

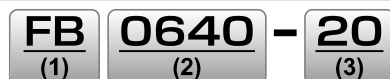
# Anti-spatter Tube

Flame Retardant Resin-covered Spatter-Proof Nylon Tube

## 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.

## Model Designation (Example)



\*Tubes are available only in black for the tube and dark gray for the cover part.

Only for orders of 500 m or more, the following colors can be selected for the cover color as a special option.

Available cover colors as special products: Red, Blue, Green, Yellow, and White

### (1) Anti-spatter Tube

### (2) Tube dia. (O.D. x I.D.) \*The values in ( ) in the row Code represent the tube O.D. in inches.

Code	mm size (mm)					inch size (inch)		
	0425(5/32)	0640	0860(5/16)	1075	1290	1/4	3/8	1/2
O.D.	ø4	ø6	ø8	ø10	ø12	ø1/4	ø3/8	ø1/2
I.D.	ø2.5	ø4	ø6	ø7.5	ø9	ø0.18	ø0.28	ø0.38
Cover O.D. (mm)	ø6	ø8	ø10	ø12	ø14	ø0.33	ø0.45	ø0.58

\*inch size tube : Make-to-order item (MOQ 500 m or more)

### (3) Tube length (0425 to 1075, 1/4, 3/8)

Code	20	100
Length (m)	20	100

### (3) Tube length (1290, 1/2)

Code	20	50
Length (m)	20	50

## Characteristics

This tube, covered with flame-retardant resin (V-0 equivalent), exhibits an excellent spatter resistance and best suitable for spark-generating environment.

## Specifications

Model code		mm size (mm)					inch size (inch)		
		FB0425 (5/32")	FB0640	FB0860 (5/16")	FB1075	FB1290	FB1/4	FB3/8	FB1/2
Size	O.D. x I.D.	4×2.5	6×4	8×6	10×7.5	12×9	(1/4x0.18)	(3/8x0.28)	(1/2x0.38)
	Tube length (m)	20 • 100				20 • 50	20 • 100		20 • 50
Color		Tube: black, Cover: dark gray							
Specifications	Fluid medium	Air, Heat medium oil (Conditional <sup>*1</sup> ), Water (Conditional <sup>*1</sup> )							
	Max. operating pressure (MPa)	1.0 (65% RH at 20°C <sup>*2</sup> )							
	Max. vacuum (kPa)	-100							
	Operating temp. range (°C)	-15 to 90 (No freezing)							
	Min. bending radius (JIS) (mm)	14	18	28	36	40	24	40	40
	Min. installation radius (Vice) (mm)	21	27	42	54	60	35	57	64

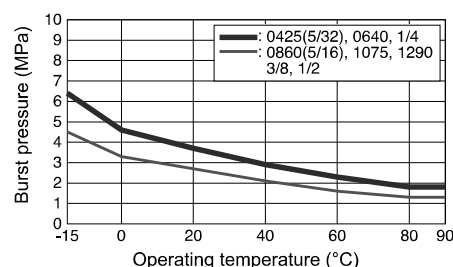
### Warning

\*1. The following conditions must be observed when the fluid medium is water or heat medium oil.

- (1) Surge pressure must be controlled lower than max. operating pressure when using water or heat medium oil 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 place Insert Ring (VIR) into the tube edge when tube is inserted into push-in fittings and using water or heat medium oil as a fluid medium.

\*2. The value of max. operating pressure is measured at 20°C and 65% RH. For other temperatures, the Burst Pressure Curve should be used with a sufficient safety margin.

## Burst Pressure Curve (Reference Value)



RoHS2 (2011/65/EU+EU2015/863) compliant

Tube type	Model Code	Model Code
Anti-spatter Tube FB	FB0425-[3]	FB1/4-[3]
	FB0640-[3]	FB3/8-[3]
	FB0860-[3]	FB1/2-[3]
	FB1075-[3]	
	FB1290-[3]	

### Notes

\*1. Tubes with desired length are available as make-to-order items. Contact us for the price.

\*2. For [3] in model code, please select a code of tube length.

### Packaging specifications

20 M lengths / bag: Applicable to all types

50 M lengths / box: Only FB1290 and FB1/2.

100 M lengths / box: All types except FB1290 or FB1/2.

## Related product



Tube Fitting Anti-spatter

► P.59

Speed Controller Anti-spatter

► P.136



Tube Stripper for Anti-spatter Tube

► P.114

Before inserting Anti-spatter tube to a fitting, peel the cover on the portion that will be inserted into a fitting.