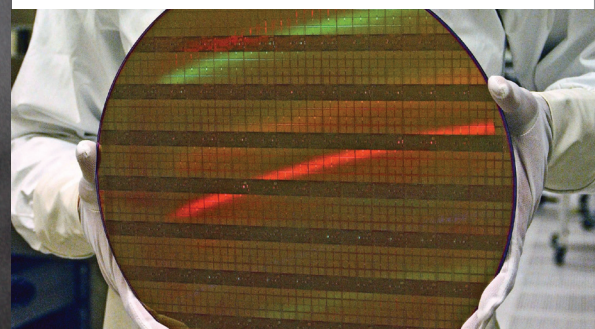




FURON®
Pure Performance



Furon® FlareGrip® II

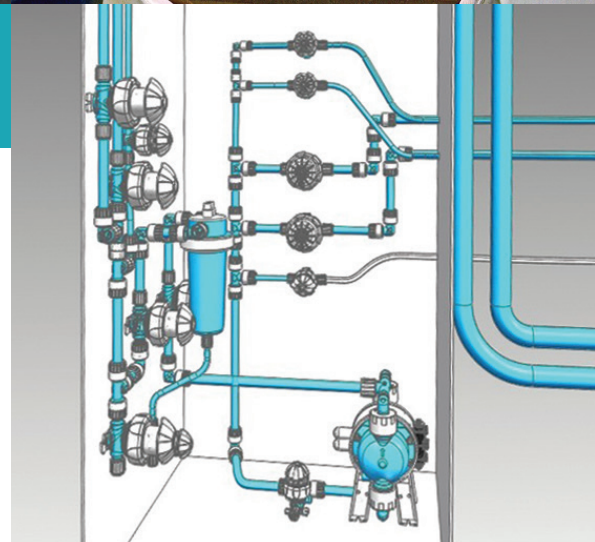
Industry Standard Fine Flare Thread

Description

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 fitting 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.



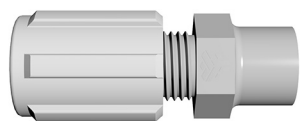
Features and Benefits

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

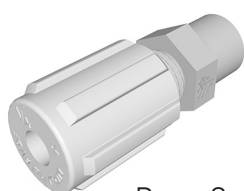
ASK AN ENGINEER


SAINT-GOBAIN

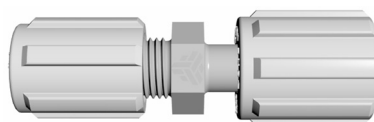
Straight Flare Grip® II Fitting Line



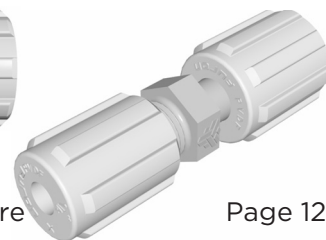
UAF
Union Adapter Female



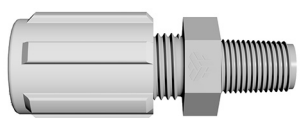
Page 8



UAFF
Union Adapter Female Flare



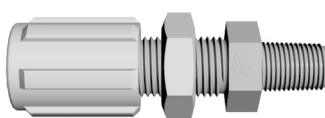
Page 12



UAM
Union Adapter Male



Page 9



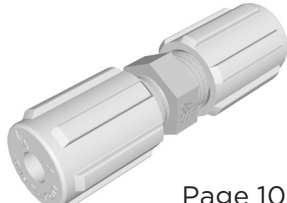
UAMP
Union Adapter Male Panel



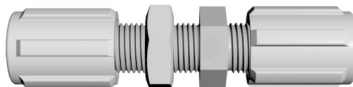
Page 13



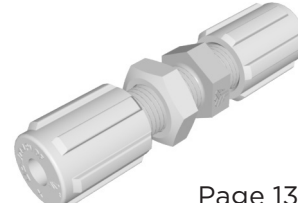
SU
Straight Union



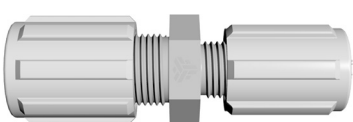
Page 10



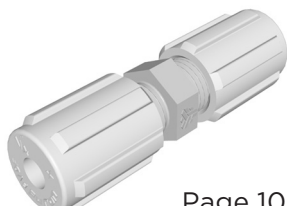
SUP
Straight Union Panel



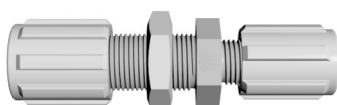
Page 13



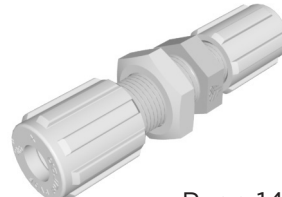
SUR
Straight Union Reducer



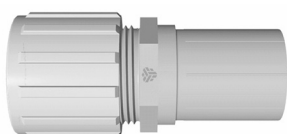
Page 10



SUPR
Straight Union Panel Reducer



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UA
Union Adapter (FuseBond™)



Page 11



UAFF (FuseBond™)
Union Adapter Female Flare (FuseBond) Page 15



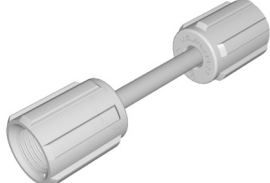
NOTES

All fittings are class 100 clean room assembled and double bagged.

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

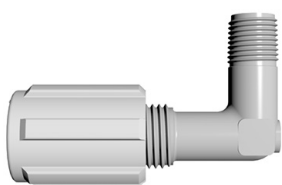


STU
Straight Tube Union



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Elbow and Nut Flare Grip® II Fitting Line



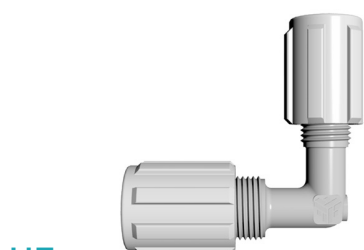
EAM
Elbow Adapter Male

Page 16



ETAFF
Elbow Tube Adapter Female Flare

Page 19



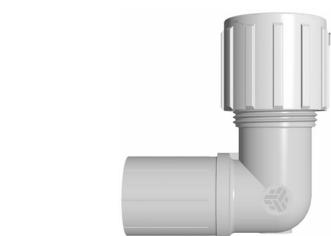
UE
Union Elbow

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UEFF
Union Elbow Female Flare

Page 19



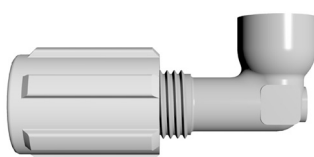
ETA
Elbow Tube Adapter

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**PVDF
ETFE
PFA**
Nut

Page 20



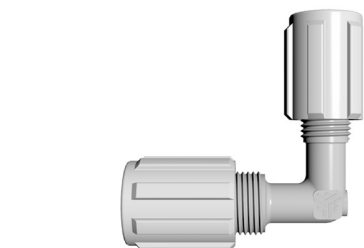
EAF
Elbow Adapter Female

Page 18



PVDF
Panel Nut

Page 20

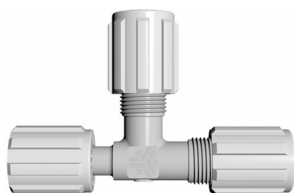


UER
Union Elbow Reducer

Page 18



Tee Flare Grip® II Fitting Line



UTF 1

Union Tee Female Flare 1



Page 21



UTF 111

Union Tee Female Flare 111



Page 21

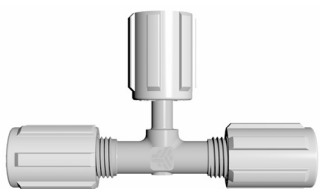


UTRFF 1

Union Tee Reducer Female Flare 1



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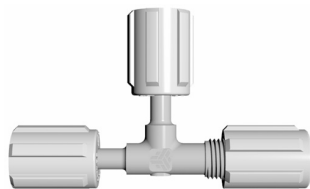


UTRFF 11

Union Tee Reducer Female Flare 11



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UTRFF 111

Union Tee Reducer Female Flare 111



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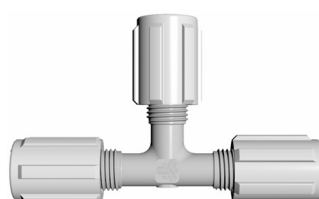


BTFF

Branch Tee Female Flare (Fuse-Bond)

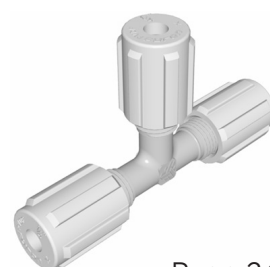


Page 23

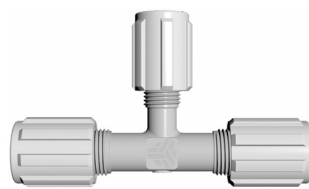


UT

Union Tee

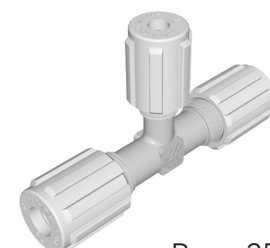


Page 24

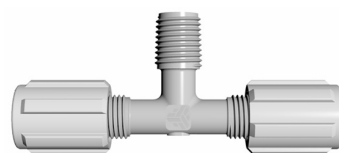


UTR

Union Tee Reducer

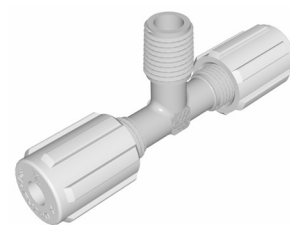


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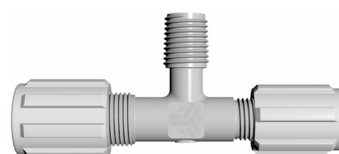


