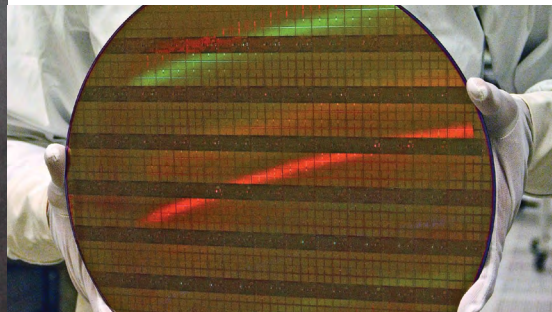




Furon® FlareGrip® II

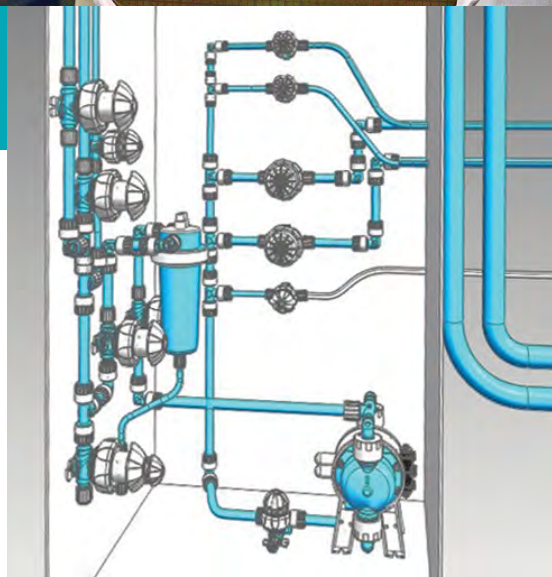
Industry Standard Fine Flare Thread

Description

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

Applications

The Furon® FlareGrip® II fittings offer the perfect solution of fitting for 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

Straight Flare Grip® II Fitting Line



UAF

Union Adapter Female

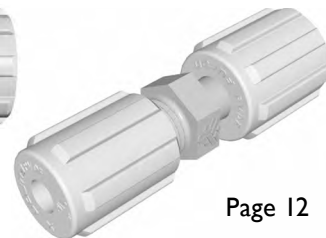


Page 8



UAFF

Union Adapter Female Flare



Page 12



UAM

Union Adapter Male



Page 9



UAMP

Union Adapter Male Panel



Page 13



SU

Straight Union

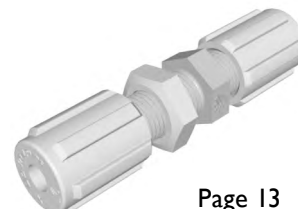


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SUP

Straight Union Panel



Page 13



SUR

Straight Union Reducer



Page 10

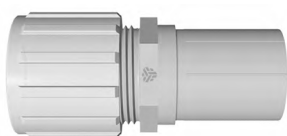


SUPR

Straight Union Panel Reducer



Page 14



UA

Union Adapter (FuseBond™)



Page 11



UAFF (FuseBond™)

Union Adapter Female Flare (FuseBond)

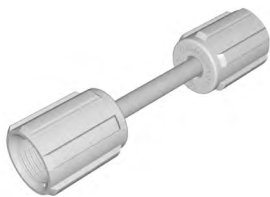


Page 15



STU

Straight Tube Union



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NOTES

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

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

Elbow and Nut Flare Grip® II Fitting Line



EAM

Elbow Adapter Male



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ETAFF

Elbow Tube Adapter Female Flare



Page 19



UE

Union Elbow



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UEFF

Union Elbow Female Flare



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ETA

Elbow Tube Adapter



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PVDF ETFE PFA

Nut



Page 20



EAF

Elbow Adapter Female



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PVDF

Panel Nut



Page 20



UER

Union Elbow Reducer



Page 18

Tee Flare Grip® 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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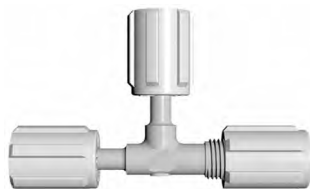


UTRFF II

Union Tee Reducer Female Flare II



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UTRFF III

Union Tee Reducer Female Flare III



Page 23



BTFF

Branch Tee Female Flare (Fuse-Bond)



