



Spatter-Proof Tubing for Pneumatic Piping

Anti-spatter Tubing



- *Polyamide type Tube Coated with Flame-Retardant Resin(Equivalent to V-0※)*

※ UL94 V-0……………

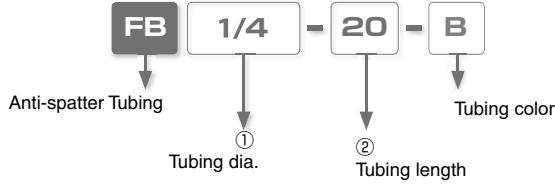
UL94 is specified by Underwriters Laboratories Inc. and classified into V-0, V-1, V-2 and HB depending on self-extinguishing materials. V-0 is the highest requirement class.

- *Now inch O.D. tubings have been added*

Tube Series

Anti-spatter Tubing

Model Designation (Example)



① Tube dia. (O.D. x I.D.)

Code	1/4	3/8	1/2	0425	0640	0860	1075	1290
O.D. (mm)	1/4" (ø6.35)	3/8" (ø9.53)	1/2" (ø12.7)	ø4 (5/32")	ø6	ø8 (5/16")	ø10	ø12
I.D. (mm)	ø4.57	ø6.99	ø9.56	ø2.5	ø4	ø6	ø7.5	ø9
Cover O.D. (mm)	ø8.35	ø11.53	ø14.7	ø6	ø8	ø10	ø12	ø14

② Tube length

Code	20	100
Length(m)	20	100

※ 1/4", 3/8", 4mm, 6mm, 8mm and 10mm O.D. tubings

Code	20	50
Length(m)	20	50

※ 1/2" and 12mm O.D. tubings

※ Tube color is Black and Cover color is Dark-gray.

Red, Blue and Green is available for Cover color as a special product. Each MOQ is 500m.

Specifications

Fluid medium	Thermal oil / Water (※ 1-3)	Air
Max. operating pressure at 68°F (20°C) 65%RH	145psi (1.0MPa) (※ 4)	
Max. vacuum	—	-29.5 inHg (-100kPa)
Operating temp. range	5~194 °F (-15 ~ 90°C) (No freezing)	

⚠ Warning

- ※ 1. Surge pressure must be controlled lower than max. operating pressure when using water or thermal oil as a fluid medium.
- ※ 2. Tap water can be used. Consult with PISCO for using other kind of water.
- ※ 3. Be sure to place Insert Ring into the tube edge when Anti-spatter Tube is inserted into Push-In Fittings with water or thermal oil as a fluid medium.
- ※ 4. The value of max. operating pressure is measured at 68°F (20°C) and 65%RH. When Tubings are used in different conditions, consider a safety ratio of the pressure with an enough margin, referring to Burst Pressure Curve.

FB Spatter Proof Tubing

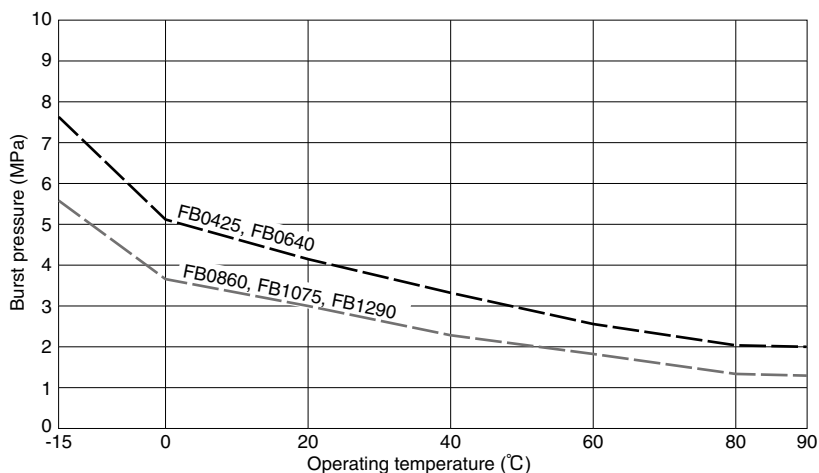
RoHS compliant



Model code	Tube O.D. (ømm)	Tube I.D. (ømm)	Cover O.D. (ømm)	Cover thickness (mm)	Tube length (m)	Min. Bending Radius (mm)	Min. Installation Radius (mm)	Weight (g/m)
FB 1/4-②	1/4"	4.57	8.35	1	20 · 100	24	35	48
FB 3/8-②	3/8"	6.99	11.53	1	20 · 100	40	57	79
FB 1/2-②	1/2"	9.56	14.7	1	20 · 50	40	64	118
FB 0425-②	4	2.5	6	1	20 · 100	14	21	33.5
FB 0640-②	6	4	8	1	20 · 100	18	27	49
FB 0860-②	8	6	10	1	20 · 100	28	42	65
FB 1075-②	10	7.5	12	1	20 · 100	36	54	88
FB 1290-②	12	9	14	1	20 · 50	40	60	113

※ . Fill the tubing length in ② of the model code

Burst Pressure Curve (Reference value)



△ Detailed Safety Instructions

Before using PISCO products, be sure to read "Safety Instructions" and "Safety Instruction Manual" and "Common Safety Instructions for Tubes".

Caution

1. Due to the nature of the products, some tube additives contained in Tube material may bleed on the surface of Anti-spatter Tube as time elapses.