MBT

Male Branch Tee

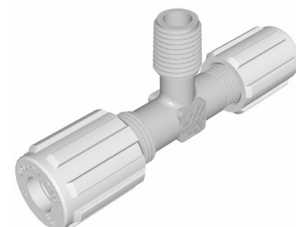


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MBTR

Male Branch Tee Reducer



Page 26



MRT

Male Run Tee



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BT

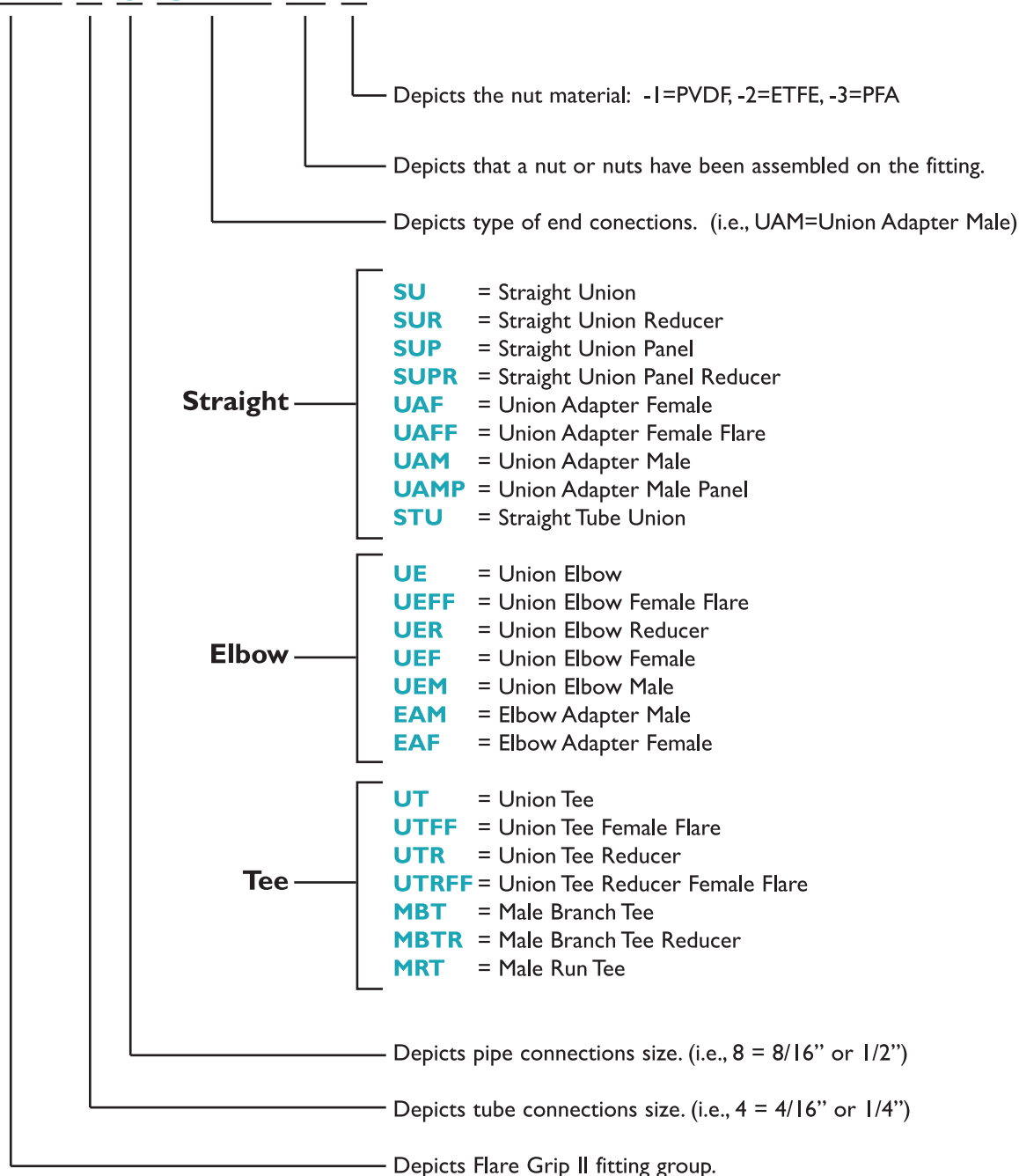
Branch T



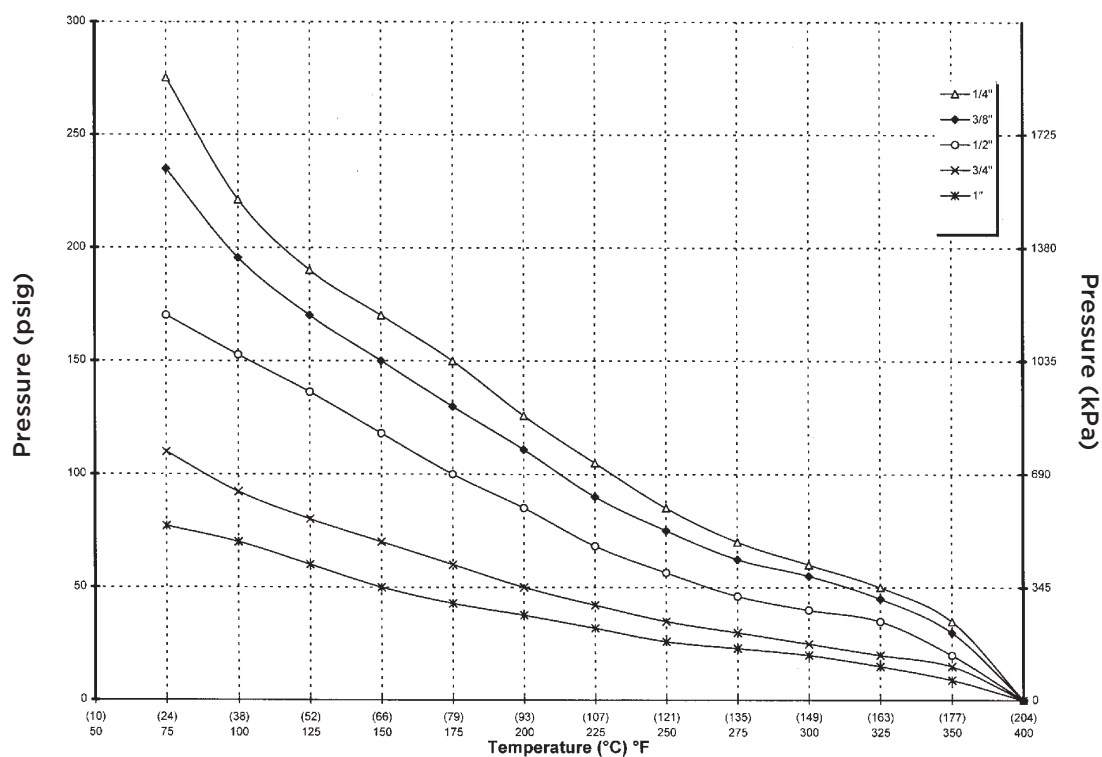
Page 27

Normenclature

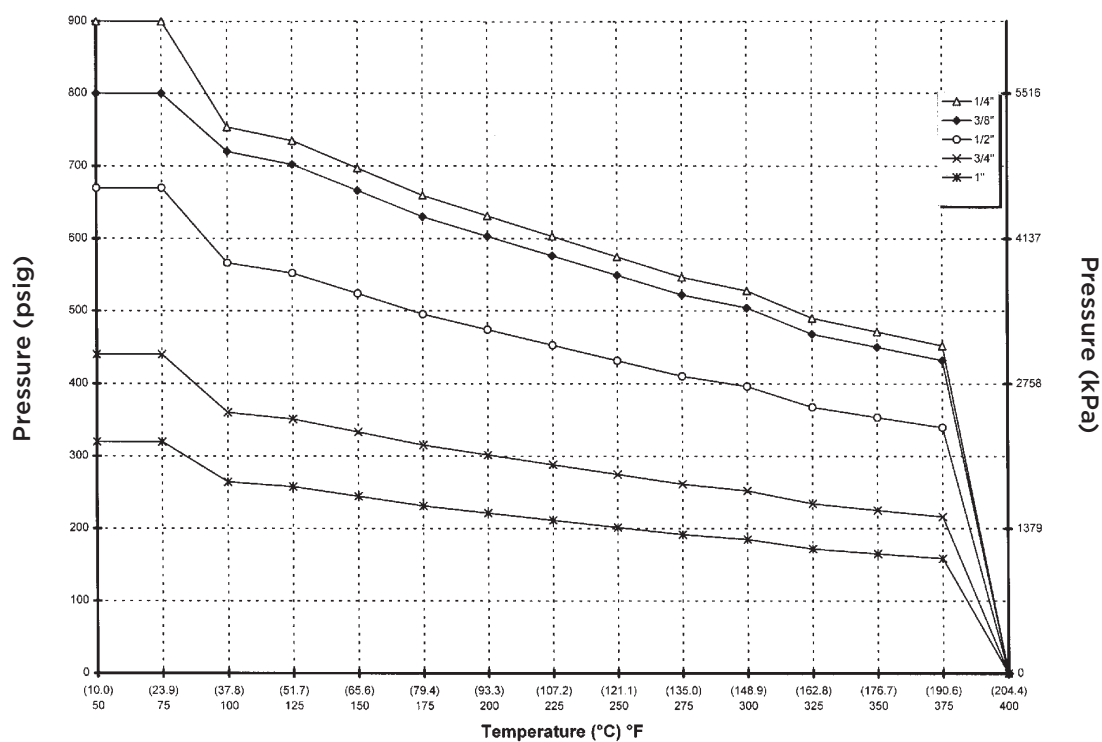
FMF 4 8 UAM N-I



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

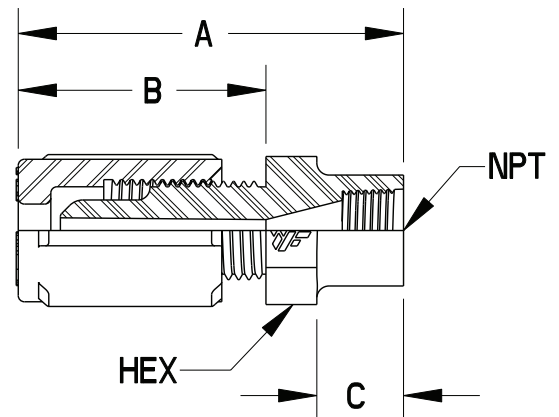
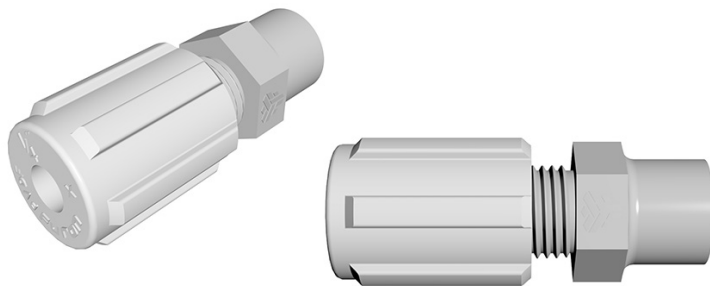
Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	(24)	900	(6206)	800	(5516)	670	(4620)	440	(3034)	320	(2206)
200	(93)	631	(4353)	603	(4159)	474	(3270)	302	(2082)	221	(1527)
