



PTFE FITTINGS

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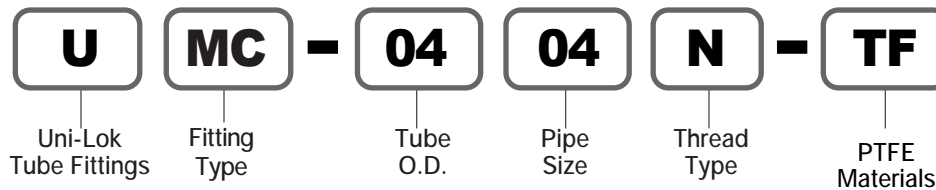


Features

- Maximum working pressure - 125 psi (8.6bar)
- Maximum working temperature - 100°C(212°F)
- Standard type fitting with simple structure and compact design
- Easy Assembly taper swaging sealing system
- Applicable sizes - 1/4"~1/2" O.D., 6mm~12mm O.D.

How To Order

Uni-Lok PTFE fittings are ordered by part number as shown as below.



Applications

Ultrapure or corrosive chemical applications

Cleaning

Uni-Lok PTFE fittings are free from machine oils, loose particles and grease throughout the close cleaning process.

The special cleaning for high purity application is available upon request.

Example : The following part number, **UMC-0404N-TF** is designated for Male Connector, 1/4"O.D. x 1/4" M-NPT, PTFE.





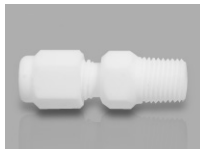

Fractional(Inch) Tube O.D. Designation				
Tube O.D.	inch	1/4	3/8	1/2
	mm	6.35	9.52	12.70
Designator		04	06	08

Metric Tube O.D. Designation					
Tube O.D.	mm	6	8	10	12
	Designator	M06	M08	M10	M12

Pipe Size Designation (NPT or ISO7/1-PT)			
Pipe Size	1/4	3/8	1/2
Designator	04	06	08

Thread Type Designation		
Thread Type		Designator
NPT	National Standard Pipe Thread	N
ISO 7/1	Taper Pipe Thread	R

Visual Index

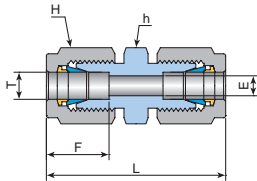
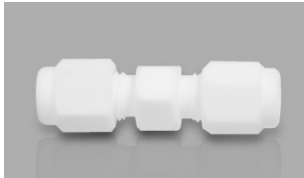
	Union UU	3		Reducing Union URU	3		Union Elbow UEU	3
	Union Tee UUT	4		Male Connector UMC	4		Male Elbow UME	4

Nuts, Front Ferrules and Back Ferrule as ordered by part number separately .

Nut UN		Front Ferrule UFF		Back Ferrule UBF	
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Union

UU



Connects Fractional Tube

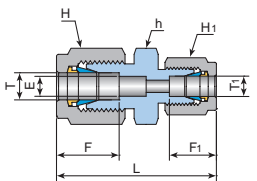
Part No.	Tube O.D. T (inch)	Dimensions (mm)				
		E (Min)	h	H	F	L
UU-04-TF	1/4	4.8	15.87	15.87	15.2	43.2
UU-06-TF	3/8	7.0	20.63	20.63	17.0	45.7
UU-08-TF	1/2	10.0	25.40	25.40	22.9	52.1

Connects Metric Tube

Part No.	Tube O.D. T	Dimensions (mm)				
		E (Min)	h	H	F	L
UU-M06-TF	6	4.8	15.87	15.87	15.2	43.2
UU-M08-TF	8	6.4	17.46	17.46	16.2	43.5
UU-M10-TF	10	8.0	19.05	19.05	17.2	46.5
UU-M12-TF	12	9.5	25.40	25.40	22.9	52.1

Reducing Union

URU



Connects Fractional Tube

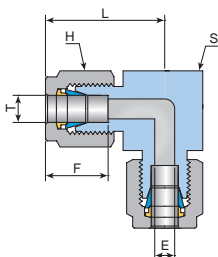
Part No.	Tube O.D. (inch)		Dimensions (mm)						
	T ₁	T ₂	E (Min)	h	H	H ₁	F	F ₁	L
URU-0604-TF	3/8	1/4	4.8	20.63	20.63	15.87	17	15.2	45.0
URU-0804-TF	1/2	1/4	4.8	25.4	25.40	15.87	22.9	15.2	48.5
URU-0806-TF	1/2	3/8	7.0	25.4	25.40	20.63	22.9	17.0	49.3

