

Types and Specifications

Fittings for urethane tubes

Name and type	Straight		Straight (barb fitting)						
Model	BF2BU-M3(-HN) ^{Note}	BF2BU(-HN) ^{Note}	BF3BU-M3	BF4BU-M3	BF3BU	BF4BU	PBF3BU	PBF4BU	
Port size	M3×0.5 (male thread)	M5×0.8 (male thread)	M3×0.5 (male thread)		M5×0.8 (male thread)		R1/8 (male thread)		
Applicable tube O.D.×I.D.mm	1.8×1		3×1.5	4×2.5	3×1.5	4×2.5	3×1.5	4×2.5	
Effective area mm ²	0.25		0.4	1.0	0.4	1.7	0.4	1.8	
Operating temperature range °C [°F]	0~60 [32~140]								
Material	Stainless steel				Brass (nickel plated)				
Mass g [oz.]	0.7 [0.025] ^{Note} (0.4 [(0.014)])	1.6 [0.056] ^{Note} (1.3 [0.046])	0.6 [0.021]	0.7 [0.025]	1.2 [0.042]	1.6 [0.056]	5.2 [0.183]	5.3 [0.187]	
Remark	Attachment	With 1 gasket and 1 holder		With 1 gasket				—	
	Sales unit	1 pack (10 pcs.)						1 pack (5 pcs.)	

Name and type	Straight (clamp fitting)				Elbow		Universal elbow (barb fitting)			
Model	BF4U	BF6U	BF4U-01	BF6U-01	UER2BU-M3(-HN) ^{Note}	UER2BU(-HN) ^{Note}	UEF3BU-M3	UEF4BU-M3	UEF3BU	UEF4BU
Port size	M5×0.8 (male thread)		R1/8 (male thread)		M3×0.5 (male thread)	M5×0.8 (male thread)	M3×0.5 (male thread)		M5×0.8 (male thread)	
Applicable tube O.D.×I.D.mm	4×2.5	6×4	4×2.5	6×4	1.8×1		3×1.5	4×2.5	3×1.5	4×2.5
Effective area mm ²	2.0	3.2	2.1	3.6	0.25		0.4	0.5	0.4	1.2
Operating temperature range °C [°F]	0~60 [32~140]									
Material	Brass (nickel plated)				Stainless steel		Body : Brass (nickel plated) Thread : Stainless steel		Brass (nickel plated)	
Mass g [oz.]	4.5 [0.159]		11.0 [0.388]	9.5 [0.335]	1.7 [0.060] ^{Note} (1.4 [0.049])	2.6 [0.092] ^{Note} (2.3 [0.081])	1.6 [0.056]	1.8 [0.063]	5.3 [0.187]	5.5 [0.194]
Remark	Attachment	With 1 gasket		—		With 1 gasket and 1 holder		With 2 gaskets		
	Sales unit	1 pack (10 pcs.)				1 pack (5 pcs.)		1 pack (5 pcs.)		

Name and type	Universal elbow (clamp fitting)		Universal tee (barb fitting)				Different diameter nipple			
Model	UEF4U	UEF6U	UTF3BU-M3	UTF4BU-M3	UTF3BU	UTF4BU	NBF3-2BU (-HN) ^{Note}	NBF4-2BU (-HN) ^{Note}	NBF4-3BU-HN	
Port size	M5×0.8 (male thread)		M3×0.5 (male thread)		M5×0.8 (male thread)			—		
Applicable tube O.D.×I.D.mm	4×2.5	6×4	3×1.5	4×2.5	3×1.5	4×2.5	1.8×1-3×1.5	1.8×1-4×2.5	3×1.5-4×2.5	
Effective area mm ²	1.3	1.5	0.4	0.6	0.4	1.6	0.25		0.5	
Operating temperature range °C [°F]	0~60 [32~140]									
Material	Brass (nickel plated)		Body : Brass (nickel plated) Thread : Stainless steel		Brass (nickel plated)		Stainless steel			
Mass g [oz.]	13.0 [0.459]		1.9 [0.067]	2.1 [0.074]	5.5 [0.194]	5.8 [0.205]	0.5 [0.018] ^{Note} (0.2 [0.007])	0.6 [0.021] ^{Note} (0.3 [0.011])	0.3 [0.011]	
Remark	Attachment	With 2 gaskets						With 1 holder		
	Sales unit	1 pack (5 pcs.)						1 pack (10 pcs.)		

Name and type	Nipple (barb fitting)	
Model	NBF3BU	NBF4BU
Port size	—	
Applicable tube O.D.×I.D.mm	3×1.5	4×2.5
Effective area mm ²	0.4	1.6
Operating temperature range °C [°F]	0~60 [32~140]	
Material	Stainless steel	Brass (nickel plated)
Mass g [oz.]	0.2 [0.007]	0.5 [0.018]
Remark	Attachment	—
	Sales unit	1 pack (10 pcs.)

Note: Types with **-HN** come without a holder.
For the conductive urethane tube **U2A-B**, always use "with holder" type. The holder can be purchased separately. Figures within parentheses () show the mass without the holder **(-HN)**.

Additional parts

Holder Mass : 0.3g [0.011oz.]
Order code : **H-2BU** (One pack 10 pcs.)