250	(121)	575	(3963)	549	(3787)	432	(2977)	275	(1895)	202	(1390)
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

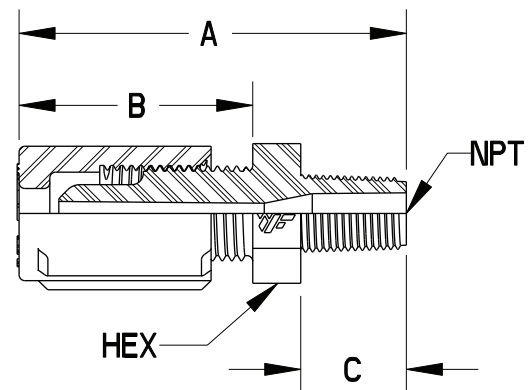
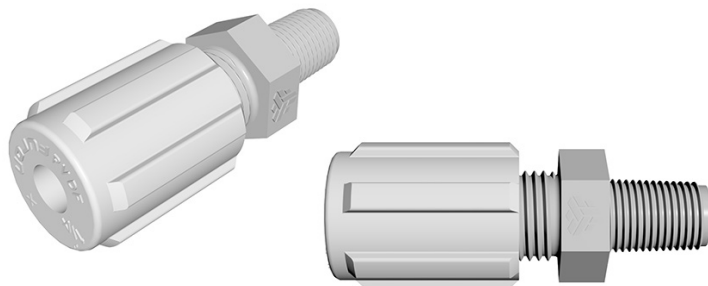
UAF Union Adapter Female



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)

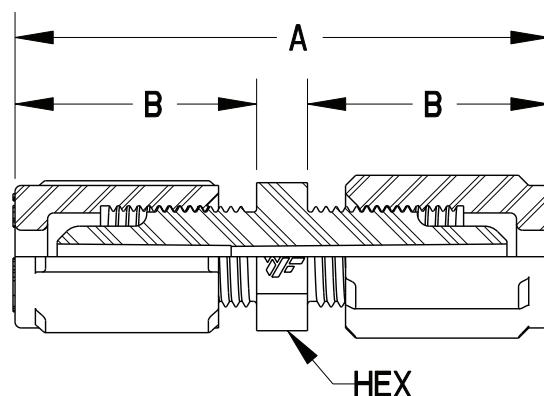
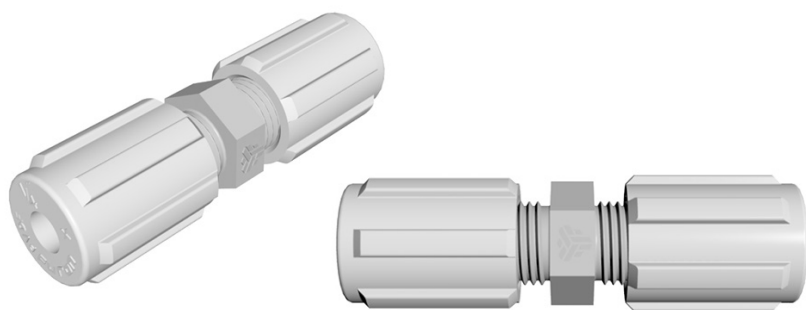
UAM Union Adapter Male



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)

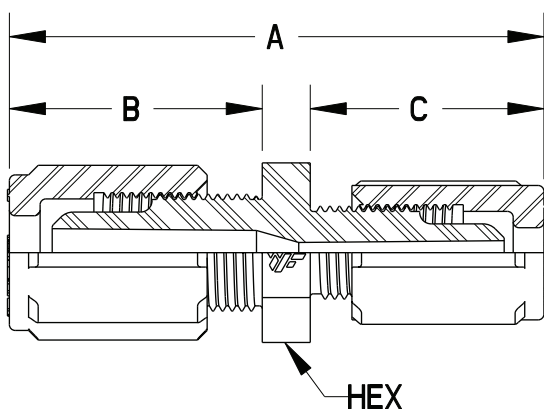
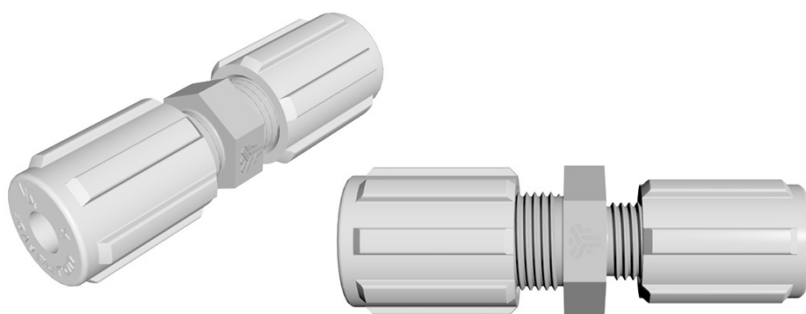
SU Straight Union



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)

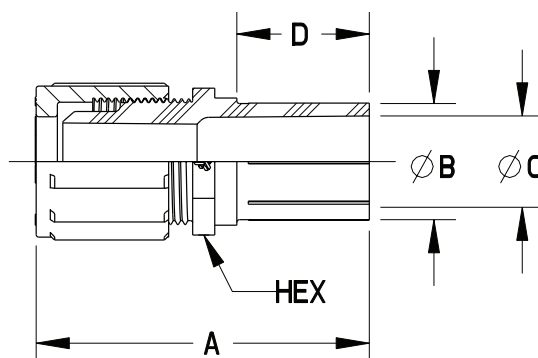
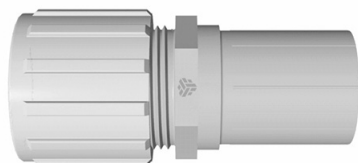
SUR Straight Union Reducer



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)

