



## PC

### ONE-TOUCH FITTING

- Fitting and tube can be easily connected and disconnected in one motion.

### Tube Attachment

Disconnection - A secure connection is made by inserting the tube so that the ends touch, and disconnection is completed by simply pressing the sleeve with your finger and pulling the tube, which takes only 1-2 seconds. No tools are required for connecting or disconnecting the tube.

### Piping function in narrow spaces

- The PC type is efficient for piping in narrow spaces because the inside and outside are hexagonal, and the screw part is sealed, making installation easy. (Seal coating on the screw part)

Fluid used	AIR (for compressed air only)	
Operating pressure	0 ~ 150 PSI	0~9.9Kg F/cm (0~990K Pa)
Negative pressure	-29.5 in Hg	-750mm Hg (10Torr)
Operating temperature range	32 ~140°F	0 ~60°C

PRESSURE RESISTANCE	10.5Kg f/cm <sup>2</sup> (1050Kpa)
MAX.WORKING PRESSURE	7Kg f/cm <sup>2</sup> (700Kpa)
MIN. WORKING PRESSURE	1Kg f/cm <sup>2</sup> (100Kpa)
ADJUSTED TEMP & FLUID TEMP	5~60°C

PC	08	1/8
Model type	Hose size (φD)	Screw size

### TUBE OUTER DIA

Metric Size							Inch Size				
CODE	4	6	8	10	12	16	5/32	1/14	5/16	3/8	1/2
Tube outer diametermm	f4	f6	f8	f10	f12	f16	f5/32	φ1/14	f5/16	φ3/8	φ1/2

### Thread Type And Size

Metric Size					
CODE	M5	M6	M8	M10	M12
Tube outer diametermm	M5*0.8	M6*1	M8*1	M10*1	M12*1.25

Taper Pipe Thread55				
CODE	01	02	03	04
Tube outer diametermm	R1/8	R1/4	R3/8	R1/2

### PC Product Code

MODEL( $\phi$ D-T)					
Tube(Metric)-R Thread(PT)			Tube(Inch)-Thread(NPT)		
PC 04-M5	PC 08-1/8	PC 12-1/8	PC 5/32-U	PC 1/4-U	PC 3/8-N1
PC 04-M6	PC 08-1/4	PC 12-1/4	PC 5/32-N1	PC 1/4-N1	PC 3/8-N2
PC 04-1/8	PC 08-3/8	PC 12-3/8	PC 5/32-N2	PC 1/4-N2	PC 3/8-N3
PC 04-1/4	PC 08-1/2	PC 12-1/2	PC 5/32-N3	PC 1/4-N3	PC 3/8-N4
PC 04-3/8	PC 10-1/8	PC 16-3/8	PC 3/16-U	PC 1/4-N4	PC 1/2-N1
PC 06-M5	PC 10-1/4	PC 16-1/2	PC 3/16-N1	PC 5/16-N1	PC 1/2-N2
PC 06-M6	PC 10-3/8		PC 3/16-N2	PC 5/16-N2	PC 1/2-N3
PC 06-1/8	PC 10-1/2		PC 3/16-N3	PC 5/16-N3	PC 1/2-N4
PC 06-1/4				PC 5/16-N4	
PC 06-3/8					
PC 06-1/2					