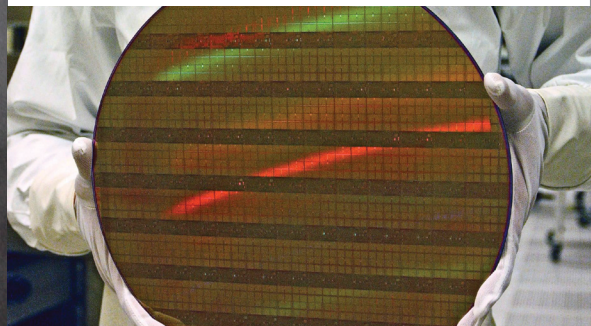




FURON®
Pure Performance



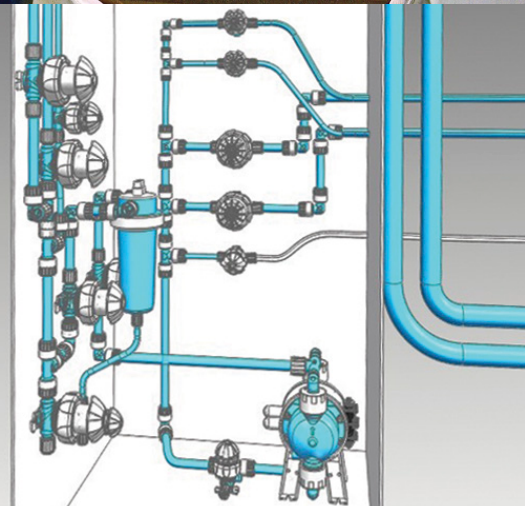
Furon® FlareGrip® II Fittings

Industry Standard Fine Flare Thread

The Furon FlareGrip II fitting line utilizes injection molding and a premium grade of high purity PFA. The product line covers the common range of tubing sizes used in the Micro E industry and a wide array of standard configurations are available from stock for immediate shipment. Furon products are available through the Saint-Gobain organization & our worldwide distribution network.

Applications

The Furon FlareGrip II fittings offers the perfect fitting solution and superior performance for transfer, recirculation, dispensing and bulk delivery for the Semiconductor, Photovoltaic, Chemical processing, or any industry where high-purity and chemical resistance is a must.



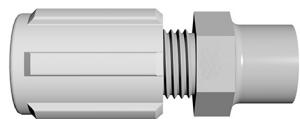
Features and Benefits

- Molded from virgin premium high-purity PFA
- Ideally used with Furon HP PFA 400 tubing
- Male Flare & Female Flare
- Large variety of configuration:
 - Tee - Cap
 - Reducer - Elbow
- Transition fitting to other connection styles:
 - NPT connections
 - FuseBond™ connections
- Nuts available in different type of material to fit your exact need, among the most commonly manufactured:
 - PFA
 - ETFE
 - PVDF
- Double bagged in Cleanroom

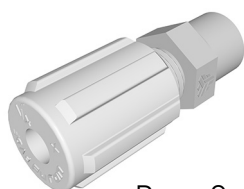
ASK AN ENGINEER


SAINT-GOBAIN

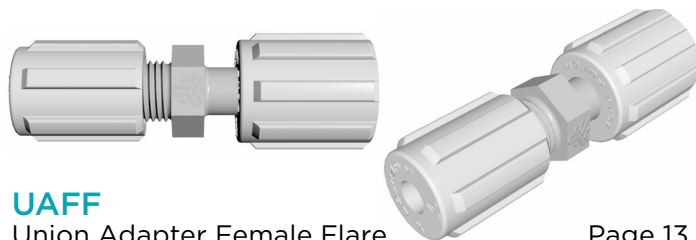
Straight FlareGrip II Fitting Line



UAF
Union Adapter Female

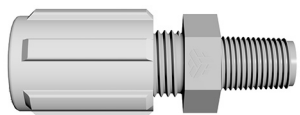


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UAFF
Union Adapter Female Flare

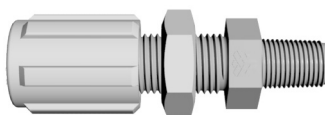
Page 13



UAM
Union Adapter Male



Page 10



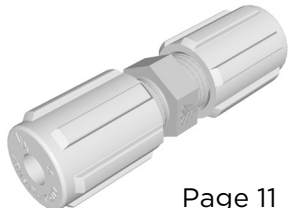
UAMP
Union Adapter Male Panel



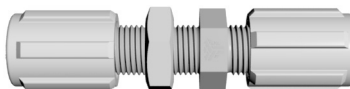
Page 14



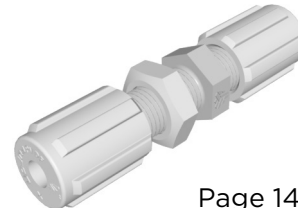
SU
Straight Union



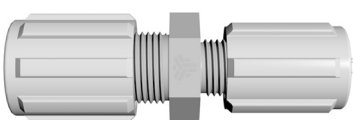
Page 11



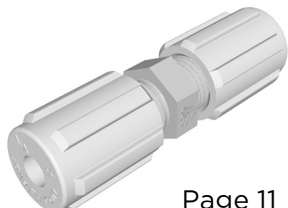
SUP
Straight Union Panel



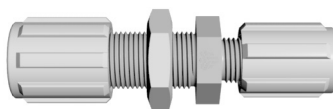
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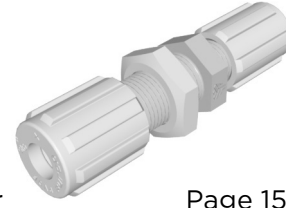
SUR
Straight Union Reducer



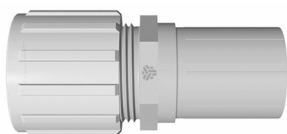
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SUPR
Straight Union Panel Reducer



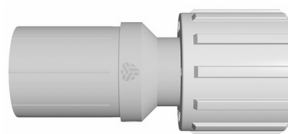
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UA (FuseBond™)
Union Adapter



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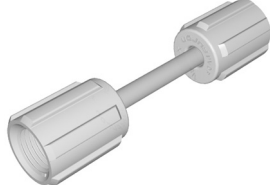
UAFF (FuseBond™)
Union Adapter Female Flare



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STU
Straight Tube Union



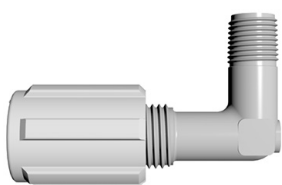
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NOTES

All fittings are class 100 cleanroom assembled and double bagged.

All pipe ends are manufactured to standard schedule 40 pipe dimensions.

Elbow and Nut FlareGrip II Fitting Line



EAM
Elbow Adapter Male



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ETAFF
Elbow Tube Adapter Female Flare



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UE
Union Elbow



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UEFF
Union Elbow Female Flare



Page 20



ETA
Elbow Tube Adapter



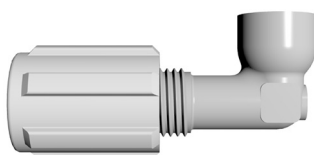
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**PVDF
ETFE
PFA**
Nut



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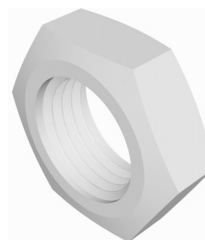
EAF
Elbow Adapter Female



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PVDF
Panel Nut



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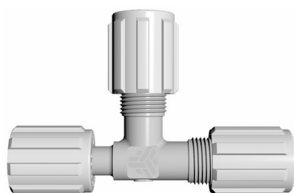


UER
Union Elbow Reducer



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Tee FlareGrip II Fitting Line



UTFF I
Union Tee Female Flare I



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UTFF III
Union Tee Female Flare III



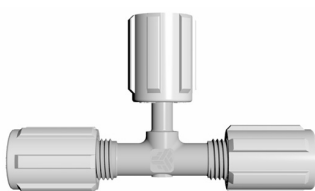
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UTRFF I
Union Tee Reducer Female Flare I



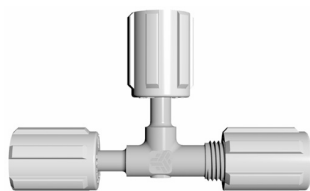
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UTRFF II
Union Tee Reducer Female Flare II



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UTRFF III
Union Tee Reducer Female Flare III



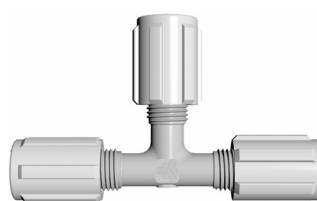
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BTFF (FuseBond™)
Branch Tee Female Flare



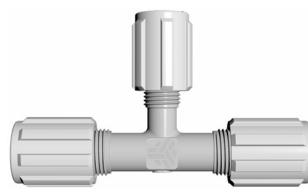
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UT
Union Tee



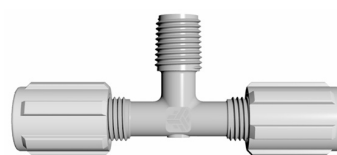
Page 25



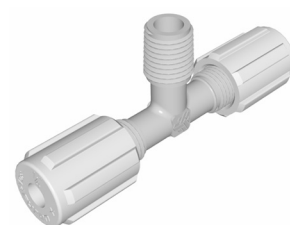
UTR
Union Tee Reducer



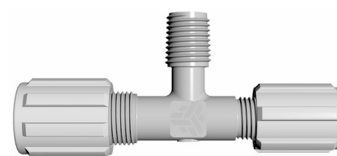
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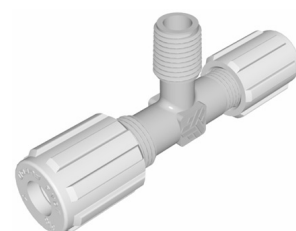
MBT
Male Branch Tee



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MBTR
Male Branch Tee Reducer



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MRT
Male Run Tee



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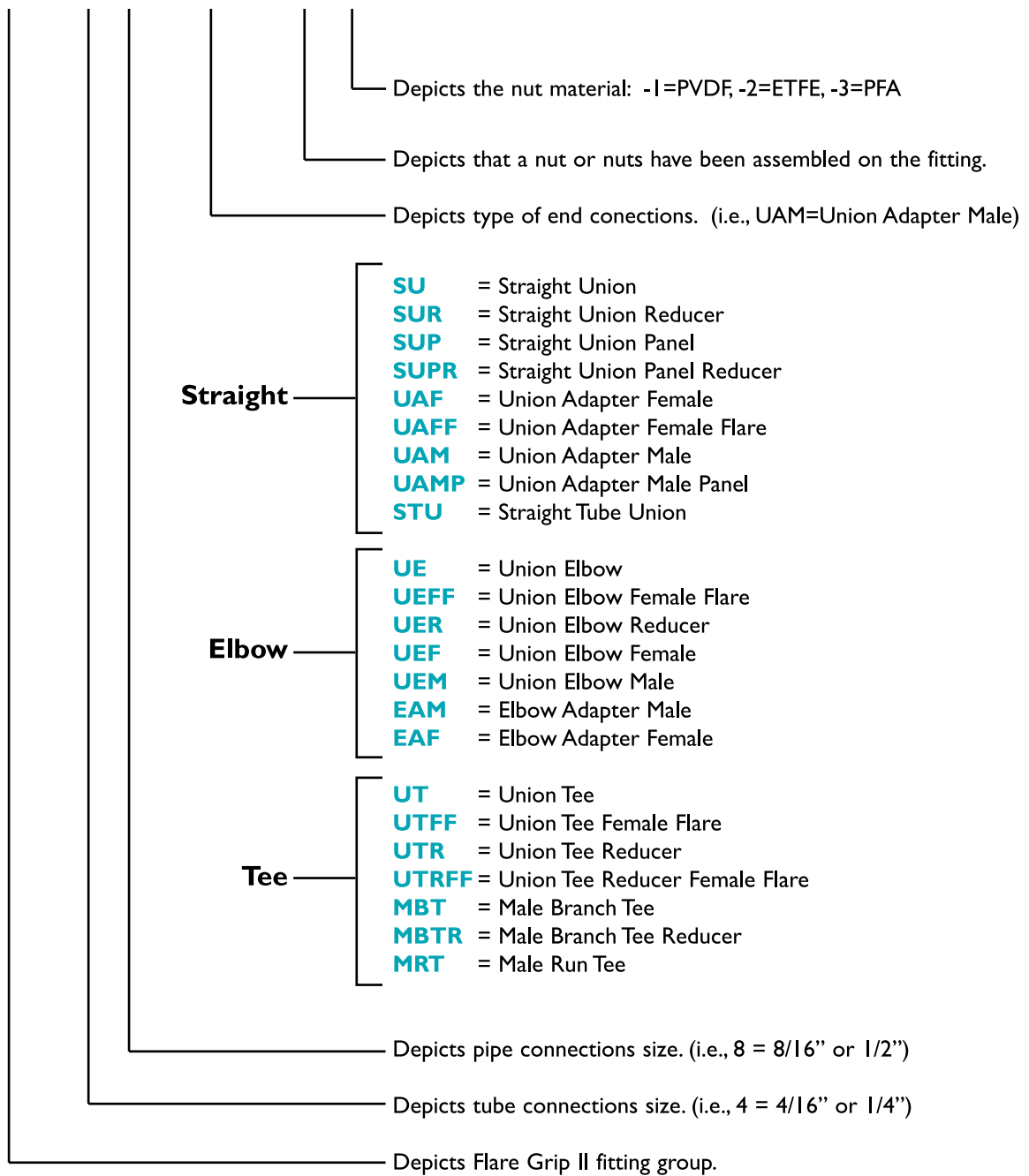
BT
Branch T



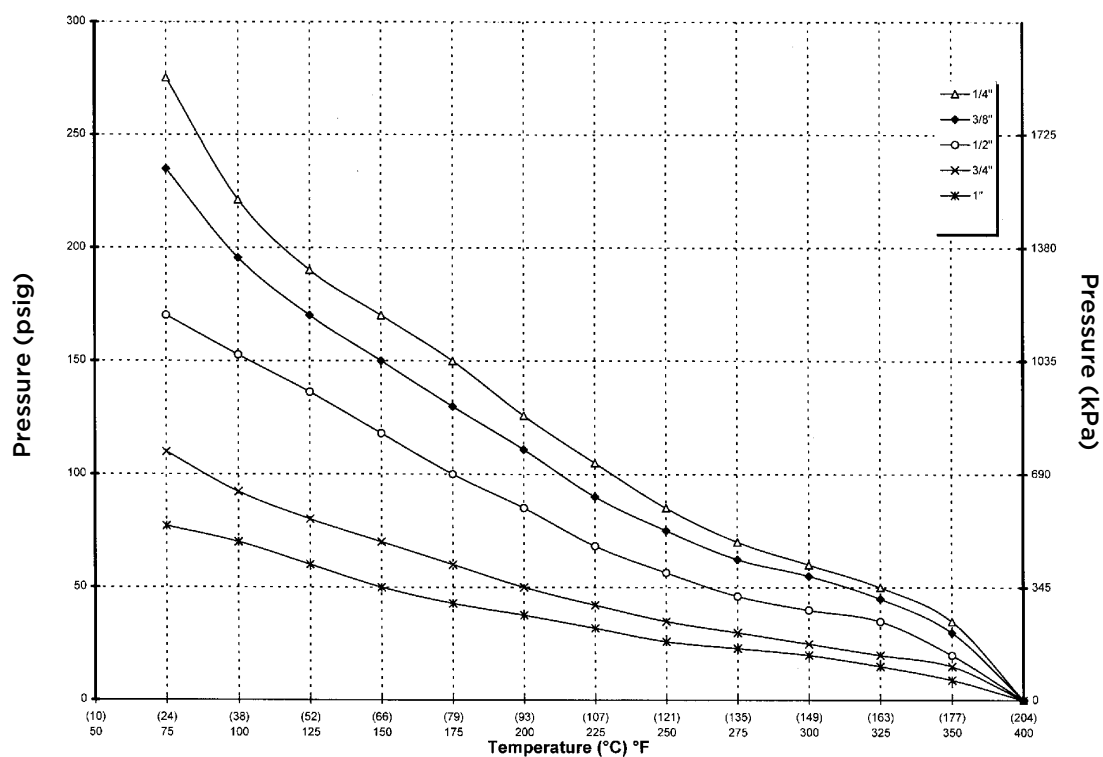
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Nomenclature