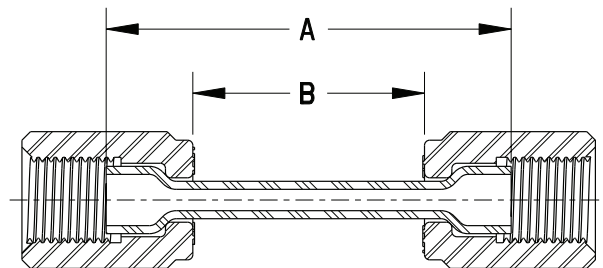
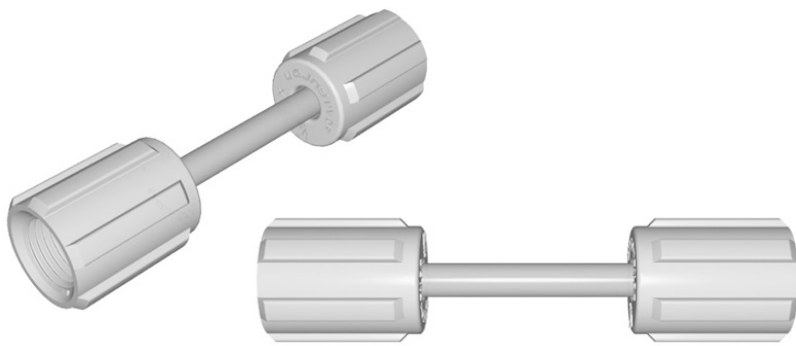
UA Union Adapter (FuseBond™)



Furon® UA Union Adapter (FuseBond™)

Part Number	Tube Size (mm)	Pipe Size (mm)	Orifice (mm)	A (mm)	ØB (mm)	ØC (mm)	D (mm)	HEX (mm)
FBUA-4F4N - 1	1/4" (6.4)	1/4" (6.4)	0.125" (3.18)	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" (12.7)	0.125" (3.18)	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" (19.1)	0.125" (3.18)	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" (6.4)	0.250" (6.35)	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" (12.7)	0.250" (6.35)	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" (19.1)	0.250" (6.35)	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" (12.7)	0.375" (9.53)	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" (19.1)	0.375" (9.53)	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" (25.4)	0.375" (9.53)	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" (12.7)	0.625" (15.88)	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" (19.1)	0.625" (15.88)	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" (25.4)	0.625" (15.88)	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" (12.7)	0.875" (22.23)	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" (19.1)	0.875" (22.23)	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" (25.4)	0.875" (22.23)	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" (38.1)	0.875" (22.23)	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" (50.8)	0.875" (22.23)	3.77" (95.8)	2.375" (60.33)	2.052" (52.12)	1.50" (38.1)	2.50" (63.5)

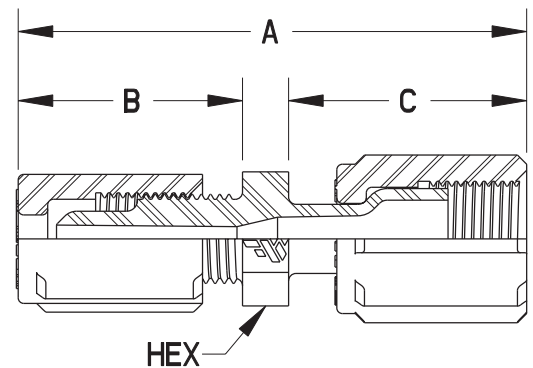
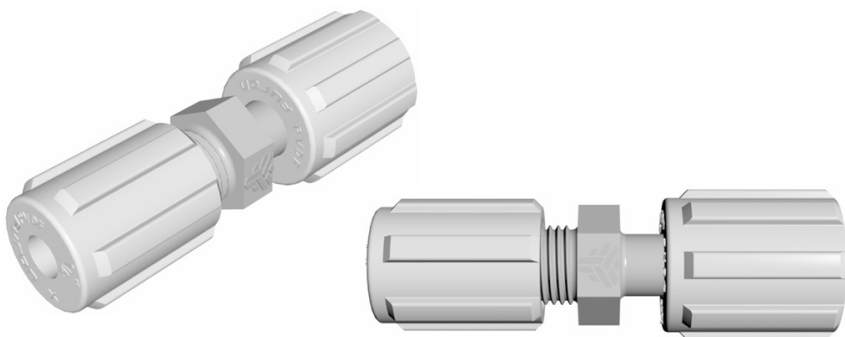
STU Straight Tube Union



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)

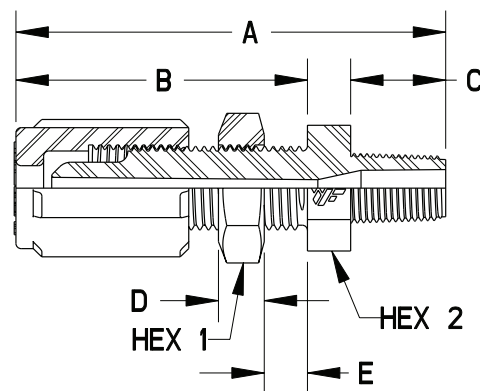
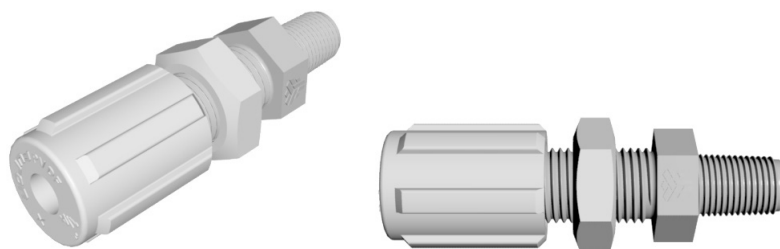
UAFF Union Adapter Female Flare



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)

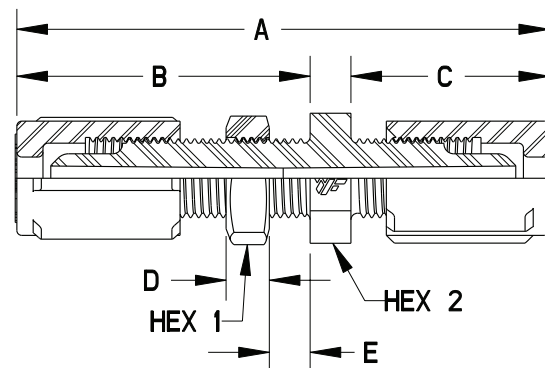
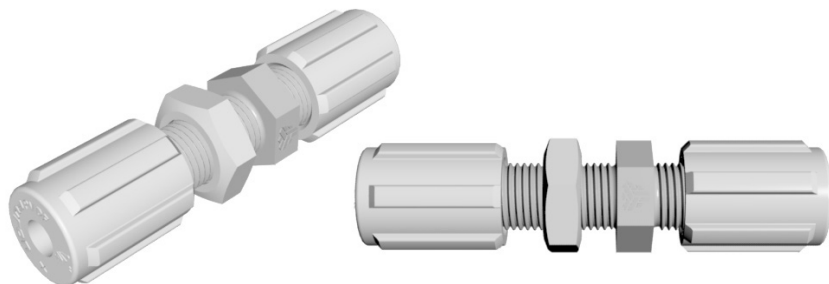
UAMP Union Adapter Male Panel



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)

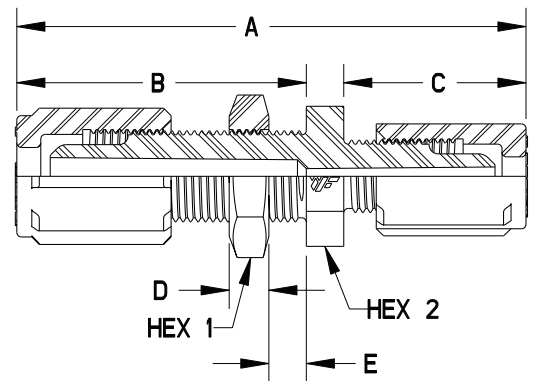
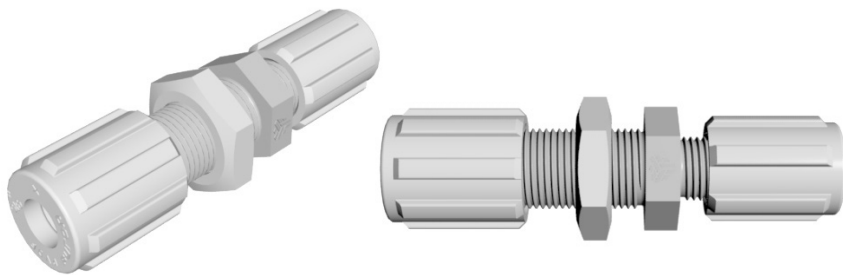
SUP Straight Union Panel



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" (25.5)	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)

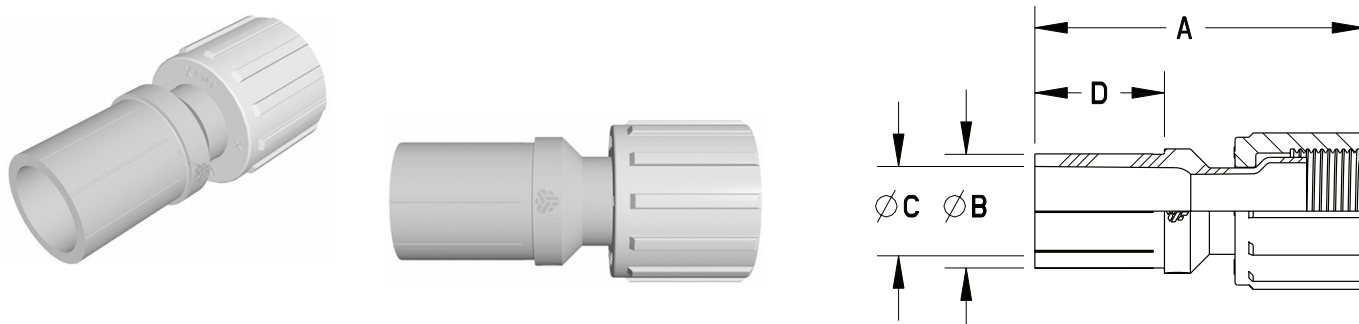
SUPR Straight Union Panel Reducer



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)

