

# Tube Fitting PP type



## Characteristics

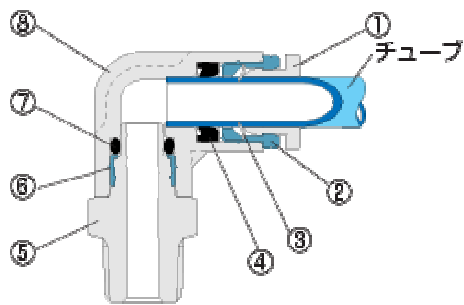
- PP (Polypropylene) is applied for the body material to adapt to clean environment.
- The screw material can be chosen from PP and SUS304 depending on applications.
- EPDM is applied for seal material (fluoric and nitrile rubber specification can be chosen upon request.).
- Complete oil-prohibited specification contributes to various applications.
- No metal component is exposed to fluid admitted except for SUS304 screw type.
- Clear (semitransparent) color used for the resin body makes it possible to check visually the fluid (liquid) inside and sanitary conditions.
- The weight of all PP made type is less than half of the standard Tube Fitting series.
- Clean-room specification is available.

## Specifications

Fluid admitted	Air, water, other chemicals (conditional)
Service pressure range	150psi (1MPa)
Working vacuum	-29.5in.Hg (-100kPa)
Service temperature range	-4~176 deg.F (-20~80 deg.C)

1. Please keep surge pressure under Max. pressure range when the tube is used with thermal oil and water.
2. Be sure to install the insert ring when it is used with water or other liquids.
3. Since there are cases where our specifications may differ from others in some respects for chemicals, solvents, mixed gases, etc. use. Please make inquiries about these use to the nearest sales offices.

## Constructions (Elbow : PPL)

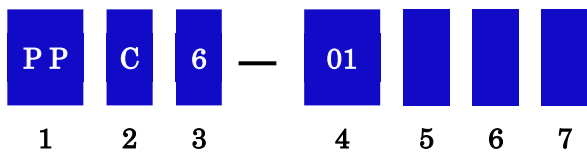


1.Release ring	Polypropylene
2.Guide ring	SUS304
3.Lock claw	Stainless
4.Elastic sleeve	Ethylene propylene rubber (EPDM)**
5.Screw body	Polypropylene
6.Press fitted ring	SUS304
7.O-ring	ethylene propylene rubber (EPDM)**
8.Resin body	Polypropylene
9.Screw body	SUS304

Screw body = SUS304

\*\* FKM and Nitrile rubber specifications are available upon request

## Model Designation (Example)



### 1.Resin made PP(Polypropylene) Quick-Fitting Joint

### 2.Type

### 3.Tube size

Tube size	mm size				
Code	4	6	8	10	12
Tube O.D. (mm)	φ4	φ6	φ8	φ10	φ12

### 4.Thread size

Thread size	Metric (mm)	Taper pipe thread			
Code	M5	01	02	03	04
Size	M5×0.8	R1/8	R1/4	R3/8	R1/2

5.Screw Material No code : Polypropylene SUS : SUS304

### 6.Package Specification

No code : Standard package

C : Clean room package

### 7.Sealock (screw material : only SUS304)

No code : without Sealock S : Sealock treated