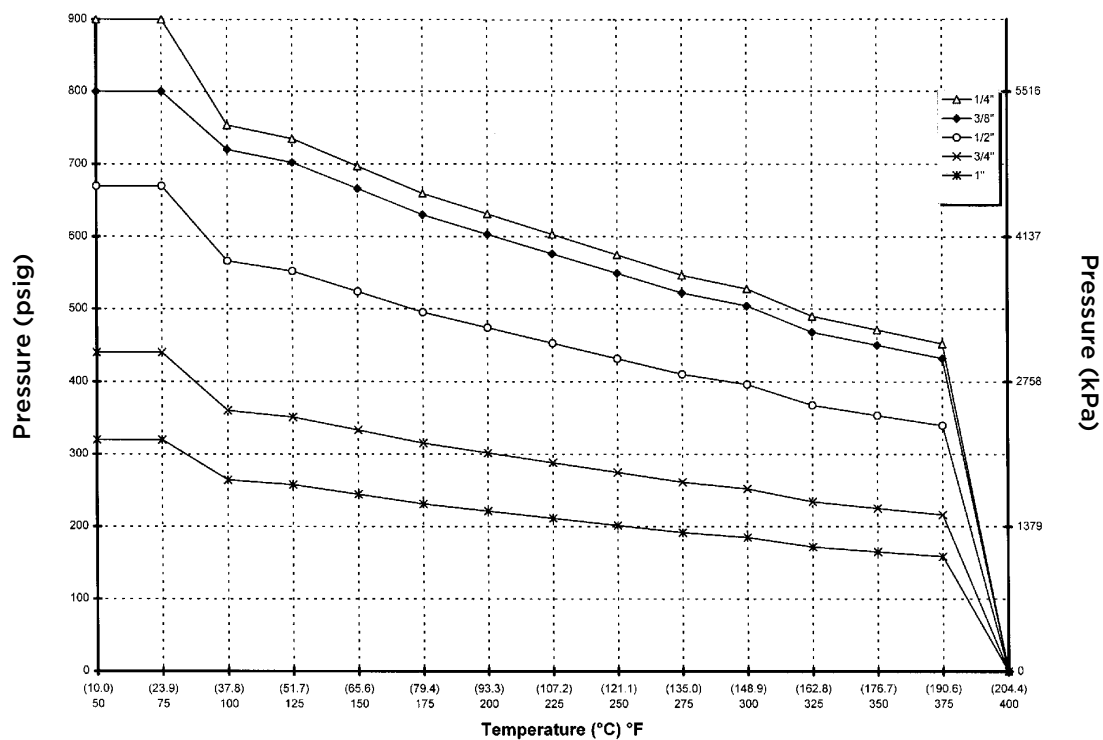
FMF 4 8 UAM N-I



Fine Thread Flare Max Operating Pressure



Fine Thread Flare Burst Pressure



Maximum Operating Pressure vs. Temperature

PFA Tubing

Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	24	275	(1896)	235	(1620)	170	(1172)	110	(758)	77	(531)
200	93	130	(896)	115	(793)	85	(586)	55	(379)	40	(276)
250	121	85	(586)	75	(517)	55	(379)	35	(241)	25	(172)
300	149	60	(414)	55	(379)	40	(276)	25	(172)	20	(138)
350	177	35	(241)	30	(207)	20	(138)	15	(103)	9	(62)
400	204	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

PVDF Nut

Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	24	275	(1896)	235	(1620)	170	(1172)	110	(758)	77	(531)
200	93	130	(896)	115	(793)	85	(586)	55	(379)	40	(276)
250	121	85	(586)	75	(517)	55	(379)	35	(241)	25	(172)
300	149	60	(414)	55	(379)	40	(276)	25	(172)	20	(138)
350	177	35	(241)	30	(207)	20	(138)	15	(103)	9	(62)
400	204	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

PFA Nut

Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	24	275	(1896)	235	(1620)	170	(1172)	110	(758)	77	(531)
200	93	130	(896)	115	(793)	85	(586)	55	(379)	40	(276)
250	121	85	(586)	75	(517)	55	(379)	35	(241)	25	(172)
300	149	60	(414)	55	(379)	40	(276)	25	(172)	20	(138)
350	177	35	(241)	30	(207)	20	(138)	15	(103)	9	(62)
400	204	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

ETFE Nut

Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	24	277	(1910)	237	(134)	173	(1193)	112	(772)	77	(531)
200	93	132	(910)	117	(807)	87	(600)	57	(393)	40	(276)
250	121	88	(607)	77	(531)	58	(400)	35	(241)	25	(172)
300	149	63	(434)	58	(400)	42	(290)	25	(172)	21	(145)
350	177	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
400	204	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

N/R: Not Recommended

Burst Pressure vs. Temperature

PFA Tubing

Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	(24)	900	(6206)	800	(5516)	670	(4620)	440	(3034)	320	(2206)
200	(93)	631	(4353)	603	(4159)	474	(3270)	302	(2082)	221	(1527)
250	(121)	575	(3963)	549	(3787)	432	(2977)	275	(1895)	202	(1390)
300	(149)	528	(3638)	504	(3477)	396	(2733)	252	(1740)	185	(1276)
350	(177)	471	(3248)	450	(3104)	354	(2440)	225	(1553)	165	(1139)
400	(204)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

PVDF Nut

Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	(24)	900	(6206)	800	(5516)	670	(4620)	440	(3034)	320	(2206)
200	(93)	631	(4353)	603	(4159)	474	(3270)	302	(2082)	221	(1527)
250	(121)	575	(3963)	549	(3787)	432	(2977)	275	(1895)	202	(1390)
300	(149)	528	(3638)	504	(3477)	396	(2733)	252	(1740)	185	(1276)
350	(177)	471	(3248)	450	(3104)	354	(2440)	225	(1553)	165	(1139)
400	(204)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

PFA Nut

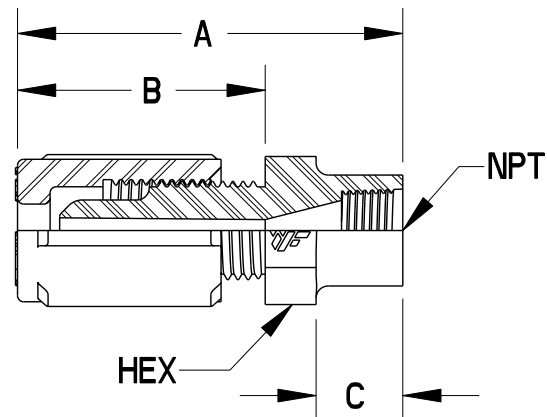
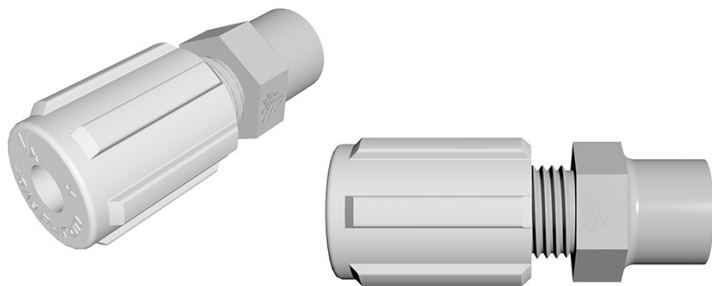
Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	(24)	900	(6206)	800	(5516)	670	(4620)	440	(3034)	320	(2206)
200	(93)	631	(4353)	603	(4159)	474	(3270)	302	(2082)	221	(1527)
250	(121)	575	(3963)	549	(3787)	432	(2977)	275	(1895)	202	(1390)
300	(149)	528	(3638)	504	(3477)	396	(2733)	252	(1740)	185	(1276)
350	(177)	471	(3248)	450	(3104)	354	(2440)	225	(1553)	165	(1139)
400	(204)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

ETFE Nut

Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	(24)	908	(6261)	805	(5550)	674	(4647)	444	(3061)	324	(2234)
200	(93)	620	(4275)	525	(3620)	465	(3206)	300	(2069)	220	(1517)
250	(121)	570	(3930)	477	(3289)	427	(2944)	273	(1882)	200	(1379)
300	(149)	530	(3654)	477	(3082)	397	(2737)	250	(1724)	190	(1310)
350	(177)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
400	(204)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R

N/R: Not Recommended

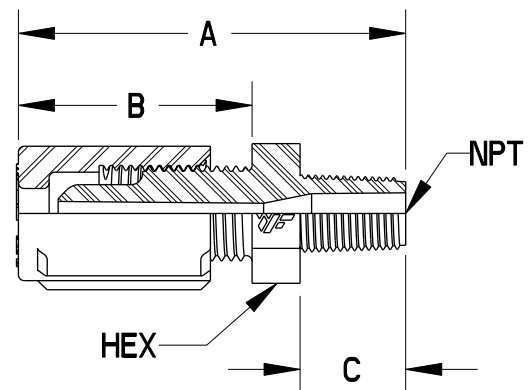
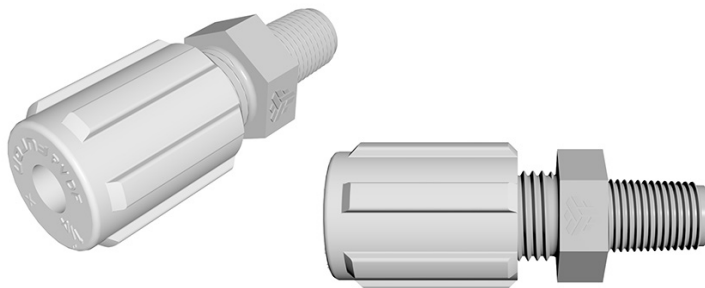
UAF - Union Adapter Female



Furon® UAF - Union Adapter Female

Part Number	Tube Size (mm)	Female NPT (in)	Orifice (mm)	A (mm)	B (mm)	C (mm)	HEX (mm)
FMF42UAFN - 1	1/4" (6.4)	1/8	0.125" (3.18)	1.89" (48.1)	1.22" (30.9)	0.43" (10.8)	0.63" (16.0)
FMF44UAFN - 1	1/4" (6.4)	1/4	0.125" (3.18)	2.05" (52.0)	1.22" (30.9)	0.58" (14.8)	0.94" (23.9)
FMF46UAFN - 1	1/4" (6.4)	3/8	0.125" (3.18)	2.06" (52.2)	1.22" (30.9)	0.59" (14.9)	0.94" (23.9)
FMF48UAFN - 1	1/4" (6.4)	1/2	0.125" (3.18)	2.20" (55.8)	1.22" (30.9)	0.73" (18.5)	0.19" (30.2)
FMF62UAFN - 1	3/8" (9.5)	1/8	0.250" (6.35)	1.99" (50.5)	1.31" (33.4)	0.43" (10.8)	0.63" (16.0)
FMF64UAFN - 1	3/8" (9.5)	1/4	0.250" (6.35)	2.13" (54.1)	1.30" (32.9)	0.58" (14.8)	0.94" (23.9)
FMF66UAFN - 1	3/8" (9.5)	3/8	0.250" (6.35)	2.14" (54.2)	1.30" (32.9)	0.59" (14.9)	0.94" (23.9)
FMF68UAFN - 1	3/8" (9.5)	1/2	0.250" (6.35)	2.28" (57.8)	1.30" (32.9)	0.73" (18.5)	1.25" (31.8)
FMF84UAFN - 1	1/2" (12.7)	1/4	0.375" (9.53)	2.24" (56.9)	1.41" (35.7)	0.58" (14.8)	0.94" (23.9)
FMF86UAFN - 1	1/2" (12.7)	3/8	0.375" (9.53)	2.25" (57.0)	1.41" (35.7)	0.59" (14.9)	0.94" (23.9)
FMF88UAFN - 1	1/2" (12.7)	1/2	0.375" (9.53)	2.43" (61.6)	1.45" (36.8)	0.73" (18.5)	1.13" (28.7)
FMF812UAFN - 1	1/2" (12.7)	3/4	0.375" (9.53)	2.44" (62.0)	1.45" (36.8)	0.74" (18.8)	1.38" (35.1)
FMF816UAFN - 1	1/2" (12.7)	1	0.375" (9.53)	2.59" (65.8)	1.45" (36.8)	0.59" (14.9)	1.19" (30.2)
FMF128UAFN - 1	3/4" (19.1)	1/2	0.625" (15.88)	2.50" (63.6)	1.52" (38.7)	0.73" (18.5)	1.19" (30.2)
FMF1212UAFN - 1	3/4" (19.1)	3/4	0.625" (15.88)	2.53" (64.2)	1.54" (39.0)	0.74" (18.8)	1.38" (35.1)
FMF1216UAFN - 1	3/4" (19.1)	1	0.375" (9.53)	2.68" (68.1)	1.54" (39.0)	0.59" (14.9)	1.63" (41.4)
FMF168UAFN - 1	1" (25.4)	1/2	0.632" (16.05)	2.75" (69.9)	1.77" (45.0)	0.73" (18.5)	1.44" (36.6)
FMF1612UAFN - 1	1" (25.4)	3/4	0.875" (22.23)	2.75" (69.9)	1.77" (45.0)	0.74" (18.8)	1.44" (36.6)
FMF1616UAFN - 1	1" (25.4)	1	0.875" (22.23)	2.75" (69.8)	1.76" (44.6)	0.90" (22.7)	1.63" (41.4)

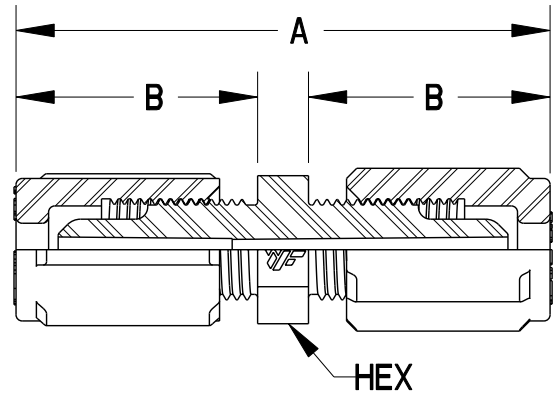
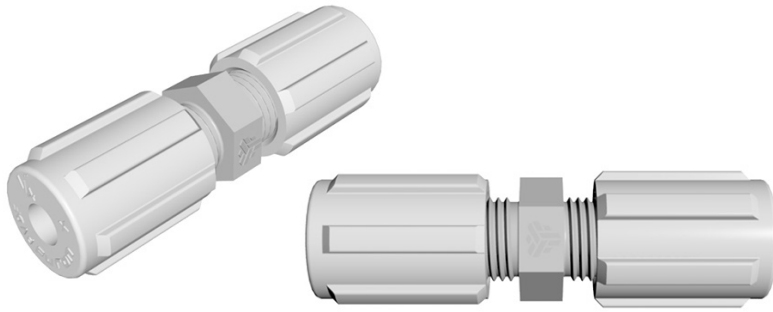
UAM - Union Adapter Male



