

# QUICK FITTINGS

## Specifications

Fluid	Air, Water
Maximum Pressure kgf/cm <sup>2</sup>	10
Temperature Range °C	+15 ~ +60
Tube Material	Nylon and Polyurethane
Color	Grey / white



PC

### MALE CONNECTOR

PT	Tube Diameter D(mm) Ø (mm) / MODEL					
	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16
M5	PC-M5-04	PC-M5-06	-	-	-	-
1/8	PC01-04	PC01-06	PC01-08	PC01-010	PC01-012	-
1/4	PC02-04	PC02-06	PC02-08	PC02-010	PC02-012	PC02-016
3/8	-	PC03-06	PC03-08	PC03-010	PC03-012	PC03-016
1/2	-	PC04-06	PC04-08	PC04-010	PC04-012	PC04-016



PCF

### FEMALE CONNECTOR

PT	Tube Diameter D(mm) Ø (mm) / MODEL					
	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16
M5	PCF-M5-04	PCF-M5-06	-	-	-	-
1/8	PCF01-04	PCF01-06	PCF01-08	PCF01-010	-	-
1/4	PCF02-04	PCF02-06	PCF02-08	PCF02-010	PCF02-012	-
3/8	-	PCF03-06	PCF03-08	PCF03-010	PCF03-012	PCF03-016
1/2	-	PCF04-06	PCF04-08	PCF04-010	PCF04-012	PCF04-016



PL

### MALE ELBOW CONNECTOR

PT	Tube Diameter D(mm) Ø (mm) / MODEL					
	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16
M5	PL-M5-04	PL-M5-06	-	-	-	-
1/8	PL01-04	PL01-06	PL01-08	PL01-010	PL01-012	-
1/4	PL02-04	PL02-06	PL02-08	PL02-010	PL02-012	PL02-016
3/8	-	PL03-06	PL03-08	PL03-010	PL03-012	PL03-016
1/2	-	PL04-06	PL04-08	PL04-010	PL04-012	PL04-016



PWT

### MALE BRANCH TEE CONNECTOR

PT	Tube Diameter D(mm) Ø (mm) / MODEL					
	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16
M5	PWT-M5-04	PWT-M5-06	-	-	-	-
1/8	PWT01-04	PWT01-06	PWT01-08	PWT01-010	-	-
1/4	PWT02-04	PWT02-06	PWT02-08	PWT02-010	PWT02-012	PWT02-016
3/8	-	PWT03-06	PWT03-08	PWT03-010	PWT03-012	PWT03-016
1/2	-	PWT04-06	PWT04-08	PWT04-010	PWT04-012	PWT04-016

# Airmatic



PD

### MALE RUNTEE CONNECTOR

PT	Tube Diameter D(mm) Ø (mm) / MODEL					
	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16
M5	PD-M5-04	PD-M5-06	-	-	-	-
1/8	PD01-04	PD01-06	PD01-08	PD01-010	PD01-012	-
1/4	PD02-04	PD02-06	PD02-08	PD02-010	PD02-012	PD02-016
3/8	-	PD03-06	PD03-08	PD03-010	PD03-012	PD03-016
1/2	-	PD04-06	PD04-08	PD04-010	PD04-012	PD04-016



PX

### Y CONNECTOR

PT	Tube Diameter D(mm) Ø (mm) / MODEL					
	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16
M5	PX-M5-04	PX-M5-06	-	-	-	-
1/8	PX01-04	PX01-06	PX01-08	PX01-010	PX01-012	-
1/4	PX02-04	PX02-06	PX02-08	PX02-010	PX02-012	PX02-016
3/8	-	PX03-06	PX03-08	PX03-010	PX03-012	PX03-016
1/2	-	PX04-06	PX04-08	PX04-010	PX04-012	PX04-016



PLL

### EXTENDED MALE ELBOW CONNECTOR

PT	Tube Diameter D(mm) Ø (mm) / MODEL					
	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16
M5	PLL4-M5	PLL6-M5	-	-	-	-
1/8	PLL4-01	PLL6-01	PLL8-01	PLL10-01	-	-
1/4	PLL4-02	PLL6-02	PLL8-02	PLL10-02	PLL12-02	-
3/8	-	PLL6-03	PLL8-03	PLL10-03	PLL12-03	PLL16-03
1/2	-	PLL6-04	PLL8-04	PLL10-04	PLL12-04	PLL16-04



