

Flexible Tube Fitting

Best suited for bending tubes and absorbing thermal expansion and expansion/contraction



■ Features

PFA corrugated flexible tube with excellent chemical resistance

Connectable to the P-series Super 300 Type Pillar Fitting™ body of the same size

■ Precautions for use

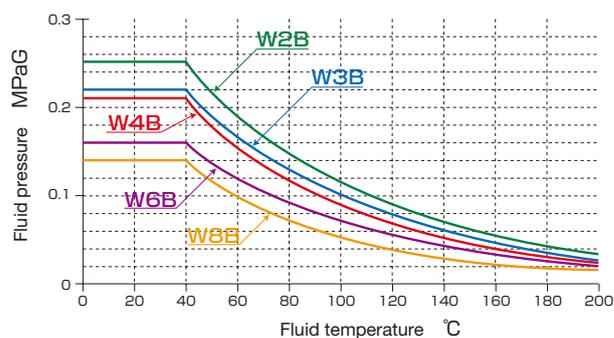
- This flexible tube fitting is specially designed for connection to a P-series Super 300 Type Pillar Fitting body of the same size. Do not connect to other fittings.
- For details on how to tighten union nuts, refer to the latest edition of the SUPER 300 TYPE PILLAR FITTING P SERIES INSTRUCTION MANUAL (No. 203-1).
- Do not bend or crush the flexible portion at a bend radius no greater than twice the outside diameter of the tube.

Specifications

- ▶ Maximum operating temperature: 200°C
- ▶ Maximum operating pressure: Shown on the right
- ▶ Ambient temperature range: 0 to 60°C
- ▶ Applicable fluid: Liquid
- ▶ Applicable sizes: 1/4" to 1"

* The maximum operating pressure and temperature differ according to the size.

■ Operating range

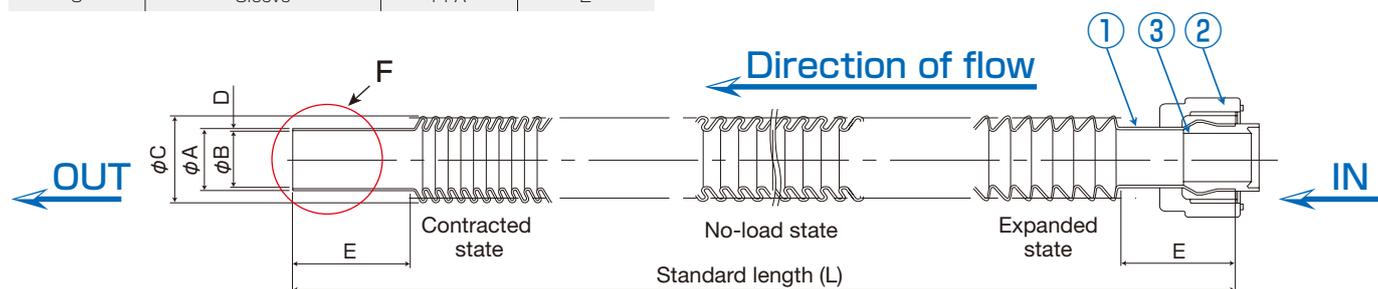


How to order



Cross-sectional structural drawing

No.	Part name	Material	Quantity per set
1	Corrugated flexible tube	PFA	1
2	Union nut	PFA	2
3	Sleeve	PFA	2



* The "F" portion indicates the length measured before a sleeve is inserted.
For actual products, a union nut and sleeve are inserted at both ends of the flexible tube.

Size table

Unit: mm

Product No.	ϕA	ϕB	ϕC	D	E
P-FTF-W2B-*	6.8	6.0	9.4	0.4	19
P-FTF-W3B-*	10.3	9.2	14.0	0.6	25
P-FTF-W4B-*	13.5	12.1	18.2	0.7	25
P-FTF-W6B-*	20.3	18.7	26.6	0.8	38
P-FTF-W8B-*	26.7	24.8	34.5	0.9	50

- ϕA and ϕB indicate the length measured before a sleeve is inserted.
- "(L)" indicates the length measured when the tube is in a no-load state.
- With the tube pressurized, the flexible portion expands approximately 40% when the maximum operating pressure is reached.

"*" in each product No. indicates one of the tube length symbols shown below.

Unit: mm

Tube length symbol	Standard length (L)	
0.5F	W2B	171
0.5F	W3B, W4B	177
0.5F	W6B	190
0.5F	W8B	200
1F	305	
1.5F	458	
2F	610	
3F	915	
4F	1220	
5F	1525	
6F	1830	
7F	2135	
8F	2440	
10F	3050	
12F	3660	

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**Safety
precaution**

- When using this product, please use correctly and pay sufficient attention to safety.

* Please understand that this catalog may change without prior notice.
* The values shown on this catalog are reference values, not guaranteed values.