Furon® UAM - Union Adapter Male

Part Number	Tube Size (mm)	Male NPT (mm)	Orifice (mm)	A (mm)	B (mm)	C (mm)	HEX (mm)
FMF42UAMN - 1	1/4" (6.4)	1/8" (3.2)	0.125" (3.18)	2.02" (51.2)	1.22" (30.9)	0.55" (14.0)	0.63" (16.0)
FMF44UAMN - 1	1/4" (6.4)	1/4" (6.4)	0.125" (3.18)	2.02" (51.2)	1.22" (30.9)	0.55" (14.0)	0.63" (16.0)
FMF46UAMN - 1	1/4" (6.4)	3/8" (9.5)	0.125" (3.18)	2.02" (51.2)	1.22" (30.9)	0.55" (14.0)	0.81" (20.6)
FMF48UAMN - 1	1/4" (6.4)	1/2" (12.7)	0.125" (3.18)	2.14" (54.3)	1.22" (30.9)	0.67" (17.0)	0.94" (23.9)
FMF412UAMN - 1	1/4" (6.4)	3/4" (19.1)	0.125" (3.18)	2.14" (54.3)	1.22" (30.9)	0.67" (17.0)	1.19" (30.2)
FMF62UAMN - 1	3/8" (9.5)	1/8" (3.2)	0.215" (5.46)	2.11" (53.7)	1.31" (33.4)	0.55" (14.0)	0.81" (20.6)
FMF64UAMN - 1	3/8" (9.5)	1/4" (6.4)	0.250" (6.35)	2.11" (53.7)	1.31" (33.4)	0.55" (14.0)	0.81" (20.6)
FMF66UAMN - 1	3/8" (9.5)	3/8" (9.5)	0.250" (6.35)	2.11" (53.7)	1.31" (33.4)	0.55" (14.0)	0.81" (20.6)
FMF68UAMN - 1	3/8" (9.5)	1/2" (12.7)	0.250" (6.35)	2.23" (56.7)	1.31" (33.4)	0.67" (17.0)	0.94" (23.9)
FMF612UAMN - 1	3/8" (9.5)	3/4" (19.1)	0.250" (6.35)	2.23" (56.7)	1.31" (33.4)	0.67" (17.0)	1.19" (30.2)
FMF616UAMN - 1	3/8" (9.5)	1" (25.4)	0.250" (6.35)	2.41" (61.3)	1.31" (33.4)	0.85" (21.6)	1.44" (36.6)
FMF82UAMN - 1	1/2" (12.7)	1/8" (3.2)	0.215" (5.46)	2.22" (56.5)	1.42" (36.1)	0.55" (14.0)	0.94" (23.9)
FMF84UAMN - 1	1/2" (12.7)	1/4" (6.4)	0.302" (7.67)	2.22" (56.5)	1.42" (36.1)	0.55" (14.0)	0.94" (23.9)
FMF86UAMN - 1	1/2" (12.7)	3/8" (9.5)	0.375" (9.53)	2.22" (56.5)	1.42" (36.1)	0.55" (14.0)	0.94" (23.9)
FMF88UAMN - 1	1/2" (12.7)	1/2" (12.7)	0.375" (9.53)	2.34" (59.5)	1.42" (36.1)	0.67" (17.0)	0.94" (23.9)
FMF812UAMN - 1	1/2" (12.7)	3/4" (19.1)	0.375" (9.53)	2.34" (59.5)	1.42" (36.1)	0.67" (17.0)	1.19" (30.2)
FMF816UAMN - 1	1/2" (12.7)	1" (25.4)	0.375" (9.53)	2.52" (64.1)	1.42" (36.1)	0.85" (21.6)	1.44" (36.6)
FMF128UAMN - 1	3/4" (19.1)	1/2" (12.7)	0.546" (13.87)	2.44" (62.1)	1.52" (38.7)	0.67" (17.0)	1.19" (30.2)
FMF1212UAMN - 1	3/4" (19.1)	3/4" (19.1)	0.625" (15.88)	2.44" (62.1)	1.52" (38.7)	0.67" (17.0)	1.19" (30.2)
FMF1216UAMN - 1	3/4" (19.1)	1" (25.4)	0.625" (15.88)	2.62" (66.6)	1.52" (38.7)	0.85" (21.6)	1.44" (36.6)
FMF168UAMN - 1	1" (25.4)	1/2" (12.7)	0.546" (13.87)	2.69" (68.4)	1.77" (45.0)	0.67" (17.0)	1.44" (36.6)
FMF1612UAMN - 1	1" (25.4)	3/4" (19.1)	0.742" (18.85)	2.69" (68.4)	1.77" (45.0)	0.67" (17.0)	1.44" (36.6)
FMF1616UAMN - 1	1" (25.4)	1" (25.4)	0.875" (22.23)	2.87" (73.0)	1.77" (45.0)	0.85" (21.6)	1.44" (36.6)

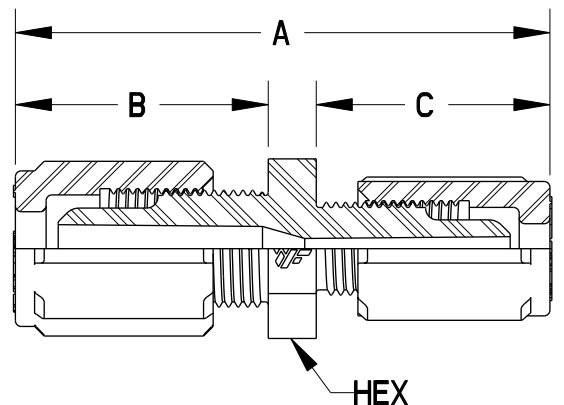
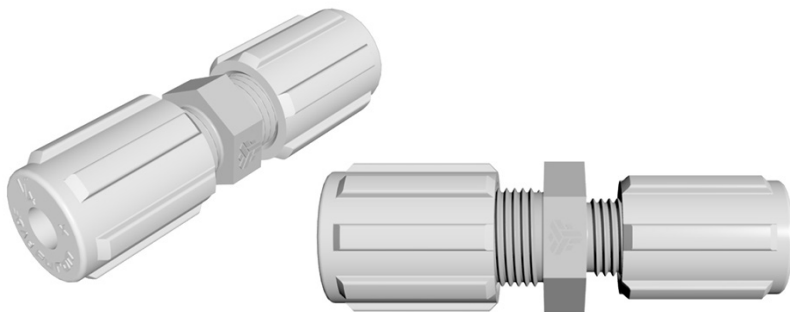
SU - Straight Union



Furon® SU - Straight Union

Part Number	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)	HEX (mm)
FMF4SUN - 1	1/4" (6.4)	0.125" (3.18)	2.68" (68.2)	1.22" (30.9)	0.63" (16.0)
FMF6SUN - 1	3/8" (9.5)	0.250" (6.35)	2.88" (73.1)	1.31" (33.4)	0.81" (20.6)
FMF8SUN - 1	1/2" (12.7)	0.375" (9.53)	3.10" (78.6)	1.42" (36.1)	0.94" (23.9)
FMF12SUN - 1	3/4" (19.1)	0.625" (15.88)	3.30" (83.7)	1.52" (38.7)	0.19" (30.2)
FMF16SUN - 1	1" (25.4)	0.875" (22.23)	2.78" (70.7)	1.27" (32.2)	1.44" (36.6)

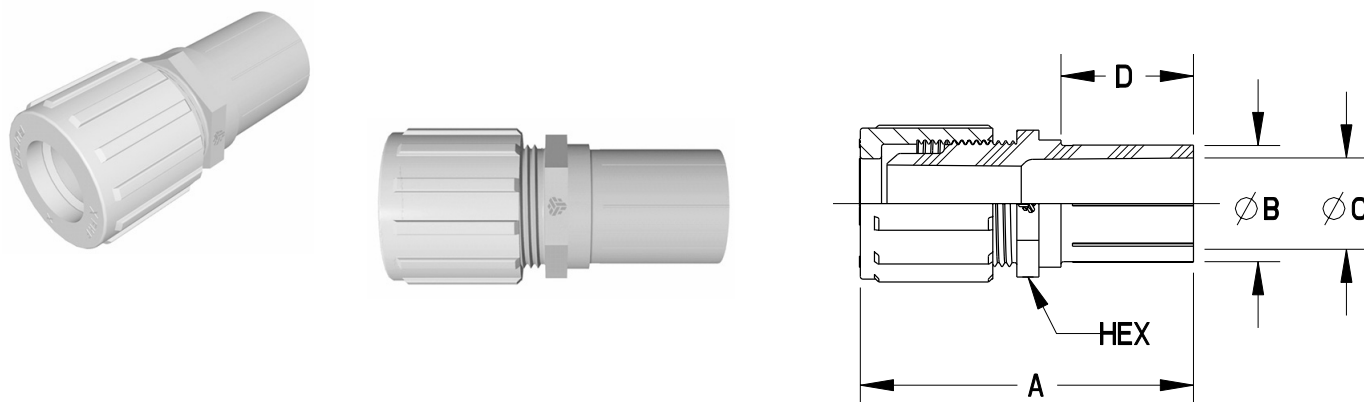
SUR - Straight Union Reducer



Furon® SUR - Straight Union Reducer

Part Number	Tube Size (mm)	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)	C (mm)	HEX (mm)
FMF64SURN - 1	3/8" (9.5)	1/4" (6.4)	0.125" (3.18)	2.78" (70.6)	1.31" (33.4)	1.22" (30.9)	0.81" (20.6)
FMF84SURN - 1	1/2" (12.7)	1/4" (6.4)	0.125" (3.18)	2.89" (73.4)	1.42" (36.1)	1.22" (30.9)	0.94" (23.9)
FMF86SURN - 1	1/2" (12.7)	3/8" (9.5)	0.250" (6.35)	2.99" (75.8)	1.42" (36.1)	1.31" (33.4)	0.94" (23.9)
FMF124SURN - 1	3/4" (19.1)	1/4" (6.4)	0.125" (3.18)	2.99" (75.8)	1.52" (38.7)	1.22" (30.9)	0.19" (30.2)
FMF126SURN - 1	3/4" (19.1)	3/8" (9.5)	0.250" (6.35)	3.09" (78.4)	1.52" (38.7)	1.31" (33.4)	0.19" (30.2)
FMF128SURN - 1	3/4" (19.1)	1/2" (12.7)	0.375" (9.53)	3.20" (81.2)	1.52" (38.7)	1.42" (36.1)	0.19" (30.2)
FMF168SURN - 1	1" (25.4)	1/2" (12.7)	0.375" (9.53)	3.45" (87.5)	1.77" (45.0)	1.42" (36.1)	1.44" (36.6)
FMF1612SURN - 1	1" (25.4)	3/4" (19.1)	0.625" (15.88)	3.55" (90.1)	1.77" (45.0)	1.52" (38.7)	1.44" (36.6)

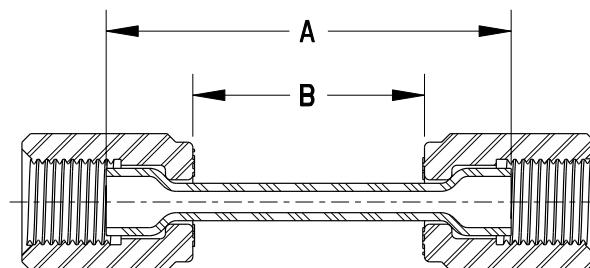
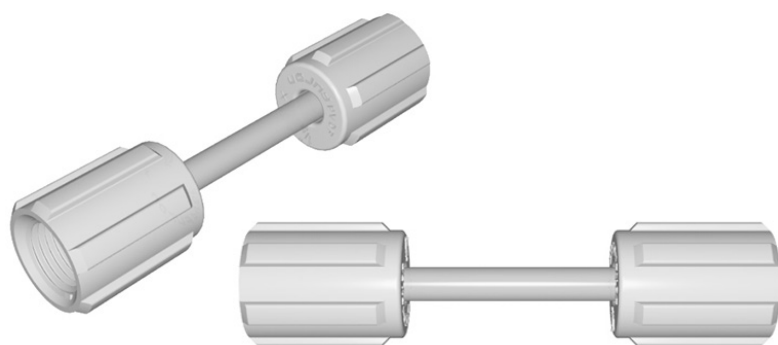
UA - Union Adapter (FuseBond™)



Furon® UA - Union Adapter (FuseBond)

Part Number	Tube Size (mm)	Nominal Pipe Size (in) by Schedule 40	A (mm)	ØB (mm)	ØC (mm)	D (mm)	HEX (mm)
FBUA-4F4N - 1	1/4" (6.4)	1/4"	2.22" (56.3)	0.540" (13.72)	0.354" (8.99)	0.50" (12.7)	0.68" (17.3)
FBUA-4F8N - 1	1/4" (6.4)	1/2"	3.22" (81.7)	0.840" (21.34)	0.607" (15.42)	1.50" (38.1)	0.94" (23.9)
FBUA-4F12N - 1	1/4" (6.4)	3/4"	3.22" (81.7)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)	1.18" (30.0)
FBUA-6F4N - 1	3/8" (9.5)	1/4"	2.31" (58.7)	0.540" (13.72)	0.354" (8.99)	0.50" (12.7)	0.81" (20.6)
FBUA-6F8N - 1	3/8" (9.5)	1/2"	3.31" (84.1)	0.840" (21.34)	0.607" (15.42)	1.50" (38.1)	0.94" (23.9)
FBUA-6F12N - 1	3/8" (9.5)	3/4"	3.31" (84.1)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)	1.18" (30.0)
FBUA-8F8N - 1	1/2" (12.7)	1/2"	3.42" (86.9)	0.840" (21.34)	0.607" (15.42)	1.53" (38.9)	0.94" (23.9)
FBUA-8F12N - 1	1/2" (12.7)	3/4"	3.42" (86.9)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)	1.18" (30.0)
FBUA-8F16N - 1	1/2" (12.7)	1"	3.42" (86.9)	1.315" (33.40)	1.034" (26.26)	1.50" (38.1)	1.44" (36.6)
FBUA-12F8N - 1	3/4" (19.1)	1/2"	3.52" (89.5)	0.840" (21.34)	0.607" (15.42)	1.53" (38.9)	1.18" (30.0)
FBUA-12F12N - 1	3/4" (19.1)	3/4"	3.52" (89.5)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)	1.18" (30.0)
FBUA-12F16N - 1	3/4" (19.1)	1"	3.52" (89.5)	1.315" (33.40)	1.034" (26.26)	1.50" (38.1)	1.44" (36.6)
FBUA-16F8N - 1	1" (25.4)	1/2"	3.77" (95.8)	0.840" (21.34)	0.607" (15.42)	1.50" (38.1)	1.44" (36.6)
FBUA-16F12N - 1	1" (25.4)	3/4"	3.77" (95.8)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)	1.44" (36.6)
FBUA-16F16N - 1	1" (25.4)	1"	3.77" (95.8)	1.315" (33.40)	1.034" (26.26)	1.50" (38.1)	1.44" (36.6)
FBUA-16F24N - 1	1" (25.4)	1-1/2"	3.77" (95.8)	1.900" (48.26)	1.610" (40.89)	1.50" (38.1)	2.03" (51.6)
FBUA-16F32N - 1	1" (25.4)	2"	3.77" (95.8)	2.375" (60.33)	2.052" (52.12)	1.50" (38.1)	2.50" (63.5)