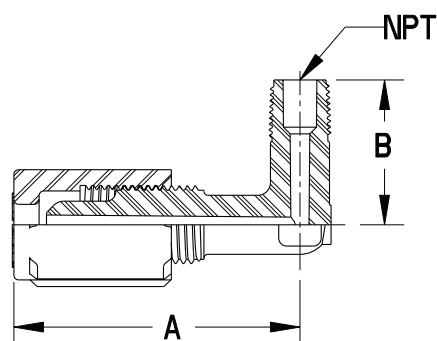
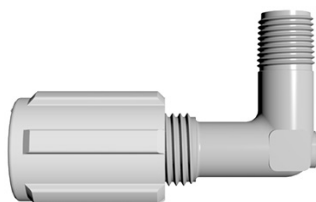
UAFF Union Adapter Female Flare (FuseBond™)



Furon UAFF Union Adapter Female Flare (FuseBond™)

Part Number	Tube Size FF (mm)	Pipe Size	Orifice (mm)	A (mm)	ØB (mm)	ØC (mm)	D (mm)
FBUA - 4FF4N - 1	1/4" (6.4)	1/4"	0.125" (3.18)	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"	0.375" (9.53)	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"	0.375" (9.53)	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"	0.375" (9.53)	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"	0.375" (9.53)	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"	0.625" (15.88)	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"	0.546" (13.87)	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"	0.625" (15.88)	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"	0.625" (15.88)	2.55" (64.7)	1.050" (26.67)	0.809" (20.55)	0.50" (12.7)
FBUA - 12FF16N - 1	3/4" (19.1)	1"	0.625" (15.88)	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"	0.625" (15.88)	2.68" (68.0)	1.315" (33.40)	1.034" (26.26)	0.50" (12.7)
FBUA - 16FF12N - 1	1" (25.4)	3/4"	0.625" (15.88)	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"	0.625" (15.88)	2.69" (68.2)	1.050" (26.67)	0.809" (20.55)	0.50" (12.7)
FBUA - 16FF16N - 1	1" (25.4)	1"	0.875" (22.23)	3.82" (97.0)	1.315" (33.40)	1.034" (26.26)	1.50" (38.1)
FBUA - 16FF16/CN - 1	1" (25.4)	1"	0.875" (22.23)	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"	0.875" (22.23)	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"	0.875" (22.23)	3.11" (79.0)	1.900" (48.26)	1.610" (40.89)	0.50" (12.7)
FBUA - 16FF32N - 1	1" (25.4)	2"	0.875" (22.23)	4.35" (110.4)	2.375" (60.33)	2.052" (52.12)	1.50" (38.1)
FBUA - 16FF32/CN - 1	1" (25.4)	2"	0.875" (22.23)	3.35" (85.0)	2.375" (60.33)	2.052" (52.12)	0.50" (12.7)

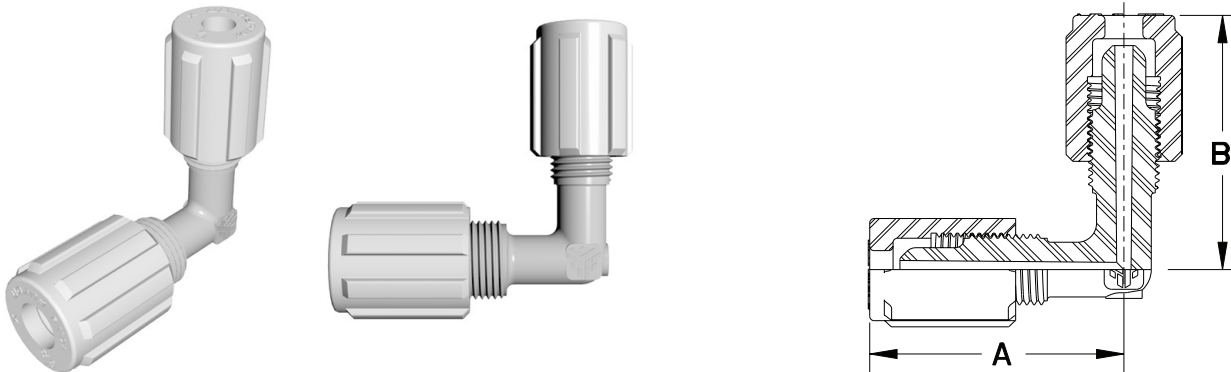
EAM Elbow Adapter Male



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)

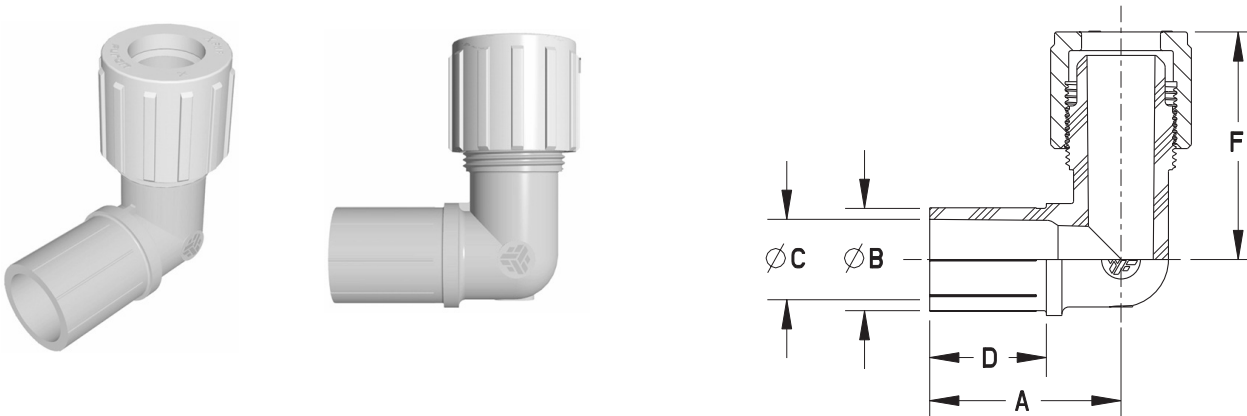
UE Union Elbow



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)

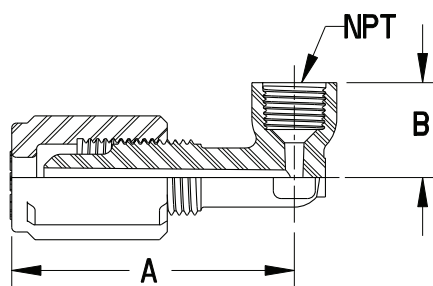
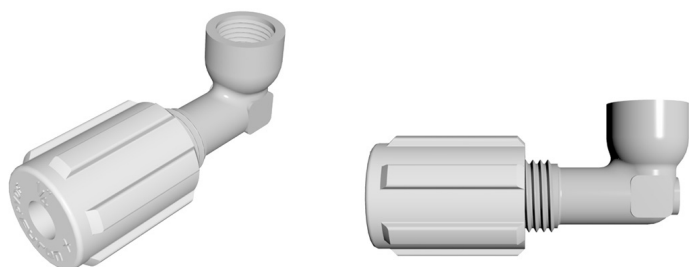
ETA Elbow Tube Adapter



Furon® ETA Elbow Tube Adapter

Part Number	Tube Size (mm)	Pipe Size (mm)	Orifice (mm)	A (mm)	ØB (mm)	ØC (mm)	D (mm)	F (mm)
FBETA - 4F4N - 1	1/4" (6.4)	1/4" (6.4)	0.125" (3.18)	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" (12.7)	0.375" (9.53)	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" (19.1)	0.375" (9.53)	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" (19.1)	0.625" (15.88)	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" (25.4)	0.625" (15.88)	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" (25.4)	0.875" (22.23)	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" (38.1)	0.875" (22.23)	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" (50.8)	0.875" (22.23)	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" (12.7)	0.607" (15.42)	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" (19.1)	0.809" (20.55)	2.35" (59.7)	1.050" (26.670)	0.809" (20.55)	1.50" (38.1)	2.90" (73.7)

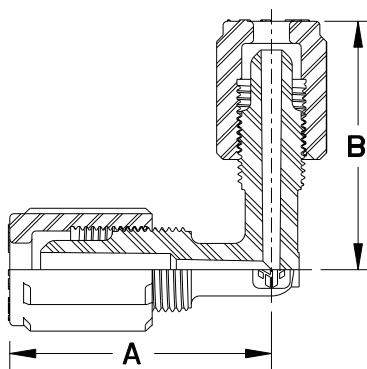
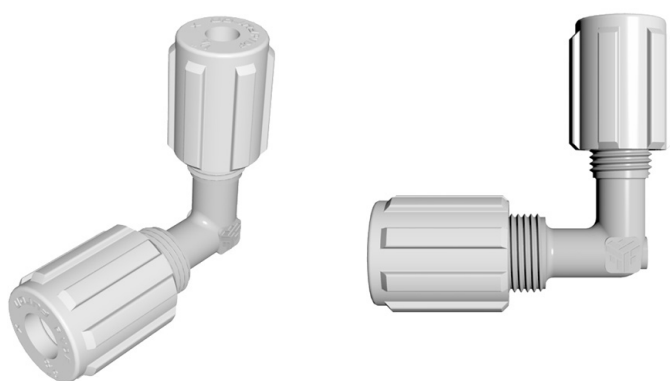
EAF Elbow Adapter Female