PLF

### PLF FEMALE ELBOW CONNECTOR

PT	Tube Diameter D(mm) Ø (mm) / MODEL					
	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16
M5	PLF4-M5	PLF6-M5	-	-	-	-
1/8	PLF4-01	PLF6-01	PLF8-01	PLF10-01	-	-
1/4	PLF4-02	PLF6-02	PLF8-02	PLF10-02	PLF12-02	-
3/8	-	PLF6-03	PLF8-03	PLF10-03	PLF12-03	PLF16-03
1/2	-	PLF6-04	PLF8-04	PLF10-04	PLF12-04	PLF16-04

## Model ordering Code Instruction.

Type	PC	02	10	08
Quick Fitting	T	T	T	T
PC - St. Connector	M5 - M5	04 - 4mm	06 - 6mm	08 - 8mm
PL - Elbow Connector	01 - G 1/8	02 - G 1/4	03 - G 3/8	04 - G 1/2
PWT - Tee Connector	01 - G 1/8	02 - G 1/4	03 - G 3/8	04 - G 1/2
PSC - Flow control valve	01 - G 1/8	02 - G 1/4	03 - G 3/8	04 - G 1/2
PH - Male Banjo connector	01 - G 1/8	02 - G 1/4	03 - G 3/8	04 - G 1/2

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QUICK FITTING CAT

PEG



PEG T DIFFERENT UNION TEE

MODEL		PEG6-4	PEG8-6	PEG10-8	PEG12-10
TUBE	ØD(mm)	Ø6	Ø8	Ø10	Ø12
	Ød(mm)	Ø4	Ø6	Ø8	Ø10

PSC



PT	Tube Diameter Ø D(mm) / MODEL				
	Ø4	Ø6	Ø8	Ø10	Ø12
M5	PSCM5-04	PSCM5-06	-	-	-
1/8	PSC01-04	PSC01-06	PSC01-08	PSC01-10	-
1/4	PSC02-04	PSC02-06	PSC02-08	PSC02-10	PSC02-12
3/8	-	PSC03-06	PSC03-08	PSC03-10	PSC03-12
1/2	-	PSC04-06	PSC04-08	PSC04-10	PSC04-12

Models	Tube Diameter	UNION ELBOW	PUL
	Ø D (mm)		
PUL4	Ø 4		
PUL6	Ø 6		
PUL8	Ø 8		
PUL10	Ø 10		
PUL12	Ø 12		
PUL16	Ø 16		

Model	Tube Diameter	UNION TEE	PUT
	Ø D (mm)		
PUT4	Ø 4		
PUT6	Ø 6		
PUT8	Ø 8		
PUT10	Ø 10		
PUT12	Ø 12		

Models	Tube Diameter	UNION STRAIGHT	PUC
	Ø D (mm)		
PUC4	Ø 4		
PUC6	Ø 6		
PUC8	Ø 8		
PUC10	Ø 10		
PUC12	Ø 12		

Models	Tube Diameter	Y - UNION	PY
	Ø D (mm)		
PY4	Ø 4		
PY6	Ø 6		
PY8	Ø 8		
PY10	Ø 10		
PY12	Ø 12		

Model	Tube Diameter	UNION CROSS	PZA
	Ø D (mm)		
PZA4	Ø 4		
PZA6	Ø 6		
PZA8	Ø 8		
PZA10	Ø 10		
PZA12	Ø 12		

Models	Tube Diameter	BULK HEAD UNION CONNECTOR	PMM
	Ø D (mm)		
PMM4	Ø 4		
PMM6	Ø 6		
PMM8	Ø 8		
PMM10	Ø 10		
PMM12	Ø 12		