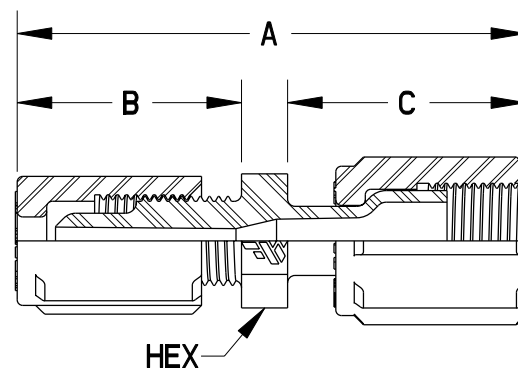
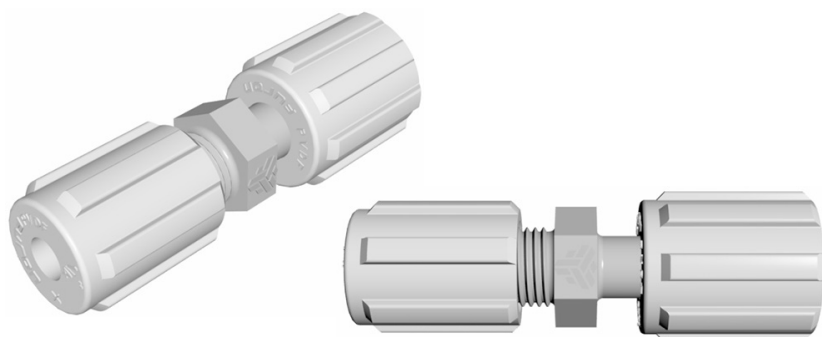
STU - Straight Tube Union



Furon® STU - Straight Tube Union

Part Number	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)
FMF4STUN - 1	1/4" (6.4)	0.125" (3.18)	3.47" (88.1)	2.46" (62.4)
FMF6STUN - 1	3/8" (9.5)	0.250" (6.35)	3.61" (91.7)	2.30" (58.4)
FMF8STUN - 1	1/2" (12.7)	0.375" (9.53)	3.98" (101.1)	2.56" (65.0)
FMF12STUN - 1	3/4" (19.1)	0.625" (15.88)	4.48" (113.8)	3.04" (77.2)
FMF16STUN - 1	1" (25.4)	0.875" (22.23)	3.86" (98.0)	2.24" (56.9)

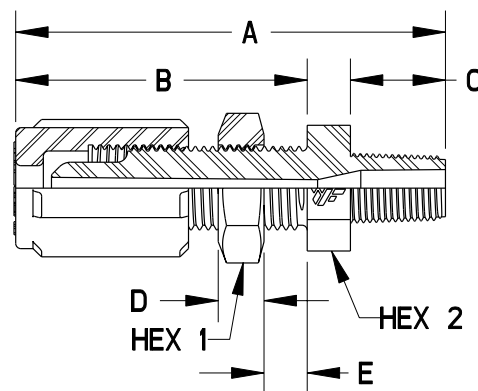
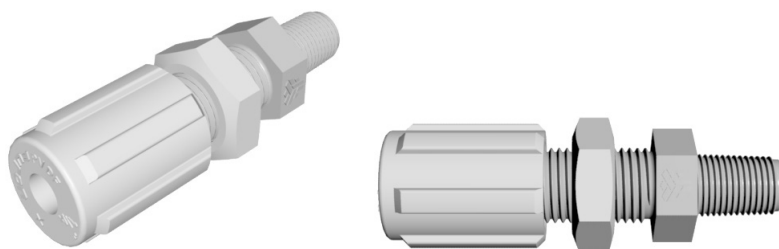
UAFF - Union Adapter Female Flare



Furon® UAFF - Union Adapter Female Flare (FF)

Part Number	Tube Size (mm)	Tube Size FF (mm)	Orifice (mm)	A (mm)	B (mm)	C (mm)	HEX (mm)
FMF46UAFFN - 1	1/4" (6.4)	3/8" (9.5)	0.150" (3.81)	2.76" (70.1)	1.22" (30.9)	1.29" (32.8)	0.63" (16.0)
FMF48UAFFN - 1	1/4" (6.4)	1/2" (12.7)	0.150" (3.81)	2.83" (71.8)	1.22" (30.9)	1.36" (34.5)	0.63" (16.0)
FMF68UAFFN - 1	3/8" (9.5)	1/2" (12.7)	0.250" (6.35)	2.92" (74.2)	1.31" (33.4)	1.36" (34.5)	0.63" (16.0)
FMF612UAFFN - 1	3/8" (9.5)	3/4" (19.1)	0.250" (6.35)	3.10" (78.7)	1.31" (33.4)	1.53" (39.0)	0.94" (23.9)
FMF88UAFFN - 1	1/2" (12.7)	1/2" (12.7)	0.375" (9.53)	3.03" (77.0)	1.42" (36.1)	1.36" (34.5)	0.81" (20.6)
FMF812UAFFN - 1	1/2" (12.7)	3/4" (19.1)	0.375" (9.53)	3.21" (81.5)	1.42" (36.1)	1.53" (39.0)	0.81" (20.6)
FMF1212UAFFN - 1	3/4" (19.1)	3/4" (19.1)	0.625" (15.88)	3.31" (84.0)	1.52" (38.7)	1.53" (39.0)	0.94" (23.9)
FMF1216UAFFN - 1	3/4" (19.1)	1" (25.4)	0.625" (15.88)	3.58" (90.9)	1.52" (38.7)	1.80" (45.8)	1.19" (30.2)
FMF1612UAFFN - 1	1" (25.4)	3/4" (19.1)	0.625" (15.88)	3.56" (90.4)	1.77" (45.0)	1.53" (39.0)	1.44" (36.6)
FMF1616UAFFN - 1	1" (25.4)	1" (25.4)	0.875" (22.23)	3.83" (97.2)	1.77" (45.0)	1.80" (45.8)	1.44" (36.6)

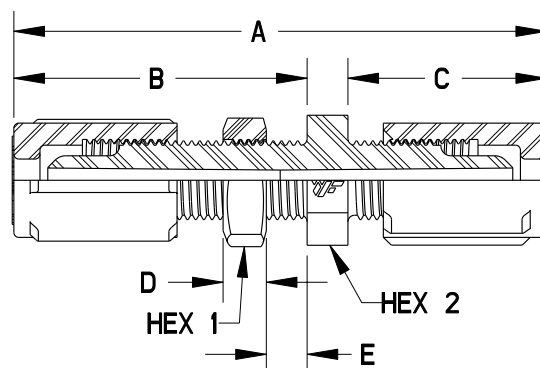
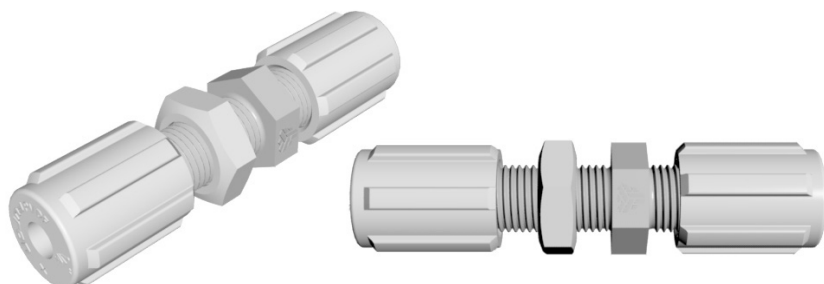
UAMP - Union Adapter Male Panel



Furon® UAMP - Union Adapter Male Panel

Part Number	Tube Size (mm)	Male NTP	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E Max (mm)	HEX 1 (mm)	HEX 2 (mm)
FMF42UAMPN - 1	1/4" (6.4)	1/8"	0.150" (3.81)	2.60" (66.0)	1.80" (45.6)	0.55" (14.0)	0.27" (6.7)	0.25" (6.4)	0.75" (19.1)	0.63" (16.0)
FMF44UAMPN - 1	1/4" (6.4)	1/4"	0.150" (3.81)	2.60" (66.0)	1.80" (45.6)	0.55" (14.0)	0.27" (6.7)	0.25" (6.4)	0.75" (19.1)	0.69" (17.5)
FMF66UAMPN - 1	3/8" (9.5)	3/8"	0.250" (6.35)	2.73" (69.4)	1.93" (49.1)	0.55" (14.0)	0.27" (6.7)	0.25" (6.4)	0.94" (23.9)	0.81" (20.6)
FMF84UAMPN - 1	1/2" (12.7)	1/4"	0.302" (7.67)	2.87" (73.0)	2.07" (52.7)	0.55" (14.0)	0.27" (6.7)	0.25" (6.4)	1.06" (26.9)	0.94" (23.9)
FMF86UAMPN - 1	1/2" (12.7)	3/8"	0.375" (9.53)	2.87" (73.0)	2.07" (52.7)	0.55" (14.0)	0.27" (6.7)	0.25" (6.4)	1.06" (26.9)	0.94" (23.9)
FMF88UAMPN - 1	1/2" (12.7)	1/2"	0.375" (9.53)	2.99" (76.0)	2.07" (52.7)	0.67" (17.0)	0.27" (6.7)	0.25" (6.4)	1.06" (26.9)	0.94" (23.9)
FMF128UAMPN - 1	3/4" (19.1)	1/2"	0.546" (13.87)	3.30" (83.9)	2.38" (60.5)	0.67" (17.0)	0.27" (6.7)	0.25" (6.4)	1.31" (33.3)	1.19" (30.2)
FMF1212UAMPN - 1	3/4" (19.1)	3/4"	0.625" (15.88)	3.30" (83.9)	2.38" (60.5)	0.67" (17.0)	0.27" (6.7)	0.25" (6.4)	1.31" (33.3)	1.19" (30.2)
FMF1612UAMPN - 1	1" (25.4)	3/4"	0.742" (18.85)	3.40" (86.4)	2.48" (63.1)	0.67" (17.0)	0.27" (6.7)	0.25" (6.4)	1.75" (44.5)	1.44" (36.6)
FMF1616UAMPN - 1	1" (25.4)	1"	0.875" (22.23)	3.40" (86.4)	2.48" (63.1)	0.67" (17.0)	0.27" (6.7)	0.25" (6.4)	1.75" (44.5)	1.44" (36.6)

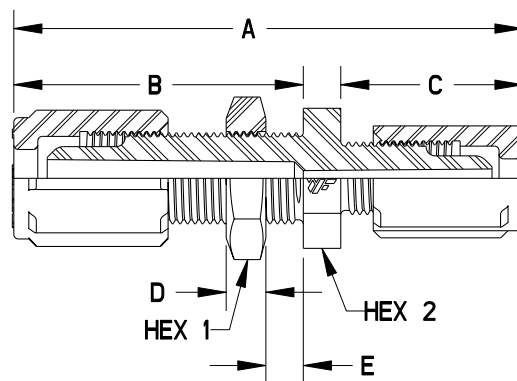
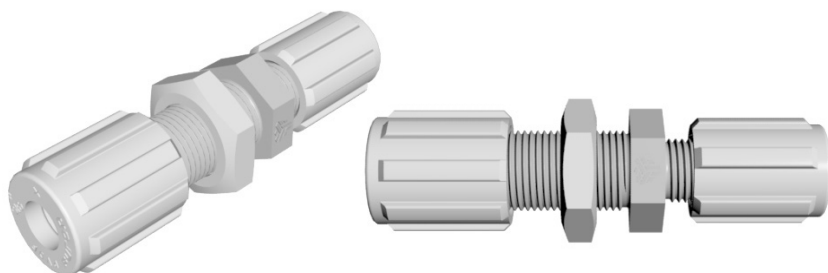
SUP - Straight Union Panel



Furon® SUP - Straight Union Panel

Part Number	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E Max (mm)	HEX 1 (mm)	HEX 2 (mm)
FMF4SUPN - 1	1/4" (6.4)	0.150" (3.81)	3.26" (82.9)	1.80" (45.6)	1.22" (30.9)	0.27" (6.7)	0.25" (6.4)	0.75" (19.1)	0.69" (17.5)
FMF6SUPN - 1	3/8" (9.5)	0.250" (6.35)	3.50" (88.8)	1.93" (49.1)	1.31" (33.4)	0.27" (6.7)	0.25" (6.4)	0.75" (19.1)	0.81" (20.6)
FMF8SUPN - 1	1/2" (12.7)	0.375" (9.53)	3.68" (93.4)	2.07" (52.7)	1.35" (34.4)	0.27" (6.7)	0.25" (6.4)	0.75" (19.1)	0.94" (23.9)
FMF12SUPN - 1	3/4" (19.1)	0.625" (15.88)	4.16" (105.6)	2.38" (60.5)	1.52" (38.7)	0.27" (6.7)	0.25" (6.4)	0.75" (19.1)	1.19" (30.2)
FMF16SUPN - 1	1" (25.4)	0.875" (22.23)	4.51" (114.5)	2.48" (63.1)	1.77" (45.0)	0.27" (6.7)	0.25" (6.4)	0.75" (19.1)	1.75" (44.5)

SUPR - Straight Union Panel Reducer



Furon[®] SUPR - Straight Union Panel Reducer

Part Number	Tube Size (mm)	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E Max (mm)	HEX 1 (mm)	HEX 2 (mm)
FMF64SUPRN - 1	3/8" (9.5)	1/4" (6.4)	0.125" (3.18)	3.40" (86.4)	1.93" (49.1)	1.22" (30.9)	0.27" (6.7)	0.25" (6.4)	0.94" (23.9)	0.81" (20.6)
FMF84SUPRN - 1	1/2" (12.7)	1/4" (6.4)	0.125" (3.18)	3.54" (89.9)	2.07" (52.7)	1.22" (30.9)	0.27" (6.7)	0.25" (6.4)	1.06" (26.9)	0.94" (23.9)
FMF86SUPRN - 1	1/2" (12.7)	3/8" (9.5)	0.250" (6.35)	3.64" (92.4)	2.07" (52.7)	1.31" (33.4)	0.27" (6.7)	0.25" (6.4)	1.06" (26.9)	0.94" (23.9)
FMF128SUPRN - 1	3/4" (19.1)	1/2" (12.7)	0.375" (9.53)	3.99" (101.2)	2.38" (60.5)	1.35" (34.4)	0.27" (6.7)	0.25" (6.4)	1.31" (33.3)	1.19" (30.2)
FMF1612SUPRN - 1	1" (25.5)	3/4" (19.1)	0.625" (15.88)	4.24" (107.7)	2.48" (63.1)	1.51" (38.3)	0.27" (6.7)	0.25" (6.4)	1.75" (44.5)	1.75" (44.5)

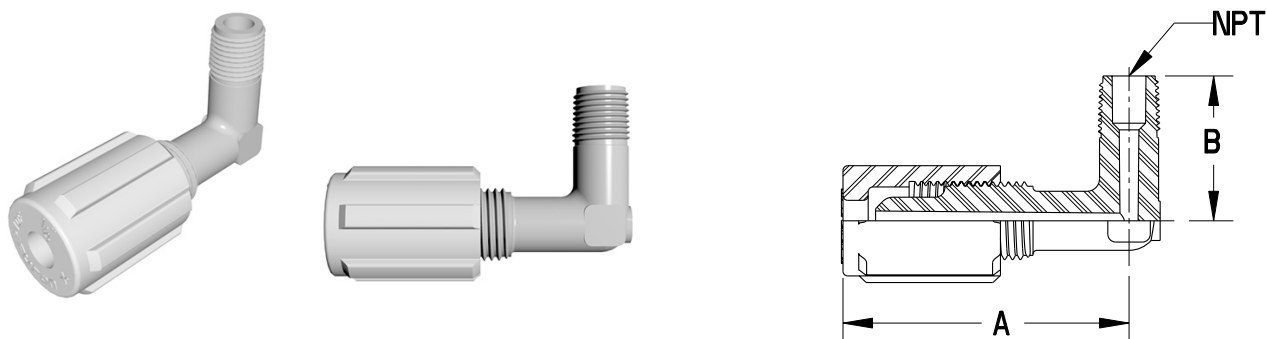
UAFF - Union Adapter Female Flare (FuseBond™)



Furon® UAFF - Union Adapter Female Flare (FuseBond)

