

Tube Fitting Anti-spatter Series

PISCO®

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Anti-spatter flame-retardant resin Push-in fittings

⚠ Safety instructions for this product

Safety instructions, Common safety instructions for each product category and Detailed safety instructions for each product are in the end of this catalog and our website.

Fitting

Model Designation (Example)



(1) Tube Fitting

(3) Tube dia. (øD)

(2) Type

Code	4	6	8	10	12
Tube O.D.(mm)	ø4	ø6	ø8	ø10	ø12

(4) Thread size (R)

Code	Metric thread		Taper pipe thread				National pipe thread tapered			
	M5	M6	01	02	03	04	N1U	N2U	N3U	N4U
Size	M5×0.8	M6×1.0	R1/8	R1/4	R3/8	R1/2	NPT1/8	NPT1/4	NPT3/8	NPT1/2

(5) Flame retardant resin (Code: V-0)

UL94 V-0 UL94 is specified by Underwriters Laboratories Inc. .
Ranking of self-extinguishing materials is divided into V-0, V-1, V-2, and HB. V-0 is the most severe ranking among UL94V class.

Related Products



Anti-spatter Tube ▶ P.108
Tube Stripper for Anti-spatter Tube ▶ P.114

Characteristics

The fitting made of a flame-retardant resin is highly resistant to flame and spark. (UL94 V-0 equivalent)

Suitable for environment where spatter is generated. The cover prevents malfunction of the release ring due to spatter.

It can prevent the entry of fine weld spatter.

By installing an optional release-ring cover (CS), the entry of fine spatter from the clearance between the release-ring and the tube can be prevented.

Specifications

Fluid medium	Air, Water (Conditional*)
Max. operating pressure	0.9 MPa
Max. vacuum	-100 kPa
Operating temp. range	0 to 60°C (no freezing)

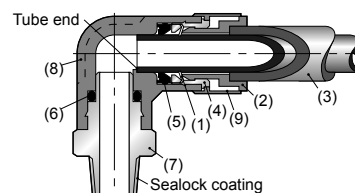
⚠ Warning

*Make sure to follow the instructions below when the fluid medium is water.

1. Surge pressure must be controlled below the maximum operating pressure when using water as a fluid medium.
2. General tap water in Japan, free from foreign substances or contamination, can be used. Carry out the evaluation under an actual operating condition for using other kind of water.
3. Be sure to use Insert Ring (WR) when using water or liquid as a fluid medium.

Sectional drawing

Elbow type: PL-V-0



No.	Parts	Material
(1)	Lock claws	Stainless steel
(2)	Release-ring	Flame retardant resin
(3)	Tube	Anti-spatter tube
(4)	Guide ring	Nickel-plated brass
(5)	Elastic sleeve	NBR
(6)	O-ring	NBR
(7)	Metallic body	Nickel-plated brass
(8)	Resin body	Flame retardant resin
(9)	Cover	Flame retardant resin

*The gasket of Metric thread (M5, M6) is SUS304 + NBR.

Type		Model code PCøD-R(U)V-0		Type		Model code PLøD-R(U)V-0		Type		Model code PBøD-R(U)V-0		RoHS2 (2011/65/EU+EU2015/863) compliant			
Straight PC		PC4-M5V-0 PC4-M50V-0(*) PC4-M6V-0 PC4-01V-0 PC4-02V-0 PC6-01V-0 PC6-02V-0 PC6-03V-0 PC8-01V-0 PC8-02V-0 PC8-03V-0 PC10-01V-0 PC10-02V-0 PC10-03V-0 PC10-04V-0 PC12-02V-0 PC12-03V-0 PC12-04V-0 PC10-N1UV-0 PC10-N3UV-0 PC12-N3UV-0 PC12-N4UV-0				Elbow PL		PL4-M5V-0 PL4-M6V-0 PL4-01V-0 PL4-02V-0 PL6-01V-0 PL6-02V-0 PL6-03V-0 PL8-01V-0 PL8-02V-0 PL8-03V-0 PL10-01V-0 PL10-02V-0 PL10-03V-0 PL10-04V-0 PL12-02V-0 PL12-03V-0 PL12-04V-0 PL4-N1UV-0 PL6-N2UV-0 PL8-N1UV-0 PL8-N2UV-0 PL8-N3UV-0 PL10-N1UV-0 PL10-N4UV-0				Branch Tee PB		PB4-M5V-0 PB4-M6V-0 PB4-01V-0 PB4-02V-0 PB6-01V-0 PB6-02V-0 PB6-03V-0 PB8-01V-0 PB8-02V-0 PB8-03V-0 PB10-02V-0 PB10-03V-0 PB10-04V-0 PB12-02V-0 PB12-03V-0 PB12-04V-0 PB12-N4UV-0	
øD		R		øD		R		øD		R					
PC4-M50V-0 is a slim type of PC4-M5V-0. (Wrench size: 8mm)															
Type		Model code PUøD V-0		Type		Model code PVøD V-0		Type		Model code PEøD V-0		Type		Model code PPøD V-0	
Union Straight PU		PU4V-0 PU6V-0 PU8V-0 PU10V-0 PU12V-0				Union Elbow PV		PV4V-0 PV6V-0 PV8V-0 PV10V-0 PV12V-0				Union Tee PE		PE4V-0 PE6V-0 PE8V-0 PE10V-0 PE12V-0	
øD				øD		øD		øD		øD		øD			
												Plug PP		PP4V-0 PP6V-0 PP8V-0 PP10V-0 PP12V-0	
															

PC4-M50V-0 is a slim type of PC4-M5V-0. (Wrench size: 8mm)