PW



Y REDUCER

MODEL		PW6-4	PW8-6	PW10-8	PW12-10
TUBE	ØD(mm)	Ø6	Ø8	Ø10	Ø12
	Ød(mm)	Ø4	Ø6	Ø8	Ø10

ESA



SPEED CONTROLLER UNION STRAIGHT

MODEL	ESA4	ESA6	ESA8	ESA10	ESA12
TUBE DIAMETER(mm)	Ø4	Ø6	Ø8	Ø10	Ø12

QUICK FITTING CAT

PH



MALE BANJO CONNECTOR

PT	TUBE DIAMETER D(MM) Ø (MM) / MODEL				
	Ø4	Ø6	Ø8	Ø10	Ø12
M5	PH4-M5	PH6-M5	-	-	-
1/8	PH4-01	PH6-01	PH8-01	PH10-01	-
1/4	PH4-02	PH6-02	PH8-02	PH10-02	PH12-02
3/8	-	PH6-03	PH8-03	PH10-03	PH12-03
1/2	-	PH6-04	PH8-04	PH10-04	PH12-04

PHF



FEMALE BANJO CONNECTOR

PT	TUBE DIAMETER D(MM) Ø (MM) MODEL				
	Ø4	Ø6	Ø8	Ø10	Ø12
M5	PHF-M5	PHF6-M5	-	-	-
1/8	PHF4-01	PHF6-01	PHF8-01	PHF10-01	PHF12-01
1/4	PHF4-02	PHF6-02	PHF8-02	PHF10-02	PHF12-02
3/8	-	PHF6-03	PHF8-03	PHF10-03	PHF12-03
1/2	-	PHF6-04	PHF8-04	PHF10-04	PHF12-04

HPFF



HAND VALVE 2/2 UNION STRAIGHT

MODEL	2/2 WAY	
	ØD(mm)	Ø d(mm)
HPFF04-04B	4	4
HPFF06-06B	6	6
HPFF08-08B	8	8
HPFF10-10B	10	10
HPFF12-12B	12	12

PG



REDUCER CONNECTOR

MODEL	TUBE DIAMETER (mm)	TUBE DIAMETER (mm)
PG6-4	Ø6	Ø4
PG8-6	Ø8	Ø6
PG10-8	Ø10	Ø8
PG12-10	Ø12	Ø10

## POLYURETHANE TUBING

### APPLICATION

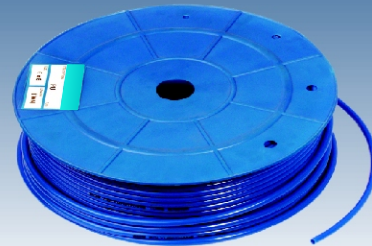
Polyurethane is usually the best choice for applications requiring extensive flexing, a small bend radius or where kinking can be a problem. SHPI uses ether base raw material because it will not break down or be affected in any way by moisture. We also offer the ester base while the ester base compounds are less expensive and generally stronger with higher tensile strengths. As a result, applications should be limited to area of consistent low temperatures and where high and continued flexibility is essential.

Specification	PUW0425	PUW0604	PUW0805	PUW1065	PUW1208
Model	O-Orange; BU-Blue				
Outer Dia (mm)	4	6	8	10	12
Inner Dia (mm)	2.5	4	5	6.5	8
Min. Winding Radius (mm)	10	15	20	27	35
Material	PU - Polyurethane				
Fluid	Air, Water				
Max. Pressure (Kg/cm <sup>2</sup> )	10				
Temperature Range (°C)	-20 ~ +70				

### Model ordering Code Instruction.

U 98 08 05 BL  
T T T T T  
PU TUBE Hardness Tube O.D Tube I.D Color  
98 - Ester base 08-8mm 05-5mm BL - Blue  
99 - Ether base OR - Orange

PUW



### SPECIFICATION

Very kinky Resistant.....tight places.  
Excellent Memory.....Withstands abuse that would damage other plastic tubing  
Very Abrasive Resistant.....Tolerates repeated flexing  
Low Gas Permeability.....Outlasts other tubing, suitable for conveying abrasives  
Low Extractable.....Reduces leak & contamination problems  
Low Compression.....No plasticizers to leach or contaminate the media  
Broad Resistance.....Maintains optimal physical properties  
To chemicals, water, fuel, oil and fungus

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