Part Number	Tube Size FF (mm)	Nominal Pipe Size (in) by Schedule 40	A (mm)	ØB (mm)	ØC (mm)	D (mm)
FBUA - 4FF4N - 1	1/4" (6.4)	1/4"	2.34" (59.5)	0.540" (13.72)	0.354" (8.99)	0.50" (12.7)
FBUA - 8FF8N - 1	1/2" (12.7)	1/2"	3.39" (86.2)	0.840" (21.34)	0.607" (15.42)	1.50" (38.1)
FBUA - 8FF8/CN - 1	1/2" (12.7)	1/2"	2.39" (60.8)	0.840" (21.34)	0.607" (15.42)	0.50" (12.7)
FBUA - 8FF12N - 1	1/2" (12.7)	3/4"	3.50" (88.8)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)
FBUA - 8FF12/CN - 1	1/2" (12.7)	3/4"	2.50" (63.4)	1.050" (26.67)	0.809" (20.55)	0.50" (12.7)
FBUA - 12FF8N - 1	3/4" (19.1)	1/2"	3.44" (87.4)	0.840" (21.34)	0.607" (15.42)	1.50" (38.1)
FBUA - 12FF8/CN - 1	3/4" (19.1)	1/2"	2.44" (62.0)	0.840" (21.34)	0.607" (15.42)	0.50" (12.7)
FBUA - 12FF12N - 1	3/4" (19.1)	3/4"	3.55" (90.1)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)
FBUA - 12FF12/CN - 1	3/4" (19.1)	3/4"	2.55" (64.7)	1.050" (26.67)	0.809" (20.55)	0.50" (12.7)
FBUA - 12FF16N - 1	3/4" (19.1)	1"	3.68" (93.4)	1.315" (33.40)	1.034" (26.26)	1.50" (38.1)
FBUA - 12FF16/CN - 1	3/4" (19.1)	1"	2.68" (68.0)	1.315" (33.40)	1.034" (26.26)	0.50" (12.7)
FBUA - 16FF12N - 1	1" (25.4)	3/4"	3.69" (93.6)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)
FBUA - 16FF12/CN - 1	1" (25.4)	3/4"	2.69" (68.2)	1.050" (26.67)	0.809" (20.55)	0.50" (12.7)
FBUA - 16FF16N - 1	1" (25.4)	1"	3.82" (97.0)	1.315" (33.40)	1.034" (26.26)	1.50" (38.1)
FBUA - 16FF16/CN - 1	1" (25.4)	1"	2.82" (71.6)	1.315" (33.40)	1.034" (26.26)	0.50" (12.7)
FBUA - 16FF24N - 1	1" (25.4)	1-1/2"	4.11" (104.4)	1.900" (48.26)	1.610" (40.89)	1.50" (38.1)
FBUA - 16FF24/CN - 1	1" (25.4)	1-1/2"	3.11" (79.0)	1.900" (48.26)	1.610" (40.89)	0.50" (12.7)
FBUA - 16FF32N - 1	1" (25.4)	2"	4.35" (110.4)	2.375" (60.33)	2.052" (52.12)	1.50" (38.1)
FBUA - 16FF32/CN - 1	1" (25.4)	2"	3.35" (85.0)	2.375" (60.33)	2.052" (52.12)	0.50" (12.7)

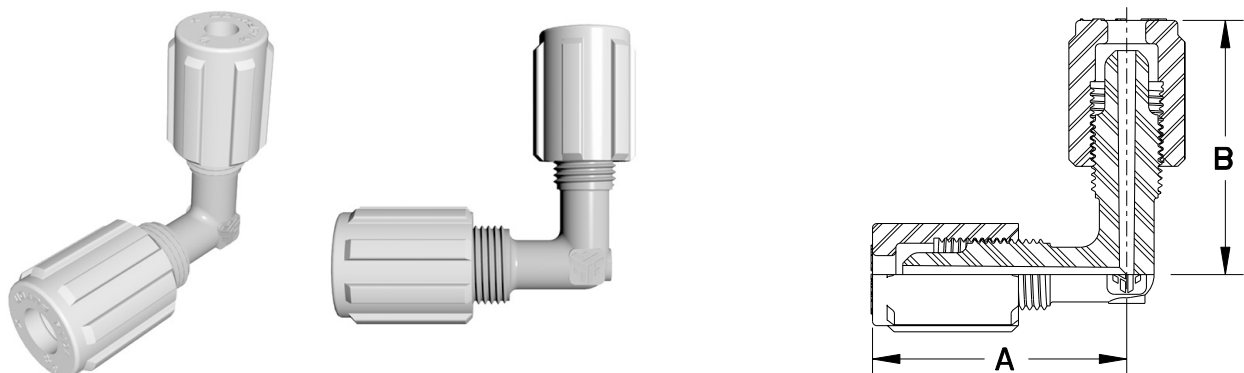
EAM - Elbow Adapter Male



Furon® EAM - Elbow Adapter Male

Part Number	Tube Size (mm)	Male NTP	Orifice (mm)	A (mm)	B (mm)
FMF42EAMN - 1	1/4" (6.4)	1/8" (3.2)	0.125" (3.18)	1.82" (46.2)	0.92" (23.4)
FMF44EAMN - 1	1/4" (6.4)	1/4" (6.4)	0.125" (3.18)	1.82" (46.2)	1.12" (28.4)
FMF46EAMN - 1	1/4" (6.4)	3/8" (9.5)	0.125" (3.18)	1.82" (46.2)	1.12" (28.4)
FMF48EAMN - 1	1/4" (6.4)	1/2" (12.7)	0.125" (3.18)	1.82" (46.2)	1.31" (33.3)
FMF62EAMN - 1	3/8" (9.5)	1/8" (3.2)	0.200" (5.08)	1.95" (49.6)	0.97" (24.6)
FMF64EAMN - 1	3/8" (9.5)	1/4" (6.4)	0.250" (6.35)	1.95" (49.6)	1.18" (30.0)
FMF66EAMN - 1	3/8" (9.5)	3/8" (9.5)	0.250" (6.35)	1.95" (49.6)	1.18" (30.0)
FMF68EAMN - 1	3/8" (9.5)	1/2" (12.7)	0.250" (6.35)	1.96" (49.9)	1.36" (34.5)
FMF612EAMN - 1	3/8" (9.5)	3/4" (19.1)	0.250" (6.35)	2.17" (55.2)	1.36" (34.5)
FMF84EAMN - 1	1/2" (12.7)	1/4" (6.4)	0.290" (7.37)	2.09" (53.2)	1.24" (31.5)
FMF86EAMN - 1	1/2" (12.7)	3/8" (9.5)	0.375" (9.53)	2.09" (53.2)	1.24" (31.5)
FMF88EAMN - 1	1/2" (12.7)	1/2" (12.7)	0.375" (9.53)	2.09" (53.2)	1.42" (36.1)
FMF812EAMN - 1	1/2" (12.7)	3/4" (19.1)	0.375" (9.53)	2.26" (57.5)	1.42" (36.1)
FMF128EAMN - 1	3/4" (19.1)	1/2" (12.7)	0.540" (13.72)	2.44" (62.1)	1.57" (39.9)
FMF1212EAMN - 1	3/4" (19.1)	3/4" (19.1)	0.625" (15.88)	2.45" (62.3)	1.57" (39.9)
FMF1216EAMN - 1	3/4" (19.1)	1" (25.4)	0.625" (15.88)	2.72" (69.2)	1.78" (45.2)
FMF1612EAMN - 1	1" (25.4)	3/4" (19.1)	0.660" (16.76)	2.80" (71.2)	1.82" (46.2)
FMF1616EAMN - 1	1" (25.4)	1" (25.4)	0.875" (22.23)	3.00" (76.3)	2.02" (51.3)

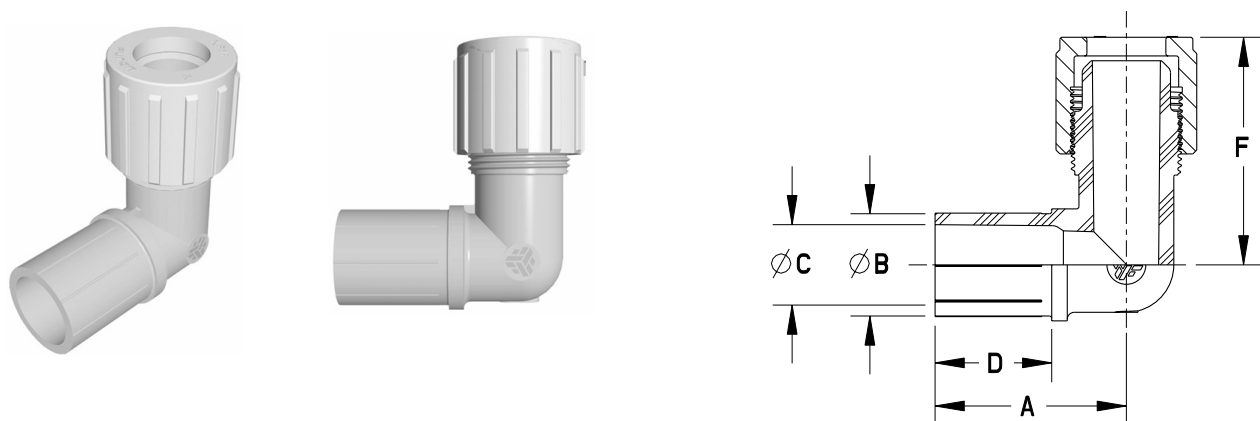
UE - Union Elbow



Furon® UE - Union Elbow

Part Number	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)
FMF4UEN - 1	1/4" (6.4)	0.125" (3.18)	1.74" (44.2)	1.74" (44.2)
FMF6UEN - 1	3/8" (9.5)	0.250" (6.35)	1.89" (48.1)	1.89" (48.1)
FMF8UEN - 1	1/2" (12.7)	0.375" (9.53)	2.06" (52.4)	2.06" (52.4)
FMF12UEN - 1	3/4" (19.1)	0.625" (15.88)	1.74" (44.2)	1.74" (44.2)
FMF16UEN - 1	1" (25.4)	0.875" (22.23)	2.80" (71.2)	2.80" (71.2)

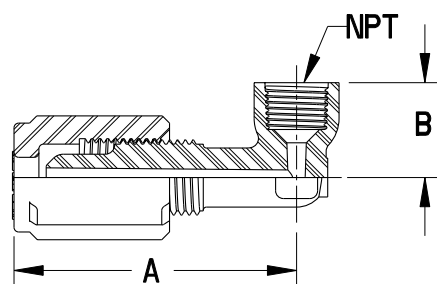
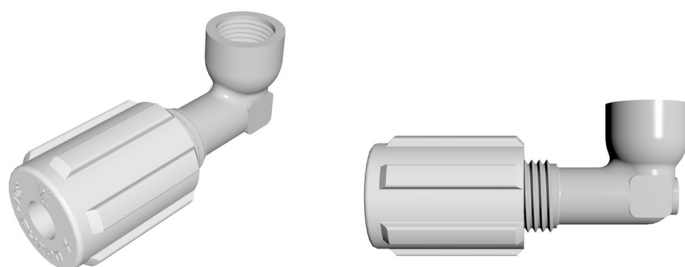
ETA - Elbow Tube Adapter



Furon® ETA - Elbow Tube Adapter

Part Number	Tube Size (mm)	Nominal Pipe Size (in) by Schedule 40	A (mm)	ØB (mm)	ØC (mm)	D (mm)	F (mm)
FBETA - 4F4N - 1	1/4" (6.4)	1/4"	1.08" (27.4)	0.540" (13.716)	0.354" (8.99)	0.50" (12.7)	1.99" (50.6)
FBETA - 8F8N - 1	1/2" (12.7)	1/2"	2.20" (55.9)	0.840" (21.336)	0.607" (15.42)	1.50" (38.1)	2.51" (63.8)
FBETA - 8F12N - 1	1/2" (12.7)	3/4"	2.23" (56.6)	1.050" (26.670)	0.809" (20.55)	1.50" (38.1)	2.54" (64.6)
FBETA - 12F12N - 1	3/4" (19.1)	3/4"	2.35" (59.7)	1.050" (26.670)	0.809" (20.55)	1.50" (38.1)	2.57" (65.2)
FBETA - 12F16N - 1	1/2" (12.7)	1"	2.35" (59.7)	1.315" (33.401)	1.034" (26.26)	1.50" (38.1)	2.73" (69.3)
FBETA - 16F16N - 1	1" (25.4)	1"	2.46" (62.5)	1.315" (33.401)	1.034" (26.26)	1.50" (38.1)	2.93" (74.3)
FBETA - 16F24N - 1	1" (25.4)	1-1/2"	2.44" (61.9)	1.900" (48.260)	1.610" (40.89)	1.50" (38.1)	3.21" (81.5)
FBETA - 16F32N - 1	1" (25.4)	2"	2.50" (63.5)	2.375" (60.325)	2.052" (52.12)	1.50" (38.1)	3.42" (86.8)
FBETA - 12F8N - 1	3/4" (19.1)	1/2"	2.20" (55.9)	0.840" (21.336)	0.607" (15.42)	1.50" (38.1)	2.57" (65.3)
FBETA - 16F12N - 1	1" (25.4)	3/4"	2.35" (59.7)	1.050" (26.670)	0.809" (20.55)	1.50" (38.1)	2.90" (73.7)

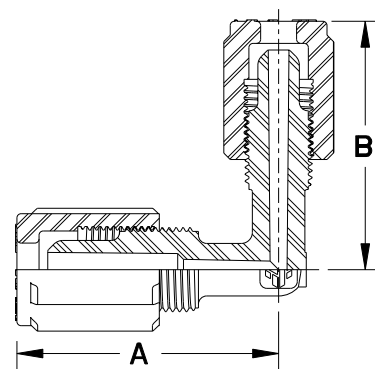
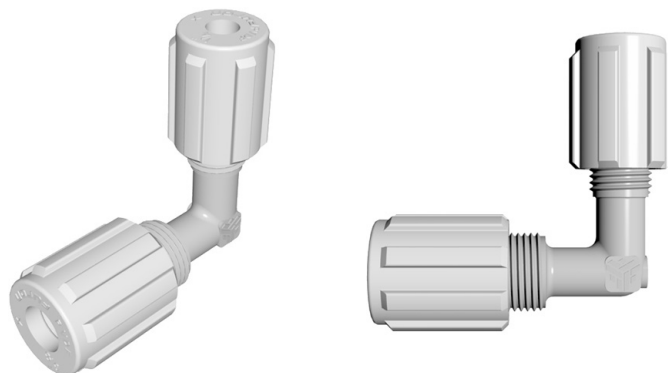
EAF - Elbow Adapter Female



Furon® EAF - Elbow Adapter Female

Part Number	Tube Size (mm)	Female NTP (mm)	Orifice (mm)	A (mm)	B (mm)
FMF42EAFN - 1	1/4" (6.4)	1/8" (3.2)	0.125" (3.18)	1.82" (46.2)	0.61" (15.5)
FMF44EAFN - 1	1/4" (6.4)	1/4" (6.4)	0.125" (3.18)	1.82" (46.2)	0.88" (22.4)
FMF64EAFN - 1	3/8" (9.5)	1/4" (6.4)	0.250" (6.35)	1.96" (49.9)	0.85" (21.6)
FMF66EAFN - 1	3/8" (9.5)	3/8" (9.5)	0.250" (6.35)	1.95" (49.6)	0.91" (23.1)
FMF68EAFN - 1	3/8" (9.5)	1/2" (12.7)	0.875" (22.23)	1.96" (49.9)	1.13" (28.7)
FMF84EAFN - 1	1/2" (12.7)	1/4" (6.4)	0.375" (9.53)	2.09" (53.2)	0.88" (22.4)
FMF86EAFN - 1	1/2" (12.7)	3/8" (9.5)	0.375" (9.53)	2.09" (53.2)	1.00" (25.4)
FMF88EAFN - 1	1/2" (12.7)	1/2" (12.7)	0.375" (9.53)	2.09" (53.2)	1.25" (31.8)
FMF1616EAFN - 1	1" (25.4)	1" (25.4)	0.875" (22.23)	3.00" (76.3)	1.50" (38.1)

