

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

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PL

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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	