Connects Metric Tube

Part No.	Tube O.D.		Dimensions (mm)						
	T ₁	T ₂	E (Min)	h	H	H ₁	F	F ₁	L
URU-M10M06-TF	10	6	4.8	100	19.05	15.87	17.20	15.2	45.4
URU-M12M06-TF	12	6	4.8	25.40	25.40	15.87	22.90	15.2	48.5
URU-M12M10-TF	12	10	7.0	25.40	25.40	19.05	22.90	17.2	49.7

Union Elbow

UEU



Connects Fractional Tube

Part No.	Tube O.D. T (inch)	Dimensions (mm)				
		E (Min)	S	H	F	L
UEU-04-TF	1/4	4.8	15.87	15.87	15.2	28.7
UEU-06-TF	3/8	7.0	20.63	20.63	17.0	31.2
UEU-08-TF	1/2	10.0	25.40	25.40	22.9	36.8

Connects Metric Tube

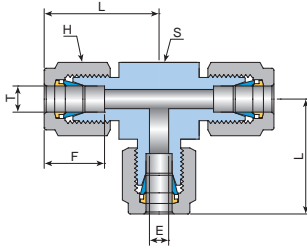
Part No.	Tube O.D. T	Dimensions (mm)				
		E (Min)	S	H	F	L
UEU-M06-TF	6	4.8	15.87	15.87	15.2	28.7
UEU-M08-TF	8	6.4	17.46	17.46	16.2	31.1
UEU-M10-TF	10	8.0	19.05	19.05	17.2	31.6
UEU-M12-TF	12	9.5	25.40	25.40	22.9	36.8

Dimensions are for reference only and are subject to change without prior notice.

PTFE Fittings

Union Tee

UUT



Connects Fractional Tube

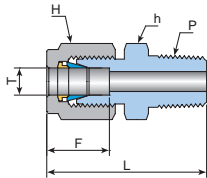
Part No.	Tube O.D. T(inch)	Dimensions (mm)				
		E (Min)	S	H	F	L
UUT-04-TF	1/4	4.8	15.87	15.87	15.2	28.7
UUT-06-TF	3/8	7.0	20.63	20.63	17.0	31.2
UUT-08-TF	1/2	10.0	25.40	25.40	22.9	36.8

Connects Metric Tube

Part No.	Tube O.D. T	Dimensions (mm)				
		E (Min)	S	H	F	L
UUT-M06-TF	6	4.8	15.87	15.87	15.2	28.7
UUT-M08-TF	8	6.4	17.46	17.46	16.2	31.1
UUT-M10-TF	10	8.0	19.05	19.05	17.2	31.6
UUT-M12-TF	12	9.5	25.40	25.40	22.9	36.8

Male Connector

UMC



Connects Fractional Tube to Female Pipe

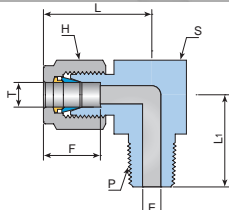
Part No.	Tube O.D. T(inch)	P (inch)	Dimensions (mm)				
			E (Min)	h	H	F	L
UMC-0404N-TF	1/4	1/4	4.8	15.87	15.87	15.2	39.1
UMC-0606N-TF	3/8	3/8	7.0	20.63	20.63	17.0	40.6
UMC-0808N-TF	1/2	1/2	10.0	25.40	25.40	22.9	49.0

Connects Metric Tube to Female Pipe

Part No.	Tube O.D. T	P (inch)	Dimensions (mm)				
			E (Min)	h	H	F	L
UMC-M0604N-TF	6	1/4	4.8	15.87	15.87	15.2	39.1
UMC-M0804N-TF	8	1/4	6.4	17.46	17.46	16.2	39.5
UMC-M1006N-TF	10	3/8	8.0	19.05	19.05	17.2	41.0
UMC-M1208N-TF	12	1/2	9.5	25.40	25.40	22.9	49.0

Male Elbow

UME



Connects Fractional Tube to Female Pipe

Part No.	Tube O.D. T(inch)	P (inch)	Dimensions (mm)					
			E (Min)	S	H	F	L	L ₁
UME-0404N-TF	1/4	1/4	4.8	15.87	15.87	15.2	28.7	24.4
UME-0606N-TF	3/8	3/8	7.0	20.63	20.63	17.0	31.2	26.2
UME-0808N-TF	1/2	1/2	10.0	25.40	25.40	22.9	36.8	33.8

Connects Metric Tube to Female Pipe

Part No.	Tube O.D. T	P (inch)	Dimensions (mm)					
			E (Min)	S	H	F	L	L ₁
UME-M0604N-TF	6	1/4	4.8	15.87	15.87	15.2	28.7	24.4
UME-M0804N-TF	8	1/4	6.4	17.46	17.46	16.2	30.1	25.1
UME-M1006N-TF	10	3/8	8.0	19.05	19.05	17.2	31.6	26.6
UME-M1208N-TF	12	1/2	9.5	25.40	25.40	22.9	36.8	33.8

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