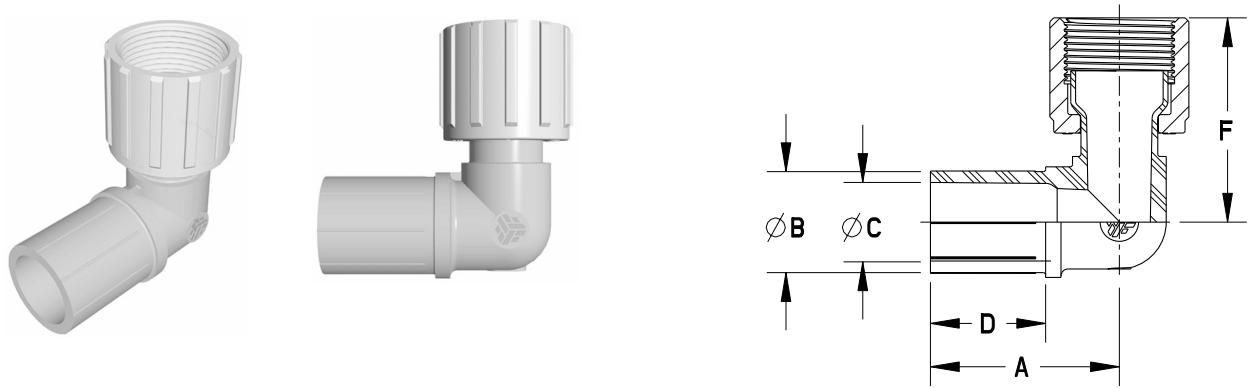
UER - Union Elbow Reducer



Furon® UER - Union Elbow Reducer

Part Number	Tube Size (mm)	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)
FMF64UERN - 1	3/8" (9.5)	1/4" (6.4)	0.150" (3.81)	1.89" (48.1)	1.80" (45.6)
FMF84UERN - 1	1/2" (12.7)	1/4" (6.4)	0.150" (3.81)	2.06" (52.4)	1.80" (45.6)
FMF86UERN - 1	1/2" (12.7)	3/8" (9.5)	0.250" (6.35)	2.06" (52.4)	1.89" (48.1)
FMF124UERN - 1	3/4" (19.1)	1/4" (6.4)	0.150" (3.81)	2.31" (58.8)	1.80" (45.6)
FMF126UERN - 1	3/4" (19.1)	3/8" (9.5)	0.250" (6.35)	2.31" (58.8)	1.89" (48.1)
FMF128UERN - 1	3/4" (19.1)	1/2" (12.7)	0.375" (9.53)	2.31" (58.8)	2.06" (52.4)
FMF1612UERN - 1	1" (25.4)	3/4" (19.1)	0.625" (15.88)	2.80" (71.2)	2.31" (58.8)

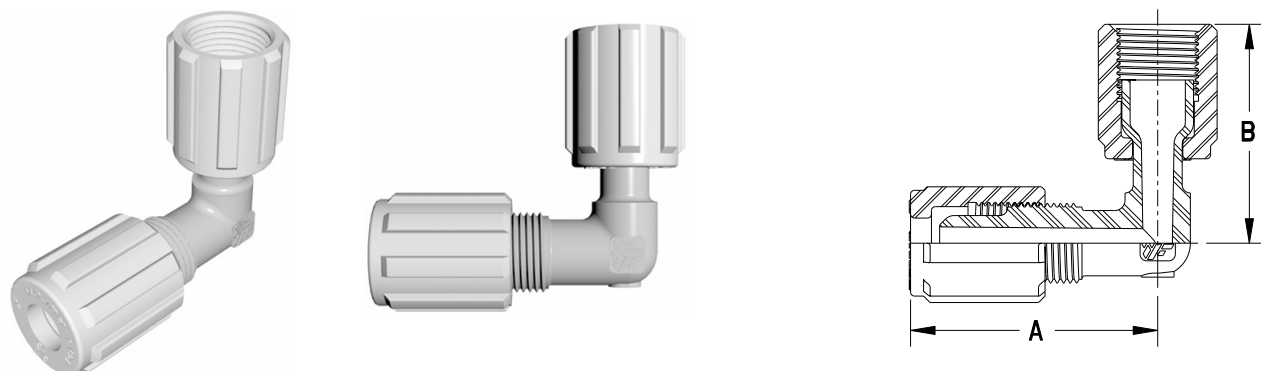
ETAFF - Elbow Tube Adapter Female Flare



Furon® ETAFF - Elbow Tube Adapter Female Flare

Part Number	Tube Size FF (mm)	Nominal Pipe Size (in) by Schedule 40	A (mm)	ØB (mm)	ØC (mm)	D (mm)	F (mm)
FBETA - 4FF4N - 1	1/4" (6.4)	1/4"	1.08" (27.4)	0.540" (13.716)	0.354" (8.99)	0.50" (12.7)	1.82" (46.1)
FBETA - 8FF8N - 1	1/2" (12.7)	1/2"	2.20" (55.9)	0.840" (21.336)	0.607" (15.42)	1.50" (38.1)	2.02" (51.3)
FBETA - 8FF12N - 1	1/2" (12.7)	3/4"	2.23" (56.6)	1.050" (26.670)	0.809" (20.55)	1.50" (38.1)	2.05" (52.1)
FBETA - 12FF12N - 1	3/4" (19.1)	3/4"	2.35" (59.7)	1.050" (26.670)	0.809" (20.55)	1.50" (38.1)	2.22" (56.4)
FBETA - 12FF16N - 1	3/4" (19.1)	1"	2.35" (59.7)	1.315" (33.401)	1.034" (26.26)	1.50" (38.1)	2.39" (60.7)
FBETA - 16FF16N - 1	1" (25.4)	1"	2.46" (62.5)	1.315" (33.401)	1.034" (26.26)	1.50" (38.1)	2.66" (67.6)
FBETA - 16FF24N - 1	1" (25.4)	1-1/2"	2.44" (61.9)	1.900" (48.260)	1.610" (40.89)	1.50" (38.1)	2.94" (74.7)
FBETA - 16FF32N - 1	1" (25.4)	2"	2.50" (63.5)	2.375" (60.325)	2.052" (52.12)	1.50" (38.1)	3.15" (80.0)
FBETA - 12FF8N - 1	3/4" (19.1)	1/2"	2.20" (55.9)	0.845" (21.46)	0.607" (15.42)	1.50" (38.1)	2.21" (56.2)
FBETA - 16FF12N - 1	1" (25.4)	3/4"	2.35" (59.7)	1.055" (26.80)	0.809" (20.55)	1.50" (38.1)	2.66" (67.4)

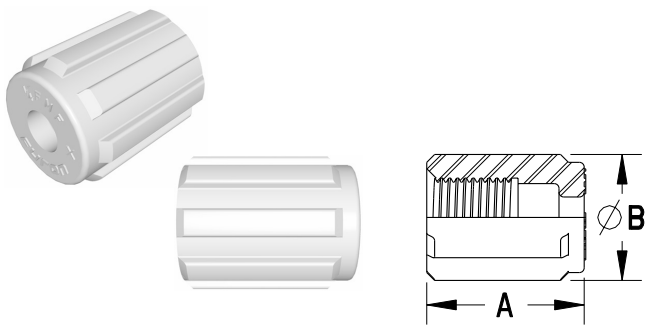
UEFF - Union Elbow Female Flare



Furon® UEFF - Union Elbow Female Flare

Part Number	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)
FMF6FFUEN - 1	3/8" (9.5)	0.250" (6.35)	1.89" (48.1)	1.68" (42.6)
FMF8FFUEN - 1	1/2" (12.7)	0.375" (9.53)	2.06" (52.4)	1.80" (45.7)
FMF12FFUEN - 1	3/4" (19.1)	0.625" (15.88)	2.31" (58.8)	2.13" (54.1)
FMF16FFUEN - 1	1" (25.4)	0.875" (22.23)	2.80" (71.2)	2.64" (67.1)

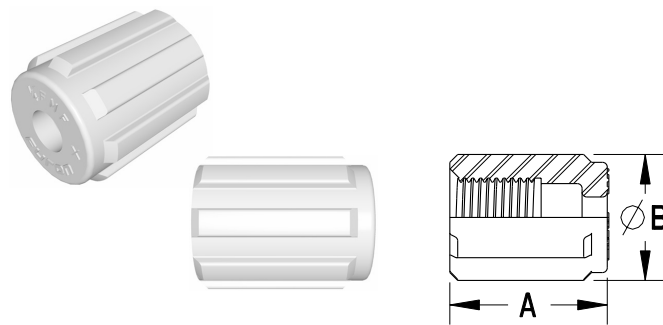
PVDF Nut



Furon® PVDF Nut

Part Number	Tube Size (mm)	A (mm)	ØB (mm)
FMF4N - 1	1/4" (6.4)	1.01" (25.6)	0.81" (20.5)
FMF6N - 1	3/8" (9.5)	1.15" (29.2)	0.93" (23.6)
FMF8N - 1	1/2" (12.7)	1.14" (28.9)	1.05" (26.6)
FMF12N - 1	3/4" (19.1)	1.27" (32.2)	1.35" (34.2)
FMF16N - 1	1" (25.4)	1.52" (38.6)	1.83" (46.4)

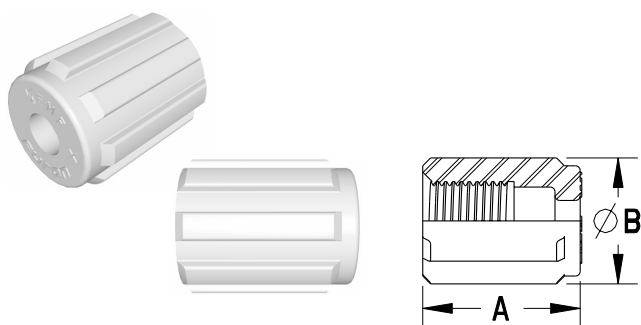
ETFE Nut



Furon® ETFE Nut

Part Number	Tube Size (mm)	A (mm)	ØB (mm)
FMF4N - 2	1/4" (6.4)	1.00" (25.4)	0.80" (20.3)
FMF6N - 2	3/8" (9.5)	1.13" (28.7)	0.91" (23.1)
FMF8N - 2	1/2" (12.7)	1.14" (28.9)	1.03" (26.2)
FMF12N - 2	3/4" (19.1)	1.24" (31.5)	1.33" (33.8)
FMF16N - 2	1" (25.4)	1.50" (38.1)	1.81" (46.0)

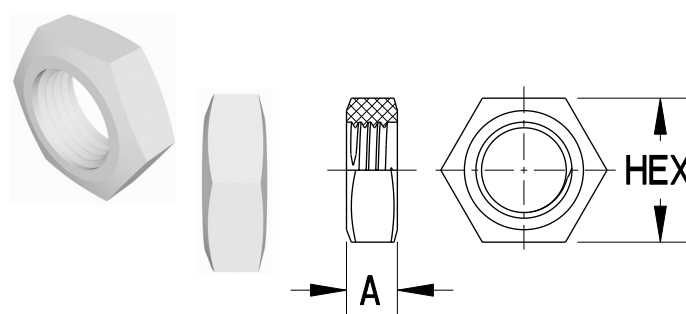
PFA Nut



Furon® PFA Nut

Part Number	Tube Size (mm)	A (mm)	ØB (mm)
FMF4N - 3	1/4" (6.4)	1.00" (25.4)	0.83" (21.1)
FMF6N - 3	3/8" (9.5)	1.13" (28.7)	0.94" (23.9)
FMF8N - 3	1/2" (12.7)	1.14" (28.9)	1.07" (27.2)
FMF12N - 3	3/4" (19.1)	1.24" (31.5)	1.41" (35.8)
FMF16N - 3	1" (25.4)	1.50" (38.1)	1.89" (48.0)

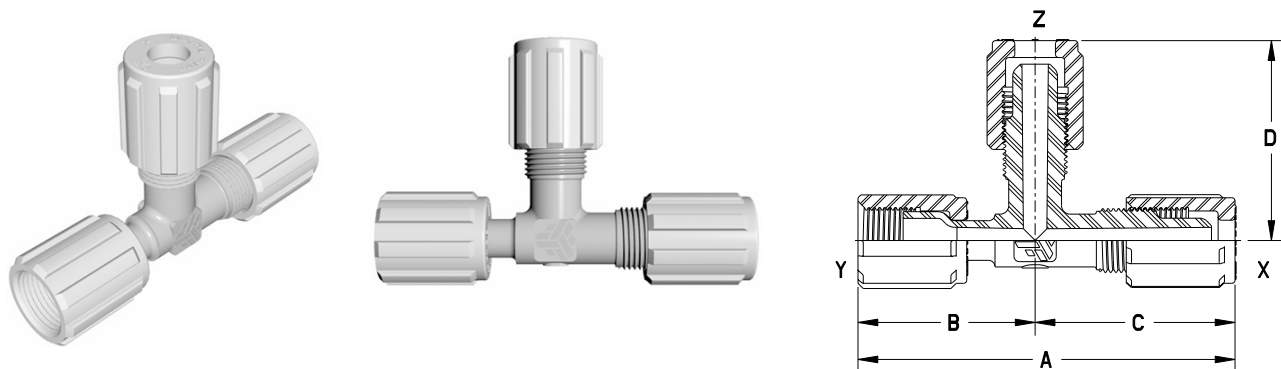
PVDF Panel Nut



Furon® PVDF Panel Nut

Part Number	Tube Size (mm)	A (mm)	HEX (mm)
FMF4PN	1/4" (6.4)	0.75" (19.1)	0.27" (6.7)
FMF6PN	3/8" (9.5)	0.94" (23.9)	0.27" (6.7)
FMF8PN	1/2" (12.7)	1.06" (26.9)	0.27" (6.7)
FMF12PN	3/4" (19.1)	1.31" (33.3)	0.27" (6.7)
FMF16PN	1" (25.4)	1.75" (44.5)	0.27" (6.7)

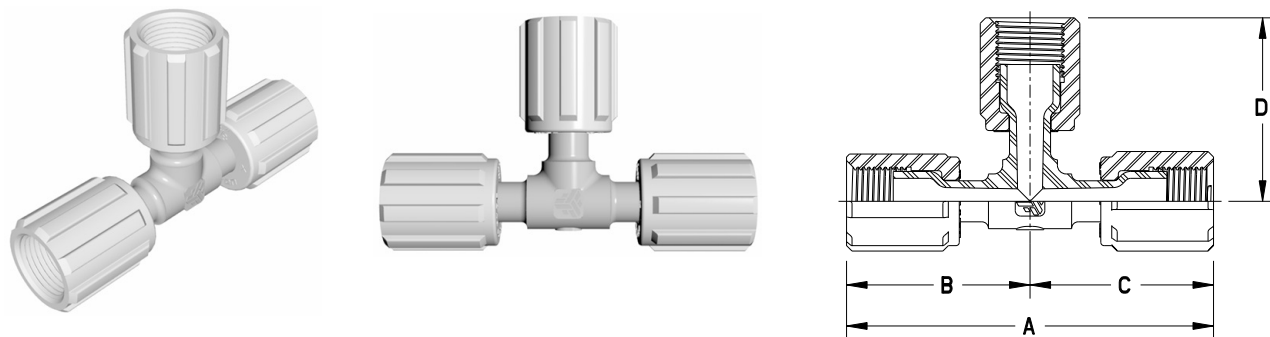
UTFF I - Union Tee Female Flare I



Furon® UTFF I - Union Tee Female Flare I

Part Number	Tube Size			Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
	X	x	Y x Z					
FMF66FF4UTFFN - 1	3/8"	3/8"	1/4"	0.150" (3.81)	3.57" (90.7)	1.68" (42.6)	1.89" (48.1)	1.80" (45.6)
FMF66FF6UTFFN - 1	3/8"	3/8"	3/8"	0.250" (6.35)	3.57" (90.7)	1.68" (42.6)	1.89" (48.1)	1.89" (48.1)
FMF88FF4UTFFN - 1	1/2"	1/2"	1/4"	0.150" (3.81)	3.86" (98.1)	1.80" (45.7)	2.06" (52.4)	1.87" (47.6)
FMF88FF8UTFFN - 1	1/2"	1/2"	1/2"	0.375" (9.53)	3.86" (98.1)	1.80" (45.7)	2.06" (52.4)	2.06" (52.4)
FMF128FF12UTFFN - 1	3/4"	1/2"	3/4"	0.375" (9.53)	4.24" (107.6)	1.92" (48.9)	2.31" (58.8)	2.31" (58.8)
FMF1212FF6UTFFN - 1	3/4"	3/4"	3/8"	0.250" (6.35)	4.44" (112.8)	2.13" (54.1)	2.31" (58.8)	2.17" (55.2)
FMF1212FF12UTFFN - 1	3/4"	3/8"	3/8"	0.625" (15.88)	4.44" (112.8)	2.13" (54.1)	2.31" (58.8)	2.31" (58.8)
FMF1616FF16UTFFN - 1	1"	1"	1"	0.875" (22.23)	5.43" (138.0)	2.63" (66.8)	2.80" (71.2)	2.80" (71.2)

