03	PT1/2-N03
PT08-01	PT14-04	PT5/16-01		PT1/4-U10	PT1/2-N04
PT08-02	PT16-03	PT5/16-02		PT1/4-N01	
PT08-03	PT16-04	PT5/16-03		PT1/4-N02	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PTF04-01	PTF10-02	PTF1/8-01	PTF5/16-02	PTF1/8-N01	PTF5/16-N02
PTF04-02	PTF10-03	PTF1/8-02	PTF5/16-03	PTF1/8-N02	PTF5/16-N03
PTF04-03	PTF10-04	PTF5/32-01	PTF5/16-04	PTF5/32-N01	PTF5/16-N04
PTF06-01	PTF12-01	PTF5/32-02	PTF 3/8-01	PTF5/32-N02	PTF3/8-N01
PTF06-02	PTF12-02	PTF3/16-01	PTF 3/8-02	PTF3/16-N01	PTF3/8-N02
PTF06-03	PTF12-03	PTF3/16-02	PTF 3/8-03	PTF3/16-N02	PTF3/8-N03
PTF08-01	PTF12-04	PTF3/16-03	PTF 3/8-04	PTF3/16-N03	PTF3/8-N04
PTF08-02	PTF14-03	PTF1/4-01	PTF 1/2-02	PTF1/4-N01	PTF1/2-N02
PTF08-03	PTF14-04	PTF1/4-02	PTF 1/2-03	PTF1/4-N02	PTF1/2-N03
PTF08-04	PTF16-03	PTF1/4-03	PTF 1/2-04	PTF1/4-N03	PTF1/2-N04
PTF10-01	PTF16-04	PTF5/16-01		PTF5/16-N01	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PST04-M5	PST08-04	PST1/8-01	PST5/16-04	PST1/8-U10	PST1/4-N03
PST04-M6	PST10-01	PST1/8-02	PST 3/8-01	PST1/8-N01	PST5/16-N01
PST04-01	PST10-02	PST5/32-01	PST3/8-02	PST1/8-N02	PST5/16-N02
PST04-02	PST10-03	PST5/32-02	PST3/8-03	PST5/32-U10	PST5/16-N03
PST04-03	PST10-04	PST3/16-01	PST 3/8-04	PST5/32-N01	PST3/8-N01
PST06-M5	PST12-01	PST3/16-02	PST 1/2-02	PST5/32-N02	PST3/8-N02
PST06-M6	PST12-02	PST3/16-03	PST 1/2-03	PST3/16-U10	PST3/8-N03
PST06-01	PST12-03	PST1/4-01	PST1/2-04	PST3/16-N01	PST3/8-N04
PST06-02	PST12-04	PST1/4-02		PST3/16-N02	PST1/2-N02
PST06-03	PST14-03	PST1/4-03		PST3/16-N03	PST1/2-N03
PST08-01	PST14-04	PST5/16-01		PST1/4-U10	PST1/2-N04
PST08-02	PST16-03	PST5/16-02		PST1/4-N01	
PST08-03	PST16-04	PST5/16-03		PST1/4-N02	