Furon® UE Union Elbow

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)

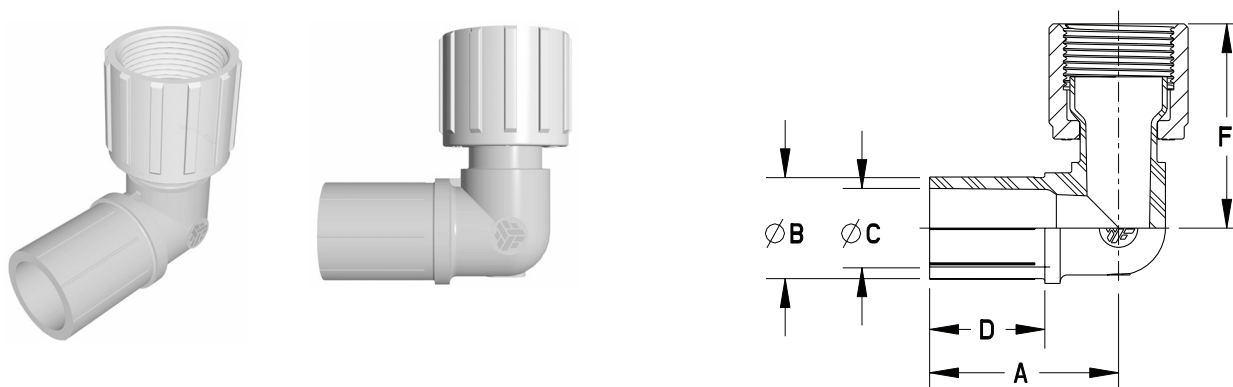
UER Union Elbow Reducer



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)

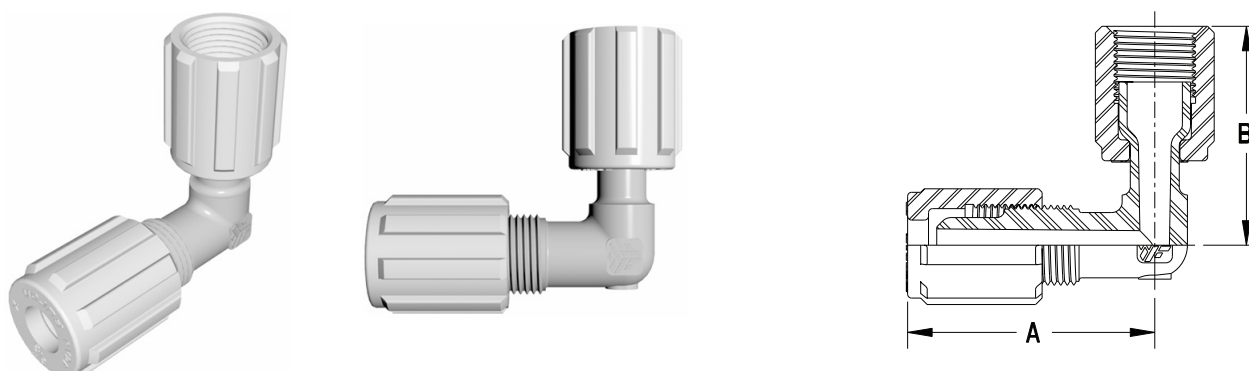
ETAFF Elbow Tube Adapter Female Flare



Furon® ETAFF Elbow Tube Adapter Female Flare

Part Number	Tube Size FF (mm)	Pipe Size (mm)	Orifice (mm)	A (mm)	ØB (mm)	ØC (mm)	D (mm)	F (mm)
FBETA - 4FF4N - 1	1/4" (6.4)	1/4" (6.4)	0.125" (3.18)	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" (12.7)	0.375" (9.53)	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" (19.1)	0.375" (9.53)	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" (19.1)	0.625" (15.88)	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" (25.4)	0.625" (15.88)	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" (25.4)	0.875" (22.23)	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" (38.1)	0.875" (22.23)	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" (50.8)	0.875" (22.23)	2.50" (63.5)	2.375" (60.325)	2.052" (52.12)	1.50" (38.1)	3.15" (80.0)
FBETA - 12F8N - 1	3/4" (19.1)	1/2" (12.7)	0.607" (15.42)	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" (19.1)	0.809" (20.55)	2.35" (59.7)	1.055" (26.80)	0.809" (20.55)	1.50" (38.1)	2.66" (67.4)

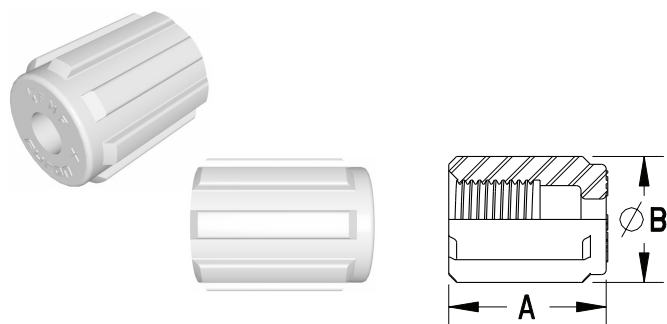
UEFF Union Elbow Female Flare



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)

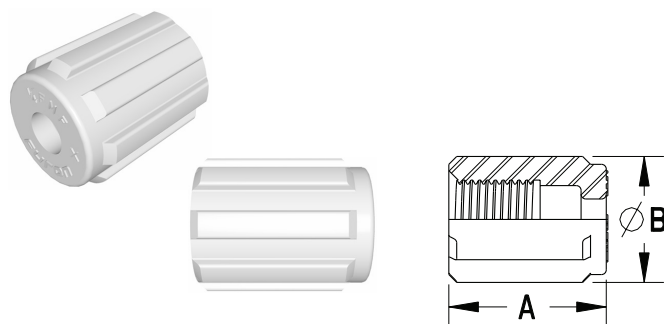
PVDF Nut



Furon® PVDF Nut

Part Number	Tube Size (mm)	A (mm)	ØB (mm)
FMF4N - 1	1/4" (6.4)	1.00" (25.4)	0.80" (20.3)
FMF6N - 1	3/8" (9.5)	1.03" (26.2)	0.91" (23.1)
FMF8N - 1	1/2" (12.7)	1.08" (27.4)	1.03" (26.2)
FMF12N - 1	3/4" (19.1)	1.24" (31.5)	1.33" (33.8)
FMF16N - 1	1" (25.4)	1.50" (38.1)	1.81" (46.0)

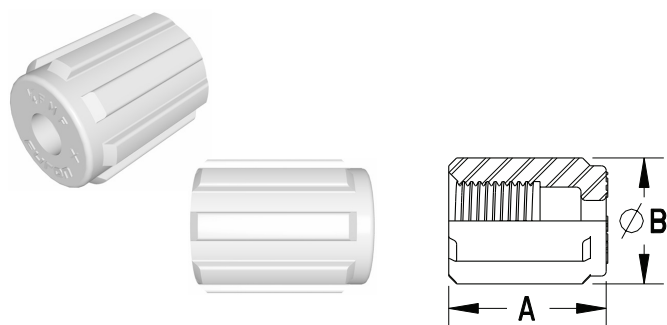
ETFE Nut



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)	1.03" (26.2)	0.91" (23.1)
FMF8N - 2	1/2" (12.7)	1.08" (27.4)	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)

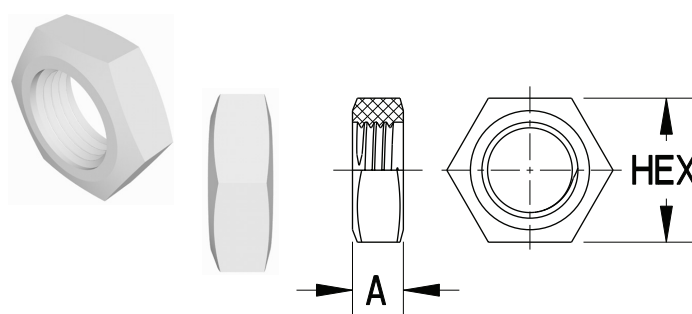
PFA Nut



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)	1.03" (26.2)	0.94" (23.9)
FMF8N - 3	1/2" (12.7)	1.08" (27.4)	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)