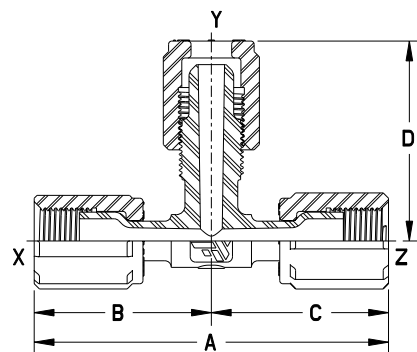
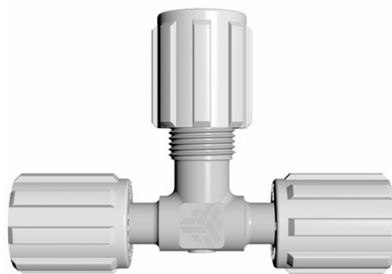
UTFF III - Union Tee Female Flare III



Furon® UTFF III - Union Tee Female Flare III

Part Number	Tube Size	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
FMF6UTFFN - 1	3/8" (9.5)	0.250" (6.35)	3.35" (85.2)	1.68" (42.6)	1.68" (42.6)	1.68" (42.6)
FMF8UTFFN - 1	1/2" (12.7)	0.375" (9.53)	3.60" (91.4)	1.80" (45.7)	1.80" (45.7)	1.80" (45.7)
FMF12UTFF - 1	3/4" (19.1)	0.625" (15.88)	4.26" (108.2)	2.13" (54.1)	2.13" (54.1)	2.13" (54.1)
FMF16UTFF - 1	1" (25.4)	0.875" (22.23)	5.26" (133.6)	2.63" (66.8)	2.63" (66.8)	2.63" (66.8)

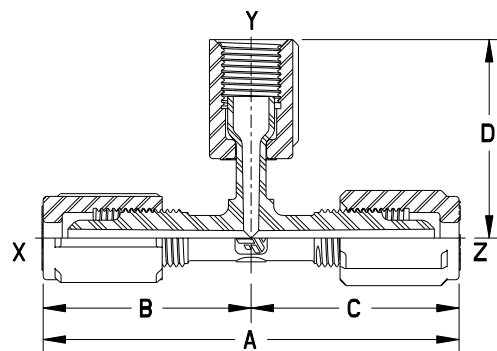
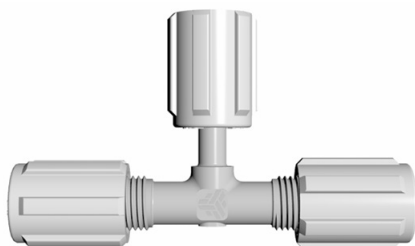
UTRFF I - Union Tee Reducer Female Flare I



Furon® UTRFF I - Union Tee Reducer Female Flare I

Part Number	Tube Size X x Y x Z	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
FMF6FF66FFUTRFFN - 1	3/8" 3/8" 3/8"	0.250" (6.35)	3.36" (85.2)	1.68" (42.6)	1.68" (42.6)	1.89" (48.1)
FMF8FF88FFUTRFFN - 1	1/2" 1/2" 1/2"	0.375" (9.53)	3.60" (91.4)	1.80" (44.7)	1.80" (45.7)	2.06" (52.4)
FMF8FF128FFUTRFFN - 1	1/2" 3/4" 1/2"	0.625" (15.88)	3.60" (91.4)	1.80" (45.7)	1.80" (45.7)	2.31" (58.8)
FMF12FF1212FFUTRFFN - 1	3/4" 3/4" 3/4"	0.625" (15.88)	4.26" (108.2)	2.13" (54.1)	2.13" (54.1)	2.31" (58.8)

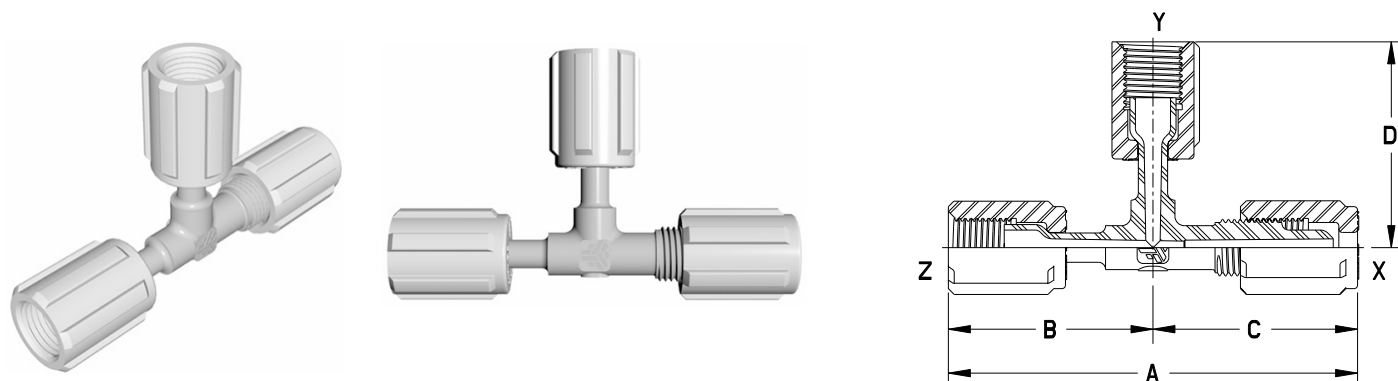
UTRFF II - Union Tee Reducer Female Flare II



Furon® UTRFF II - Union Tee Reducer Female Flare II

Part Number	Tube Size X x Y x Z	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
FMF44FF4UTRFFN - 1	1/4" 1/4" 1/4"	0.150" (3.81)	3.49" (88.7)	1.75" (44.4)	1.75" (44.4)	1.67" (42.3)
FMF64FF6UTRFFN - 1	3/8" 1/4" 3/8"	0.150" (3.81)	3.79" (96.2)	1.89" (48.1)	1.89" (48.1)	1.73" (43.9)
FMF88FF8UTRFFN - 1	1/2" 1/2" 1/2"	0.375" (9.53)	4.13" (104.8)	2.06" (52.4)	2.06" (52.4)	1.80" (45.7)
FMF124FF12UTRFFN - 1	3/4" 1/4" 3/4"	0.150" (3.81)	4.63" (117.5)	2.31" (58.8)	2.31" (58.8)	1.92" (48.7)
FMF128FF12UTRFFN - 1	3/4" 1/2" 3/4"	0.375" (9.53)	4.63" (117.5)	2.31" (58.8)	2.31" (58.8)	1.89" (48.1)
FMF1212FF12UTRFFN - 1	3/4" 3/4" 3/4"	0.625" (15.88)	4.63" (117.5)	2.31" (58.8)	2.31" (58.8)	2.13" (54.2)

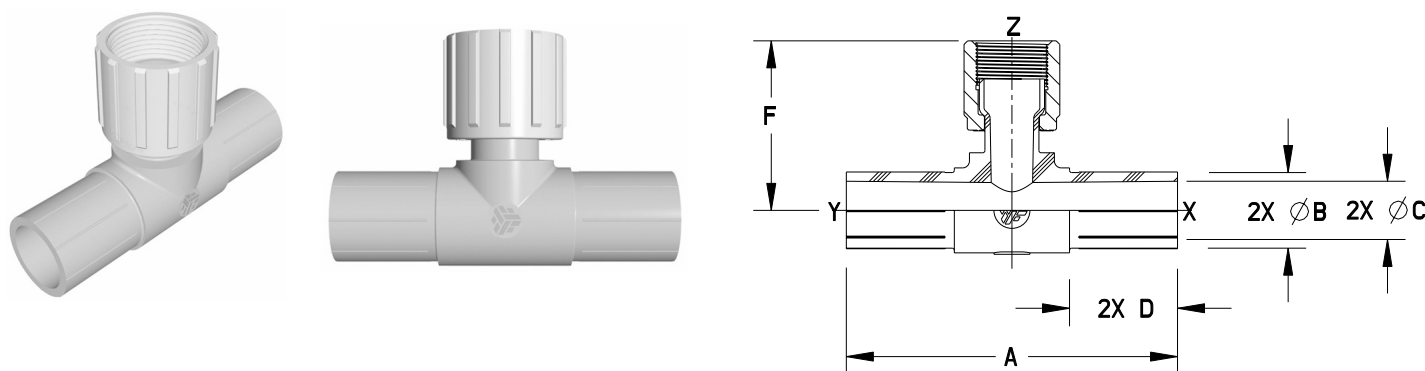
UTRFF III - Union Tee Reducer Female Flare III



Furon® UTRFF III - Union Tee Reducer Female Flare III

Part Number	Tube Size X x Y x Z			Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
FMF44FF4FFUTRFFN - 1	1/4"	1/4"	1/4"	0.150" (3.81)	3.49" (88.7)	1.75" (44.4)	1.75" (44.4)	1.76" (44.6)
FMF88FF8FFUTRFFN - 1	1/2"	1/2"	1/2"	0.375" (9.53)	3.86" (98.1)	1.80" (44.7)	2.06" (52.4)	1.80" (45.7)
FMF128FF12FFUTRFFN - 1	3/4"	1/2"	3/4"	0.375" (9.53)	4.44" (112.7)	2.12" (54.0)	2.31" (58.8)	1.98" (50.3)
FMF812FF12FFUTRFFN - 1	3/4"	3/4"	1/2"	0.625" (15.88)	4.19" (106.4)	2.12" (54.0)	2.06" (52.4)	2.12" (54.0)
FMF1212FF12FFUTRFFN - 1	3/4"	3/4"	3/4"	0.625" (15.88)	4.44" (112.7)	2.12" (54.0)	2.31" (58.8)	2.12" (54.0)

BTFF - Branch Tee Female Flare (FuseBond™)

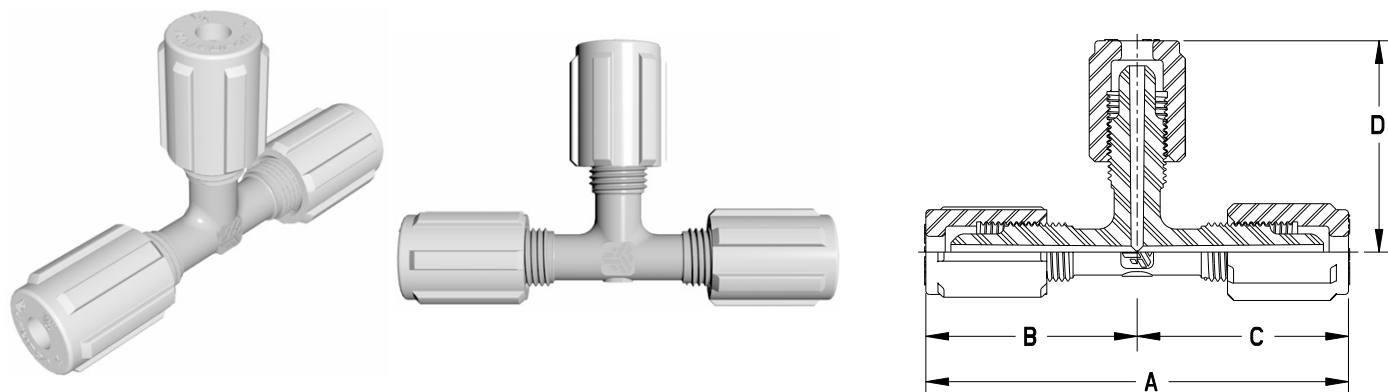


Furon® BTFF - Branch Tee Female Flare (FuseBond™)

Part Number	Pipe x Pipe* x Tube X x Y x Z			Orifice (mm)	A (mm)	ØB (mm)	ØC (mm)	D (mm)	F (mm)
FBBT-888FFN - 1	1/2"	1/2"	1/2"	0.375" (9.53)	4.60" (116.8)	0.840" (21.34)	0.607" (15.42)	1.50" (38.1)	2.16" (55.0)
FBBT-121212FFN - 1	3/4"	3/4"	3/4"	0.625" (15.88)	4.60" (116.8)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)	2.57" (65.3)
FBBT-121216FFN - 1	3/4"	3/4"	1"	0.809" (20.55)	4.92" (125.0)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)	2.76" (70.2)

* Nominal by Schedule 40

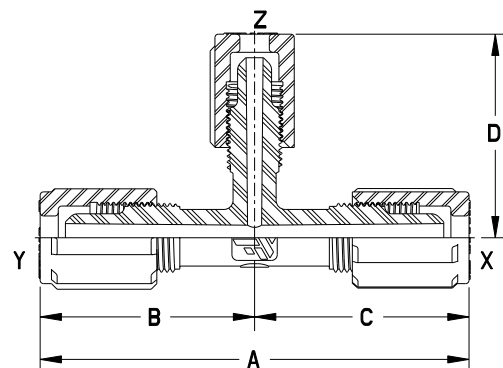
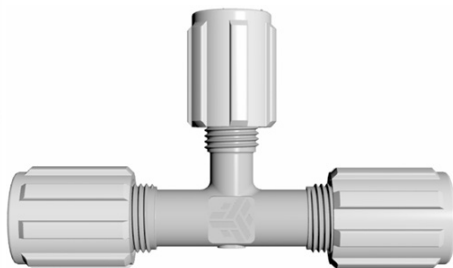
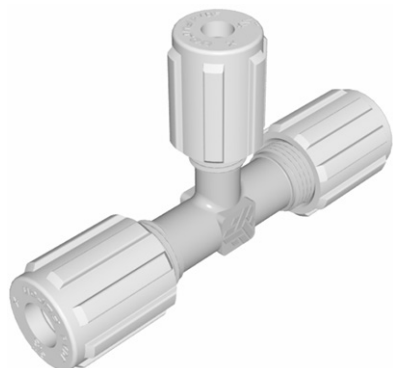
UT - Union Tee



Furon[®] UT - Union Tee

Part Number	Tube Size	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
FMF4UTN - 1	1/4" (6.4)	0.125" (3.18)	3.48" (88.5)	1.74" (44.2)	1.74" (44.2)	1.74" (44.2)
FMF6UTN - 1	3/8" (9.5)	0.250" (6.35)	3.79" (96.2)	1.89" (48.1)	1.89" (48.1)	1.89" (48.1)
FMF8UTN - 1	1/2" (12.7)	0.375" (9.53)	4.13" (104.8)	2.06" (52.4)	2.06" (52.4)	2.06" (52.4)
FMF12UTN - 1	3/4" (19.1)	0.625" (15.88)	4.63" (117.5)	2.31" (58.8)	2.31" (58.8)	2.31" (58.8)
FMF16UTN - 1	1" (25.4)	0.875" (22.23)	5.61" (142.4)	2.80" (71.2)	2.80" (71.2)	2.80" (71.2)

