

Tube Fitting Chemical Type



Characteristics

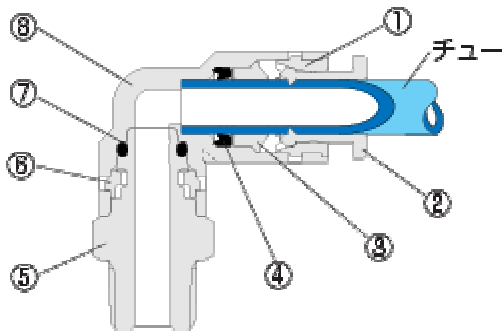
- The fitting is made of PPS(polyphenylene sulfide), which possesses excellent heat resistance, noncombustible (UL94 V-0) and chemical resistance and the seal is made of fluorine rubber, to meet a wide variety of applications.
- There is not need to worry about rust because the fitting is all-resin made.
- Since it conforms to the Food Sanitation Act and is completely oil-prohibited specifications, it is best suitable for food-related applications.
- One-touch mechanism contributed to easy fitting of tubes.
- The weight is about 1/3 that of standard fitting, and 1/5 that of SUS316 compression fitting.
- It is compatible with special rubber specifications (Material : EPDM and NBR).
- Clean-room package is optional(class 1000).

Specifications

Fluid admitted	Air, water, other chemicals (conditional)
Service pressure range	0.9MPa
Working vacuum	-100kPa
Service temperature range	0~80□

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.

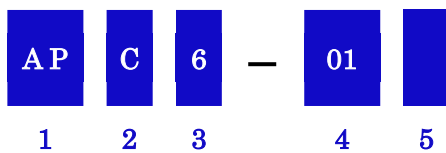
Constructions (Elbow : APL)



1.Tapered sleeve	polyphenylene sulfide (Glass 30% included)
2.Collet	polyphenylene sulfide (Glass 30% included)
3.Tapered bush	polyphenylene sulfide (Glass 30% included)
4.Elastic sleeve	Fluoric rubber (FKM)**
5.Screw component	polyphenylene sulfide (Glass 30% included)
6.C-ring	polyphenylene sulfide (Glass 30% included)
7.O-ring	Fluoric rubber (FKM)**
8.Resin body	polyphenylene sulfide (Glass 30% included)

** EPDM and Nitrile rubber specifications are available upon request.

Model Designation (Example)



1.All-resin made (PPS) 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	Taper pipe thread			
Code	01	02	03	04
R	R1/8	R1/4	R3/8	R1/2

5.Package specification No code : Standard package C : Clean room package