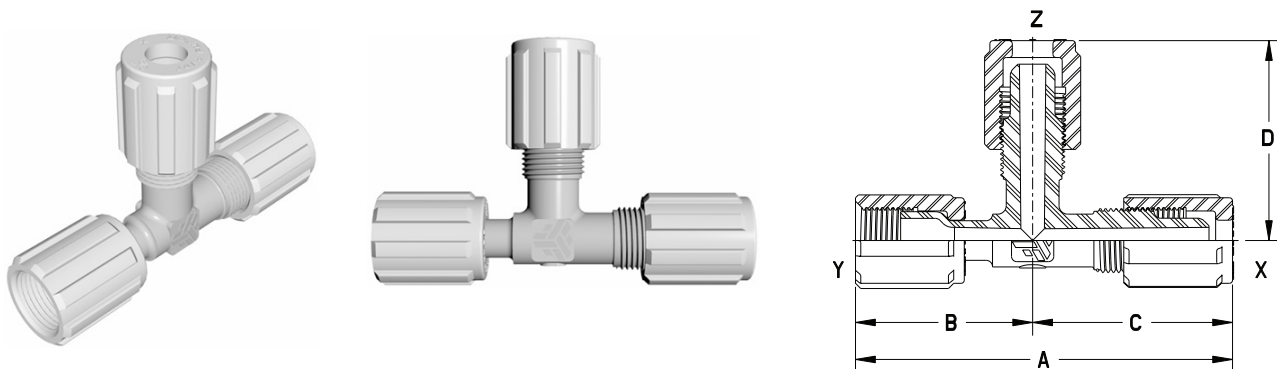
PVDF Panel Nut



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)

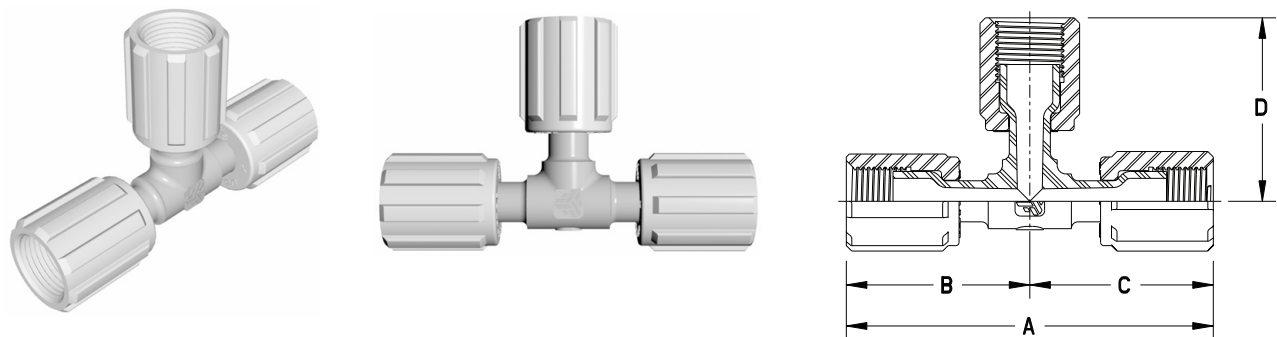
UTFF I Union Tee Female Flare I



Furon® UTFF I Union Tee Female Flare I

Part Number	Tube Size X x Y x Z			Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
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"	3/4"	3/4"	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)

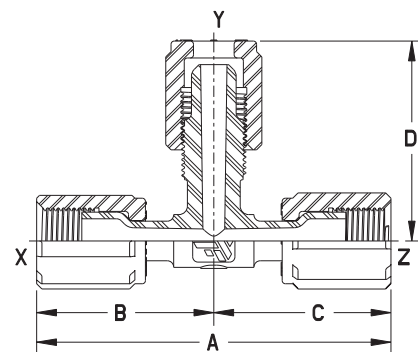
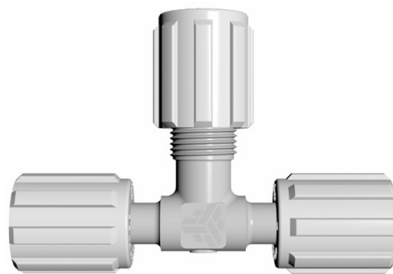
UTFF 111 Union Tee Female Flare 111



Furon® UTFF 111 Union Tee Female Flare 111

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)

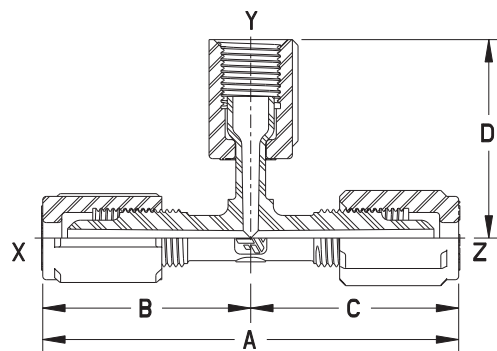
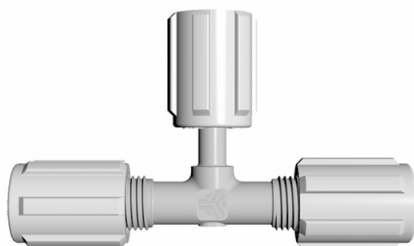
UTRFF I Union Tee Reducer Remale Flare I



Furon® UTRFF 1 Union Tee Reducer Female Flare 1

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)

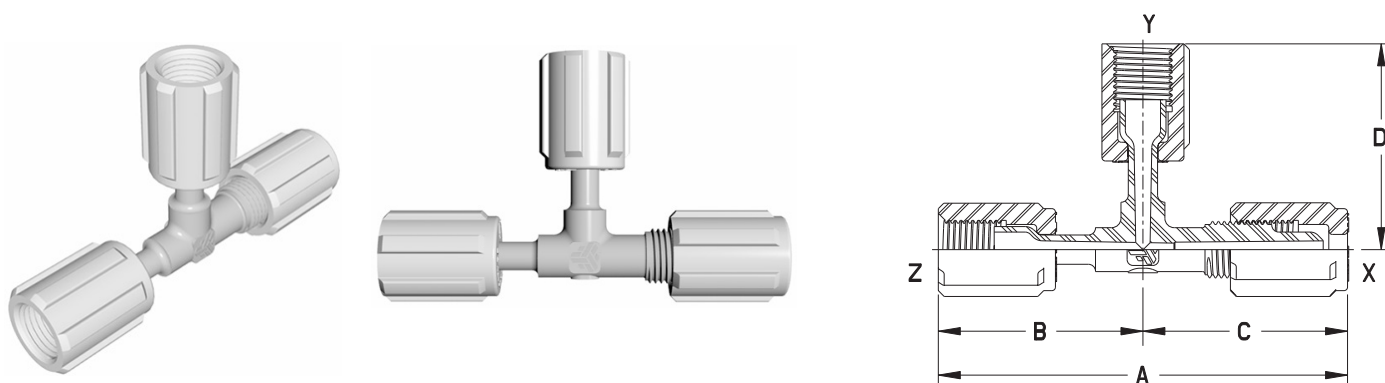
UTRFF 11 Union Tee Reducer Female Flare 11



Furon® UTRFF 11 Union Tee Reducer Female Flare 11

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)

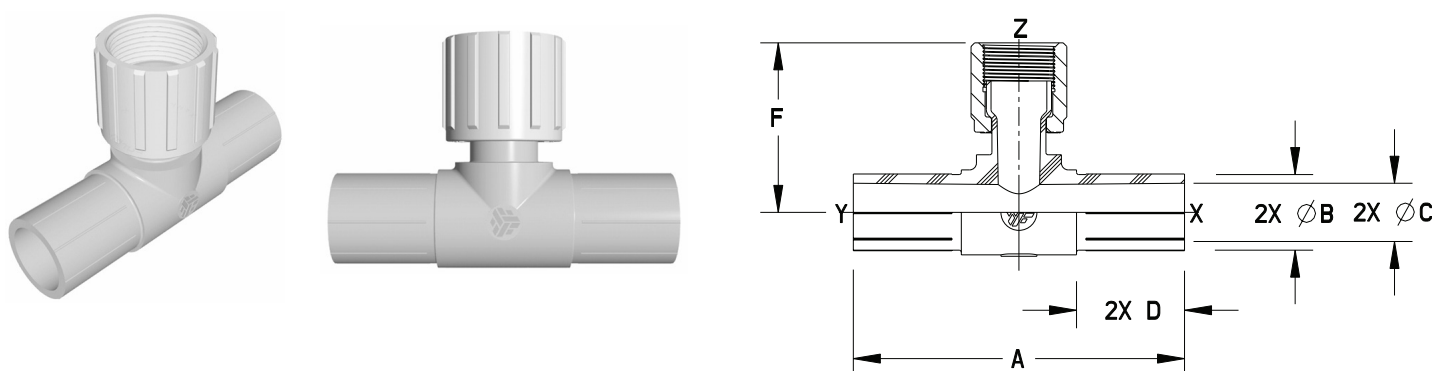
UTRFF III Union Tee Reducer Female Flare III



Furon® UTRFF 111 Union Tee Reducer Female Flare 111

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)