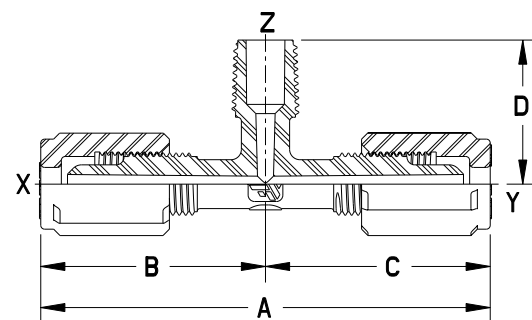
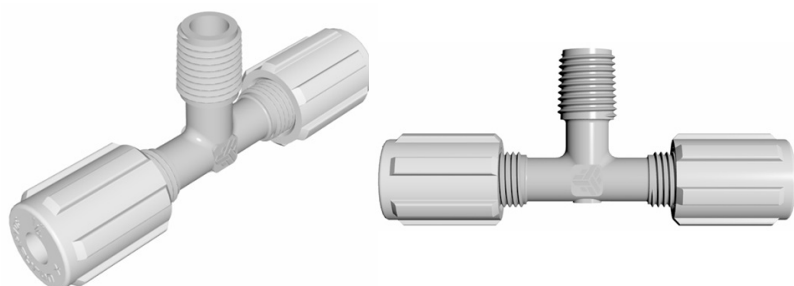
UTR - Union Tee Reducer



Furon® UTR - Union Tee Reducer

Part Number	Tube Size X x Y x Z	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
FMF664UTRN - 1	3/8" 3/8" 1/4"	0.150" (3.81)	3.79" (96.2)	1.89" (48.1)	1.89" (48.1)	1.80" (45.6)
FMF668UTRN - 1	3/8" 3/8" 1/2"	0.250" (6.35)	4.05" (102.8)	2.02" (51.4)	2.02" (51.4)	2.06" (52.4)
FMF6612UTRN - 1	3/8" 3/8" 3/4"	0.375" (9.53)	4.53" (115.0)	2.26" (57.5)	2.26" (57.5)	2.31" (58.8)
FMF884UTRN - 1	1/2" 1/2" 1/4"	0.150" (3.81)	4.13" (104.8)	2.06" (52.4)	2.06" (52.4)	1.86" (47.2)
FMF886UTRN - 1	1/2" 1/2" 3/8"	0.250" (6.35)	4.13" (104.8)	2.06" (52.4)	2.06" (52.4)	1.95" (49.6)
FMF12124UTRN - 1	3/4" 3/4" 1/4"	0.150" (3.81)	4.63" (117.5)	2.31" (58.8)	2.31" (58.8)	2.01" (51.0)
FMF16168UTRN - 1	1" 1" 1/2"	0.375" (9.53)	5.61" (142.4)	2.80" (71.2)	2.80" (71.2)	2.45" (62.3)
FMF161612UTRN - 1	1" 1" 3/4"	0.875" (22.23)	5.43" (138.0)	2.63" (66.8)	2.80" (71.2)	2.80" (71.2)
FMF646UTRN - 1	3/8" 1/4" 3/8"	0.150" (3.81)	3.74" (95.0)	1.85" (46.9)	1.89" (48.1)	1.89" (48.1)
FMF848UTRN - 1	1/2" 1/4" 1/2"	0.150" (3.81)	3.91" (99.3)	1.85" (46.9)	2.06" (52.4)	2.06" (52.4)
FMF12812UTRN - 1	3/4" 1/2" 3/4"	0.375" (9.53)	4.52" (114.7)	2.20" (56.0)	2.31" (58.8)	2.31" (58.8)
FMF1248UTRN - 1	3/4" 1/4" 1/2"	0.150" (3.81)	4.07" (103.4)	1.76" (44.6)	2.31" (58.8)	1.96" (49.9)
FMF844UTRN - 1	1/2" 1/4" 1/4"	0.150" (3.81)	3.81" (96.8)	2.06" (52.4)	1.75" (44.4)	1.75" (44.4)
FMF866UTRN - 1	1/2" 3/8" 3/8"	0.250" (6.35)	3.96" (100.5)	2.06" (52.4)	1.89" (48.1)	1.89" (48.1)
FMF1288UTRN - 1	3/4" 1/2" 1/2"	0.375" (9.53)	4.38" (111.2)	2.31" (58.8)	2.06" (52.4)	2.06" (52.4)

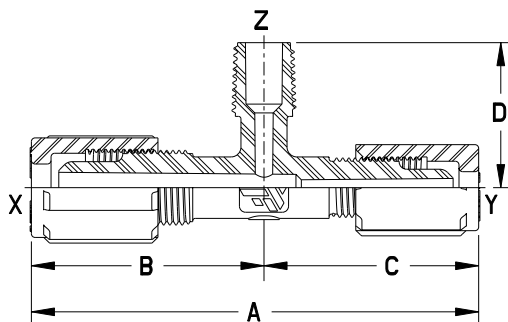
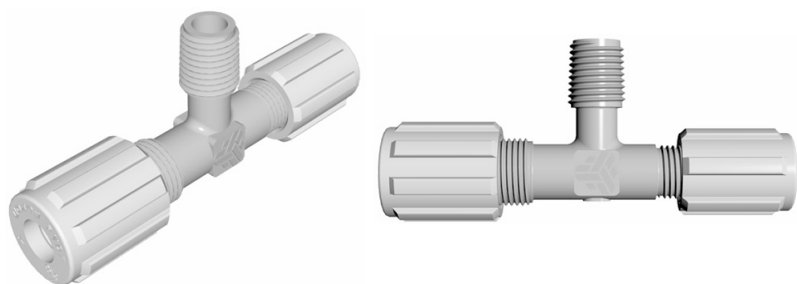
MBT - Male Branch Tee



Furon® MBT - Male Branch Tee

Part Number	Tube Size (NPT) X x Y x Z			Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
FMF442MBTN - 1	1/4"	1/4"	1/8"	0.150" (3.81)	3.49" (88.7)	1.75" (44.4)	1.75" (44.4)	0.92" (23.4)
FMF444MBTN - 1	1/4"	1/4"	1/4"	0.150" (3.81)	3.49" (88.7)	1.75" (44.4)	1.75" (44.4)	1.12" (28.4)
FMF662MBTN - 1	3/8"	3/8"	1/8"	0.188" (4.78)	3.79" (96.2)	1.89" (48.1)	1.89" (48.1)	0.97" (24.6)
FMF664MBTN - 1	3/8"	3/8"	1/4"	0.225" (5.72)	3.79" (96.2)	1.89" (48.1)	1.89" (48.1)	1.18" (30.0)
FMF666MBTN - 1	3/8"	3/8"	3/8"	0.225" (5.72)	3.79" (96.2)	1.89" (48.1)	1.89" (48.1)	1.18" (30.0)
FMF884MBTN - 1	1/2"	1/2"	1/4"	0.250" (6.35)	4.13" (104.8)	2.06" (52.4)	2.06" (52.4)	1.24" (31.5)
FMF886MBTN - 1	1/2"	1/2"	3/8"	0.350" (8.89)	4.13" (104.8)	2.06" (52.4)	2.06" (52.4)	1.24" (31.5)
FMF888MBTN - 1	1/2"	1/2"	1/2"	0.375" (9.53)	4.13" (104.8)	2.06" (52.4)	2.06" (52.4)	1.42" (36.1)
FMF12124MBTN - 1	3/4"	3/4"	1/4"	0.150" (3.81)	4.63" (117.5)	2.31" (58.8)	2.31" (58.8)	1.39" (35.3)
FMF12128MBTN - 1	3/4"	3/4"	1/2"	0.438" (11.13)	4.63" (117.5)	2.31" (58.8)	2.31" (58.8)	1.57" (39.9)
FMF121212MBTN - 1	3/4"	3/4"	3/4"	0.600" (15.24)	4.63" (117.5)	2.31" (58.8)	2.31" (58.8)	1.57" (39.9)
FMF16164MBTN - 1	1"	1"	1/4"	0.150" (3.81)	5.61" (142.4)	2.80" (71.2)	2.80" (71.2)	1.63" (41.4)
FMF161616MBTN - 1	1"	1"	1"	0.850" (21.59)	5.61" (142.4)	2.80" (71.2)	2.80" (71.2)	2.02" (51.3)

MBTR - Male Branch Tee Reducer

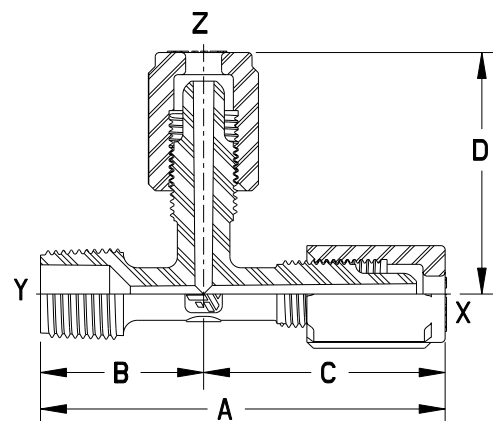
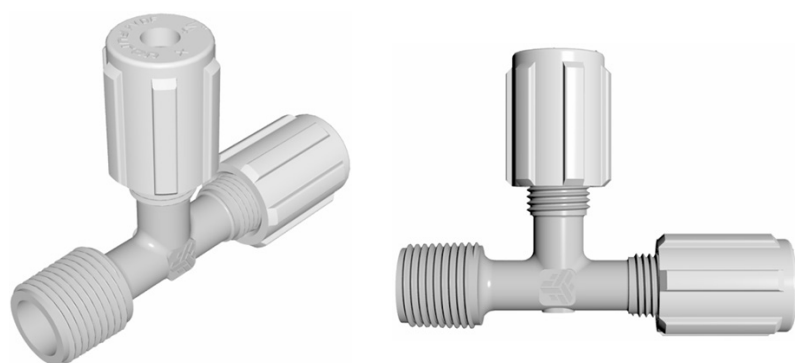


Furon® MBTR - Male Branch Tee Reducer

Part Number	Pipe x Pipe* x Tube (NPT) X x Y x Z			Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
FMF644MBTRN - 1	3/8"	1/4"	1/4"	0.150" (3.81)	3.64" (92.5)	1.89" (48.1)	1.75" (44.4)	1.18" (30.0)
FMF646MBTRN - 1	3/8"	1/4"	3/8"	0.150" (3.81)	3.64" (92.5)	1.89" (48.1)	1.75" (44.4)	1.18" (30.0)
FMF866MBTRN - 1	1/2"	3/8"	3/8"	0.250" (6.35)	3.96" (100.5)	2.06" (52.4)	1.89" (48.1)	1.18" (30.0)
FMF848MBTRN - 1	1/2"	1/4"	1/2"	0.150" (3.81)	3.81" (96.8)	2.06" (52.4)	1.75" (44.4)	1.42" (36.1)
FMF868MBTRN - 1	1/2"	3/8"	1/2"	0.250" (6.35)	3.96" (100.5)	2.06" (52.4)	1.89" (48.1)	1.42" (36.1)

* Nominal by Schedule 40

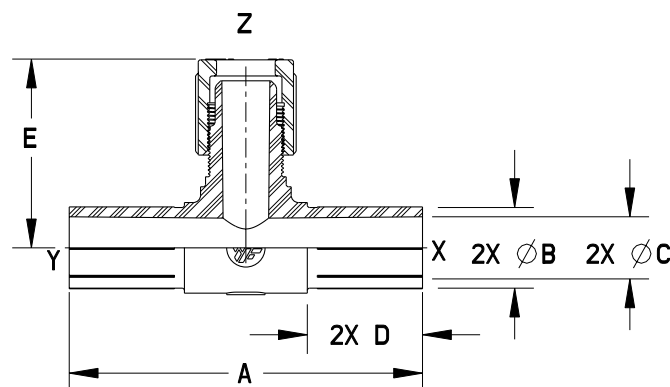
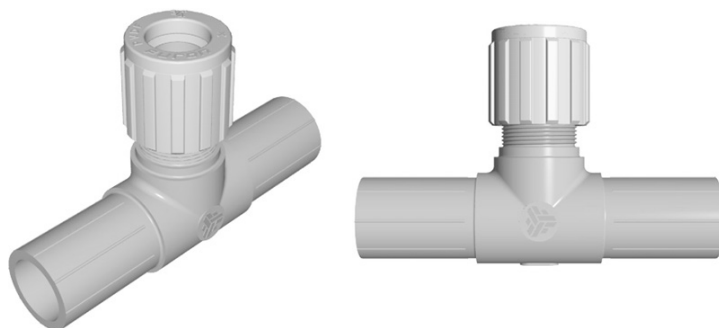
MRT - Male Run Tee



Furon® MRT - Male Run Tee

Part Number	Tube x Male x Tube (NPT)			Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
	X	Y	Z					
FMF424MRTN - 1	1/4"	1/8"	1/4"	0.150" (3.81)	2.67" (67.7)	0.92" (23.4)	1.75" (44.4)	1.75" (44.4)
FMF444MRTN - 1	1/4"	1/4"	1/4"	0.150" (3.81)	2.87" (72.8)	1.12" (28.4)	1.75" (44.4)	1.75" (44.4)
FMF464MRTN - 1	1/4"	3/8"	1/4"	0.150" (3.81)	2.93" (74.3)	1.18" (30.0)	1.75" (44.4)	1.75" (44.4)
FMF626MRTN - 1	3/8"	1/8"	3/8"	0.250" (6.35)	2.81" (71.5)	0.92" (23.4)	1.89" (48.1)	1.89" (48.1)
FMF646MRTN - 1	3/8"	1/4"	3/8"	0.250" (6.35)	3.01" (76.5)	1.12" (28.4)	1.89" (48.1)	1.89" (48.1)
FMF666MRTN - 1	3/8"	3/8"	3/8"	0.250" (6.35)	3.07" (78.1)	1.18" (30.0)	1.89" (48.1)	1.89" (48.1)
FMF686MRTN - 1	3/8"	1/2"	3/8"	0.250" (6.35)	3.31" (84.2)	1.42" (36.1)	1.89" (48.1)	1.89" (48.1)
FMF868MRTN - 1	1/2"	3/8"	1/2"	0.375" (9.53)	3.24" (82.4)	1.18" (30.0)	2.06" (52.4)	2.06" (52.4)
FMF888MRTN - 1	1/2"	1/2"	1/2"	0.375" (9.53)	3.48" (88.5)	1.42" (36.1)	2.06" (52.4)	2.06" (52.4)
FMF12812MRTN - 1	3/4"	1/2"	3/4"	0.625" (15.88)	3.73" (94.8)	1.42" (36.1)	2.31" (58.8)	2.31" (58.8)
FMF121212MRTN - 1	3/4"	3/4"	3/4"	0.625" (15.88)	3.88" (98.6)	1.57" (39.9)	2.31" (58.8)	2.31" (58.8)

BT - Branch Tee



Furon® BT - Branch Tee

Part Number	Pipe x Pipe* x Tube			Orifice (mm)	A (mm)	ØB (mm)	ØC (mm)	D (mm)	E (mm)
	X	Y	Z						
FBBT-888FN - 1	1/2"	1/2"	1/2"	0.375" (9.53)	4.60" (116.8)	0.840" (21.34)	0.607" (15.42)	1.50" (38.1)	2.22" (56.5)
FBBT-121212FN - 1	3/4"	3/4"	3/4"	0.625" (15.88)	4.60" (116.8)	1.050" (26.67)	0.809" (20.55)	1.50" (38.1)	2.32" (59.0)

* Nominal by Schedule 40



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