PNEUMATIC TUBE FITTING

PWT



PH



PHF



PMF



PKB



Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PWT04-M5	PWT08-04	PWT1/8-01	PWT5/16-04	PWT1/8-U10	PWT1/4-N03
PWT04-M6	PWT10-01	PWT1/8-02	PWT 3/8-01	PWT1/8-N01	PWT5/16-N01
PWT04-01	PWT10-02	PWT5/32-01	PWT 3/8-02	PWT1/8-N02	PWT5/16-N02
PWT04-02	PWT10-03	PWT5/32-02	PWT 3/8-03	PWT5/32-U10	PWT5/16-N03
PWT04-03	PWT10-04	PWT3/16-01	PWT 3/8-04	PWT5/32-N01	PWT3/8-N01
PWT06-M5	PWT12-01	PWT3/16-02	PWT 1/2-02	PWT5/32-N02	PWT3/8-N02
PWT06-M6	PWT12-02	PWT3/16-03	PWT 1/2-03	PWT3/16-U10	PWT3/8-N03
PWT06-01	PWT12-03	PWT1/4-01	PWT 1/2-04	PWT3/16-N01	PWT3/8-N04
PWT06-02	PWT12-04	PWT1/4-02		PWT3/16-N02	PWT1/2-N02
PWT06-03	PWT14-03	PWT1/4-03		PWT3/16-N03	PWT1/2-N03
PWT08-01	PWT14-04	PWT5/16-01		PWT1/4-U10	PWT1/2-N04
PWT08-02	PWT16-03	PWT5/16-02		PWT1/4-N01	
PWT08-03	PWT16-04	PWT5/16-03		PWT1/4-N02	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PH04-M5	PH08-04	PH1/8-01	PH5/16-04	PH1/8-U10	PH1/4-N03
PH04-M6	PH10-01	PH1/8-02	PH 3/8-01	PH1/8-N01	PH5/16-N01
PH04-01	PH10-02	PH5/32-01	PH 3/8-02	PH1/8-N02	PH5/16-N02
PH04-02	PH10-03	PH5/32-02	PH 3/8-03	PH5/32-U10	PH5/16-N03
PH04-03	PH10-04	PH3/16-01	PH 3/8-04	PH5/32-N01	PH3/8-N01
PH06-M5	PH12-01	PH3/16-02	PH 1/2-02	PH5/32-N02	PH3/8-N02
PH06-M6	PH12-02	PH3/16-03	PH 1/2-03	PH3/16-U10	PH3/8-N03
PH06-01	PH12-03	PH1/4-01	PH 1/2-04	PH3/16-N01	PH3/8-N04
PH06-02	PH12-04	PH1/4-02		PH3/16-N02	PH1/2-N02
PH06-03	PH14-03	PH1/4-03		PH3/16-N03	PH1/2-N03
PH08-01	PH14-04	PH5/16-01		PH1/4-U10	PH1/2-N04
PH08-02	PH16-03	PH5/16-02		PH1/4-N01	
PH08-03	PH16-04	PH5/16-03		PH1/4-N02	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PHF04-01	PHF10-02	PHF1/8-01	PHF5/16-02	PHF1/8-N01	PHF5/16-N02
PHF04-02	PHF10-03	PHF1/8-02	PHF5/16-03	PHF1/8-N02	PHF5/16-N03
PHF04-03	PHF10-04	PHF5/32-01	PHF5/16-04	PHF5/32-N01	PHF5/16-N04
PHF06-01	PHF12-01	PHF5/32-02	PHF 3/8-01	PHF5/32-N02	PHF3/8-N01
PHF06-02	PHF12-02	PHF3/16-01	PHF 3/8-02	PHF3/16-N01	PHF3/8-N02
PHF06-03	PHF12-03	PHF3/16-02	PHF 3/8-03	PHF3/16-N02	PHF3/8-N03
PHF08-01	PHF12-04	PHF3/16-03	PHF 3/8-04	PHF3/16-N03	PHF3/8-N04
PHF08-02	PHF14-03	PHF1/4-01	PHF 1/2-02	PHF1/4-N01	PHF1/2-N02
PHF08-03	PHF14-04	PHF1/4-02	PHF 1/2-03	PHF1/4-N02	PHF1/2-N03
PHF08-04	PHF16-03	PHF1/4-03	PHF 1/2-04	PHF1/4-N03	PHF1/2-N04
PHF10-01	PHF16-04	PHF5/16-01		PHF5/16-N01	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PMF04-01	PMF10-02	PMF1/8-01	PMF5/16-02	PMF1/8-N01	PMF5/16-N02
PMF04-02	PMF10-03	PMF1/8-02	PMF5/16-03	PMF1/8-N02	PMF5/16-N03
PMF04-03	PMF10-04	PMF5/32-01	PMF5/16-04	PMF5/32-N01	PMF5/16-N04
PMF06-01	PMF12-01	PMF5/32-02	PMF 3/8-01	PMF5/32-N02	PMF3/8-N01
PMF06-02	PMF12-02	PMF3/16-01	PMF 3/8-02	PMF3/16-N01	PMF3/8-N02
PMF06-03	PMF12-03	PMF3/16-02	PMF 3/8-03	PMF3/16-N02	PMF3/8-N03
PMF08-01	PMF12-04	PMF3/16-03	PMF 3/8-04	PMF3/16-N03	PMF3/8-N04
PMF08-02	PMF14-03	PMF1/4-01	PMF 1/2-02	PMF1/4-N01	PMF1/2-N02
PMF08-03	PMF14-04	PMF1/4-02	PMF 1/2-03	PMF1/4-N02	PMF1/2-N03
PMF08-04	PMF16-03	PMF1/4-03	PMF 1/2-04	PMF1/4-N03	PMF1/2-N04
PMF10-01	PMF16-04	PMF5/16-01		PMF5/16-N01	

Tube(Metric) - Thread(R)		Tube(Inch) - Thread(R)		Tube(Inch) - Thread(NPT)	
PKB04-M5	PKB06-01	PKB5/32-01	PKB5/16-01	PKB5/32-U10	PKB1/4-N02
PKB04-M6	PKB06-02	PKB5/32-02	PKB5/16-02	PKB5/32-N01	PKB1/4-N03
PKB04-01	PKB06-03	PKB1/4-01	PKB5/16-03	PKB5/32-N02	PKB5/16-N01
PKB04-02	PKB08-01	PKB1/4-02	PKB5/16-04	PKB1/4-U10	PKB5/16-N02
PKB04-03	PKB08-02	PKB1/4-03		PKB1/4-N01	PKB5/16-N03
PKB06-M5	PKB08-03				
PKB06-M6	PKB08-04				