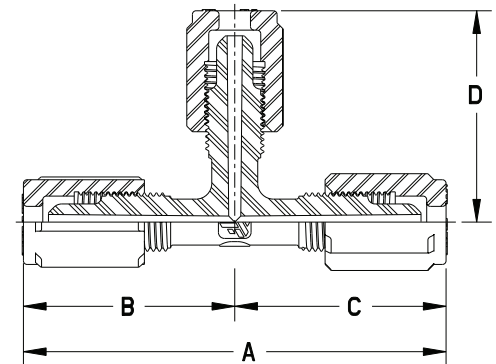
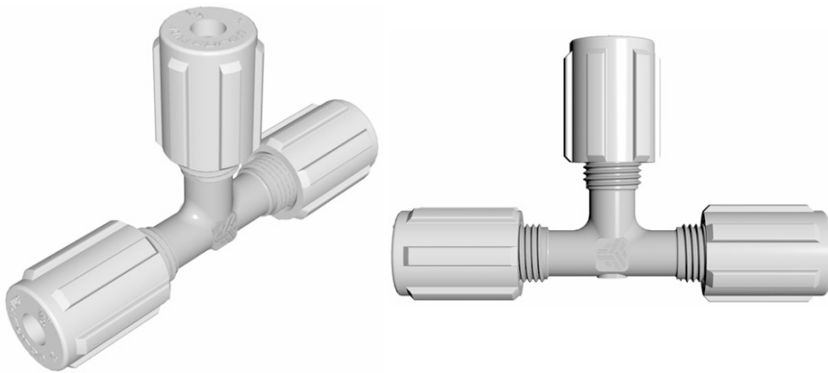
BTFF Branch Tee Female Flare (FuseBond™)



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)
FBT-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)
FBT-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)
FBT-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)

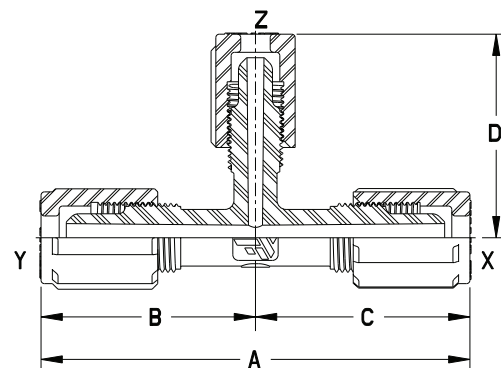
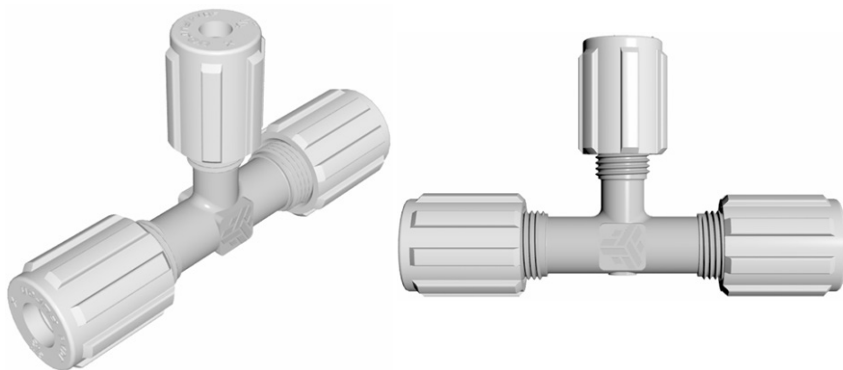
UT Union Tee



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)

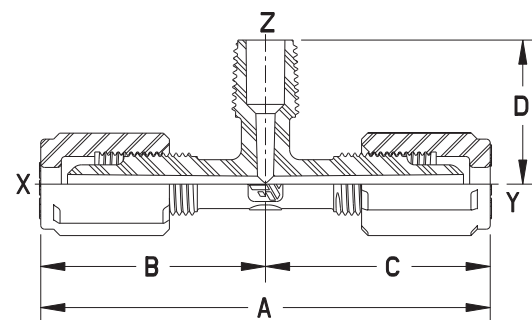
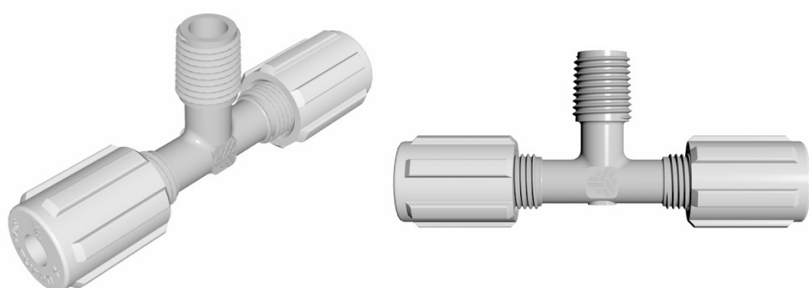
UTR Union Tee Reducer



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)

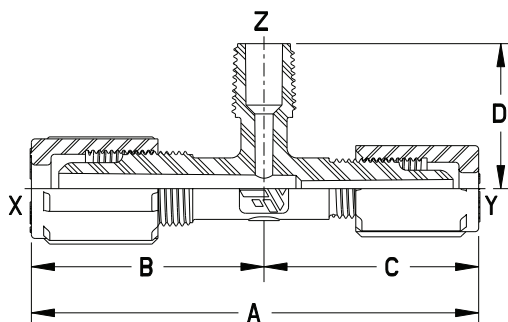
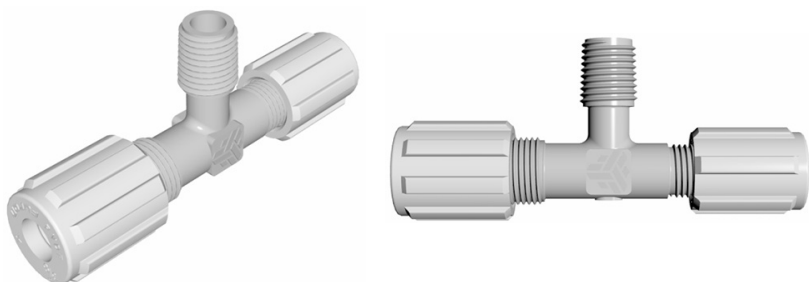
MBT Male Branch Tee



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)

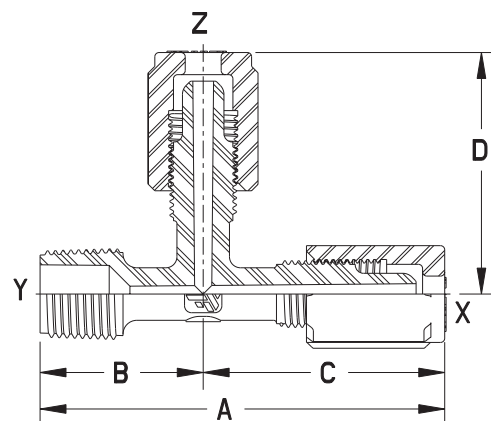
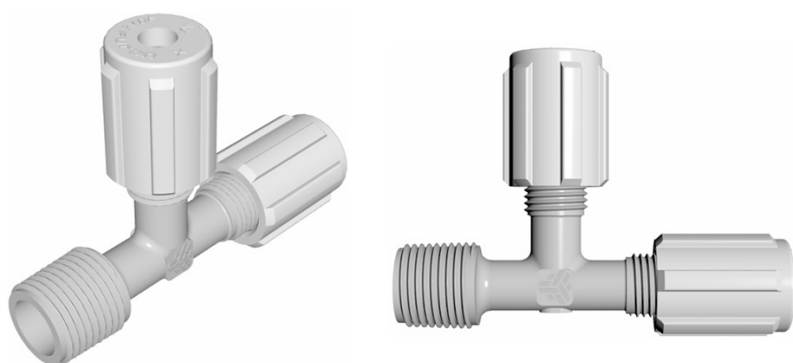
MBTR Male Branch Tee Reducer



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)

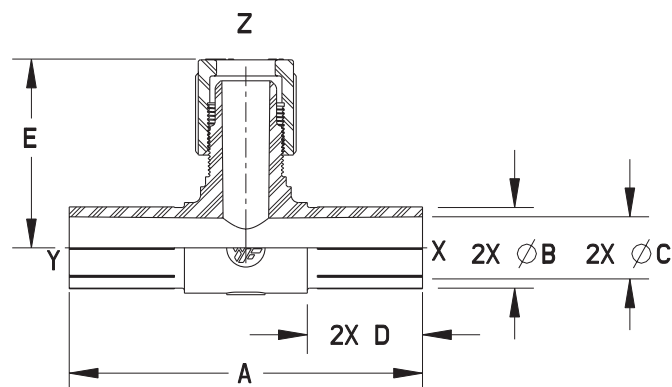
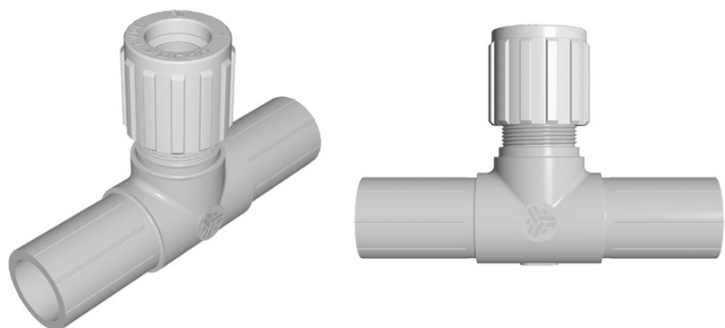
MRT Male Run Tee



Furon® MRT Male Run Tee

Part Number	Tube x Male x Tube (NPT) X x Y x Z	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
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 X x Y x Z	Orifice (mm)	A (mm)	ØB (mm)	ØC (mm)	D (mm)	E (mm)
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)



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