
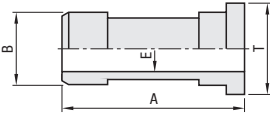


Fluororesin Couplings Tube Insert **FETBS**



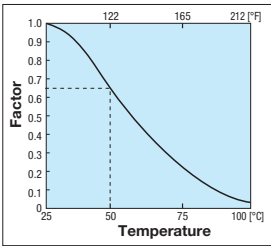
RoHS 10



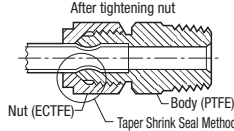
Part Number		T	A	B	E	Unit Price	Volume Discount Rate
Type	Applicable Tube O.D. (mm)					1 ~ 4 pc(s).	5~20
FETBS	4	4	10	3	2		
	6	6	12	4	2.5		
	8	8	16	6	4.3		
	10	10	20	8	6.8		

Ⓜ It is not required for PTFE and PFA Type.

Temperature-Pressure Curve



Structure Diagram



Specifications

Applicable Fluid	Super Pure Water, Acid, Alkali, Organic Solvent
Operating Temperature Range	0~100°C
Max. Operating Pressure	Nominal Dia. 4 ~ 8: 0.8MPa Nominal Dia. 10: 0.6MPa

Tightening Torque of Nut (Reference Value)

Tube Size mm	Tightening Torque		Number of Revolution
	N·m	kgf·cm	
4x3	-	0.12	1.2
6x4	6.35x4.3	0.23	2.3
8x6	-	0.45	4.6
10x8	9.53x6.3	0.8	8.2

(Note) 1. PFA tube is used in the measurement.

- General tolerance of tube is absorbed if the nut is tightened by the above torque value.
- Number of revolution is begun to count up when tightening becomes fixed suddenly after lightly tightened by hand.

Features


Excellent in chemical resistance.
Possible to tighten the nut with a spanner without using special tools.

Ⓜ For Tubes, refer to "Fluororesin Tubes" on **P:1388** and "Fluoro Rubber Tubes" on **P:1389**.

Ordering Example

Part Number - Nominal
FENL4 - 1

Fluororesin Valves 2-Way Valve **FBT**



RoHS 10

Part Number		A	C	D	E	Unit Price	Volume Discount Rate
Type	Applicable Tube O.D. (mm)					1 pc.	2~5
FBT	4	47	11	7	4		
	6	53	14	10	4		
	8	61	18	12	4		
	10	67	21	16	4		


Specifications

Applicable Fluid	Super Pure Water, Acid, Alkali, Organic Solvent
Operating Temperature Range	Room Temperature
Max. Operating Pressure	0.2MPa
Applicable Material	PTFE, ECTFE, Fluoro Rubber

Features

- Excellent in chemical and corrosion resistance.
- Can be used in limited space because of its compact size.

Fluororesin Valves Needle Valve **FBNB**



RoHS 10

Part Number		A											Unit Price	Volume Discount Rate
Type	Applicable Tube O.D. (mm)	Max.	Min.	B1	B2	C	D	E	F	G	H1	H2	1 pc.	2~5
		FBNB	4	76	67	23	22.5	11	7	3	30	23		
6	76		67	26	25.5	14	10	4	30	23	12	11.5		
8	76		67	30	29.5	18	12	6	30	23	12	11.5		
10	87		77	38	36	21	16	8	35	30	17	15		

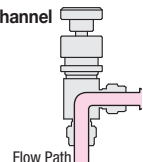
Specifications

Applicable Fluid	Super Pure Water, Acid, Alkali, Organic Solvent
Operating Temperature Range	0~100°C
Max. Operating Pressure	0.5MPa
Applicable Material	PTFE, PCTFE, ECTFE, PP

Features

- Excellent in chemical and corrosion resistance.
- Possible to finely adjust flow rate by turning the handle.

Flow channel



Ordering Example

Part Number
FBT8