Page 23



UT

Union Tee



Page 24



UTR

Union Tee Reducer



Page 25



MBT

Male Branch Tee



Page 26



MBTR

Male Branch Tee Reducer



Page 26



MRT

Male Run Tee



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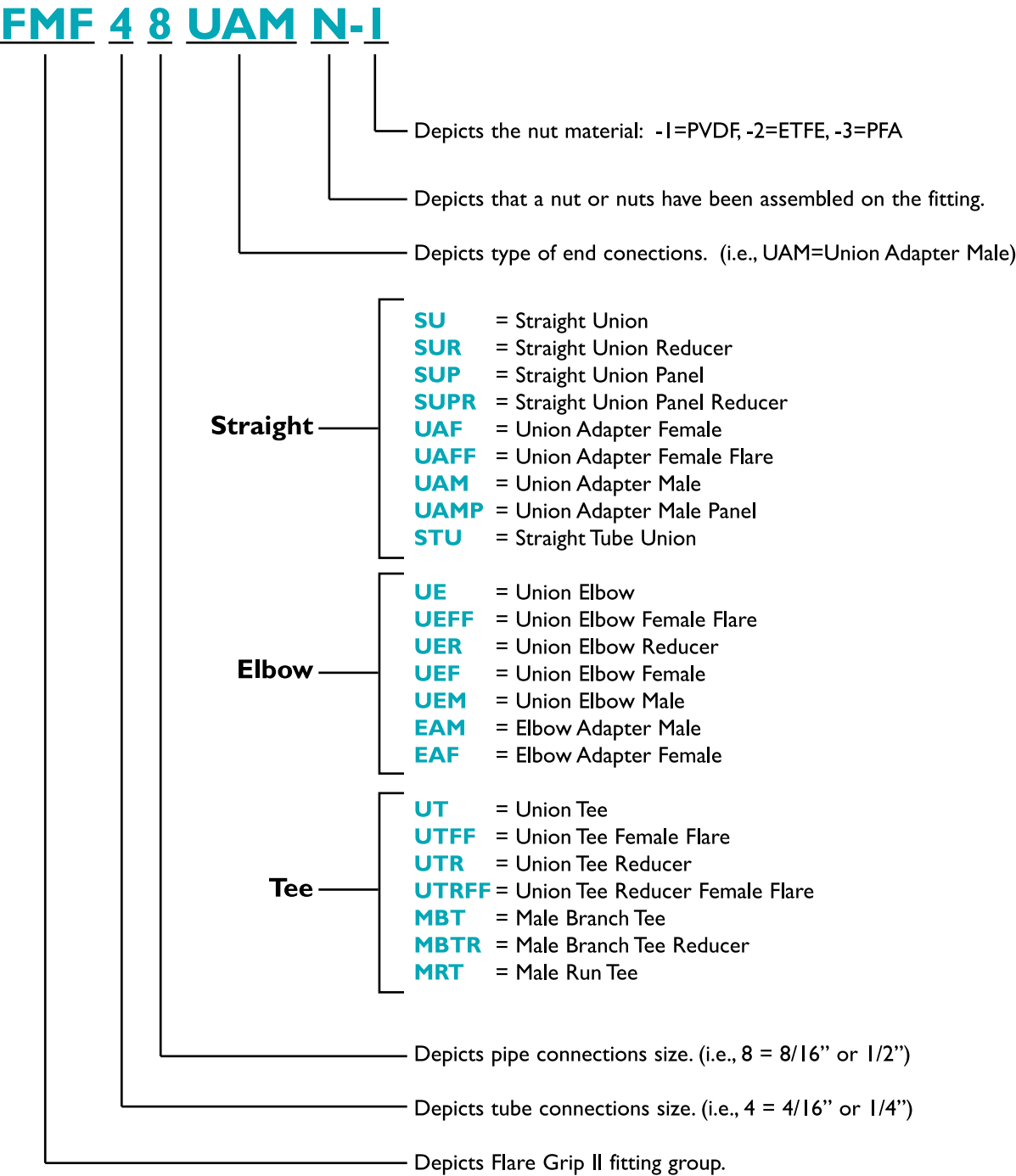
BT

Branch T



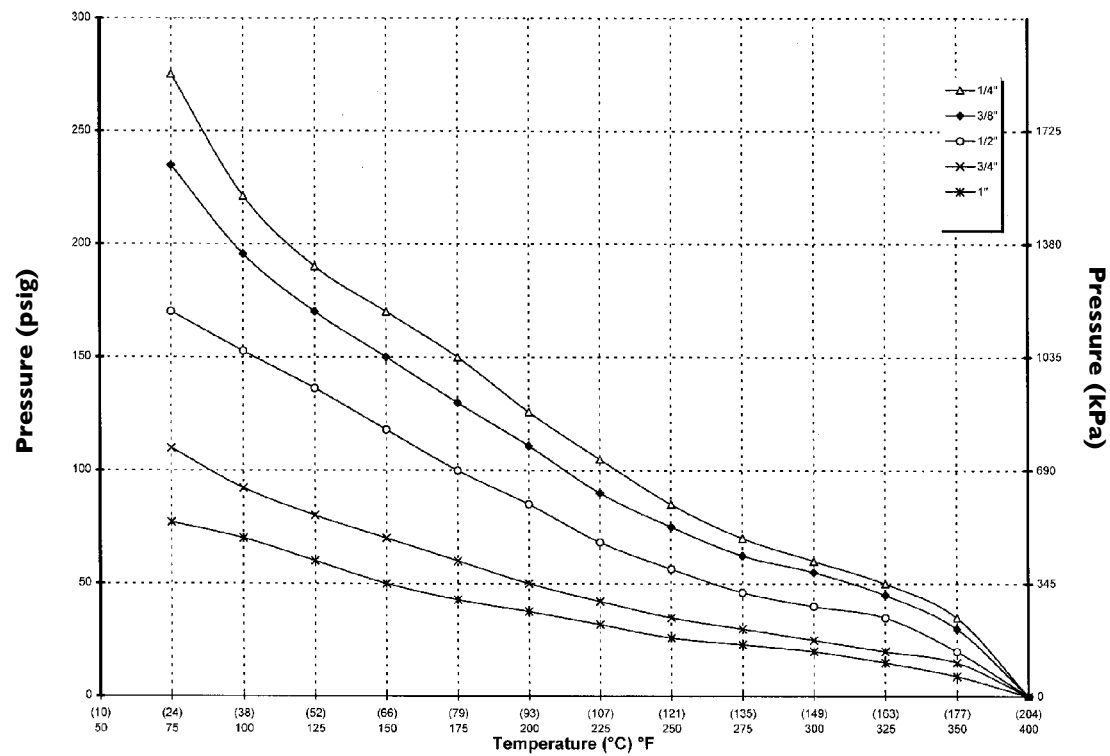
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Normenclature

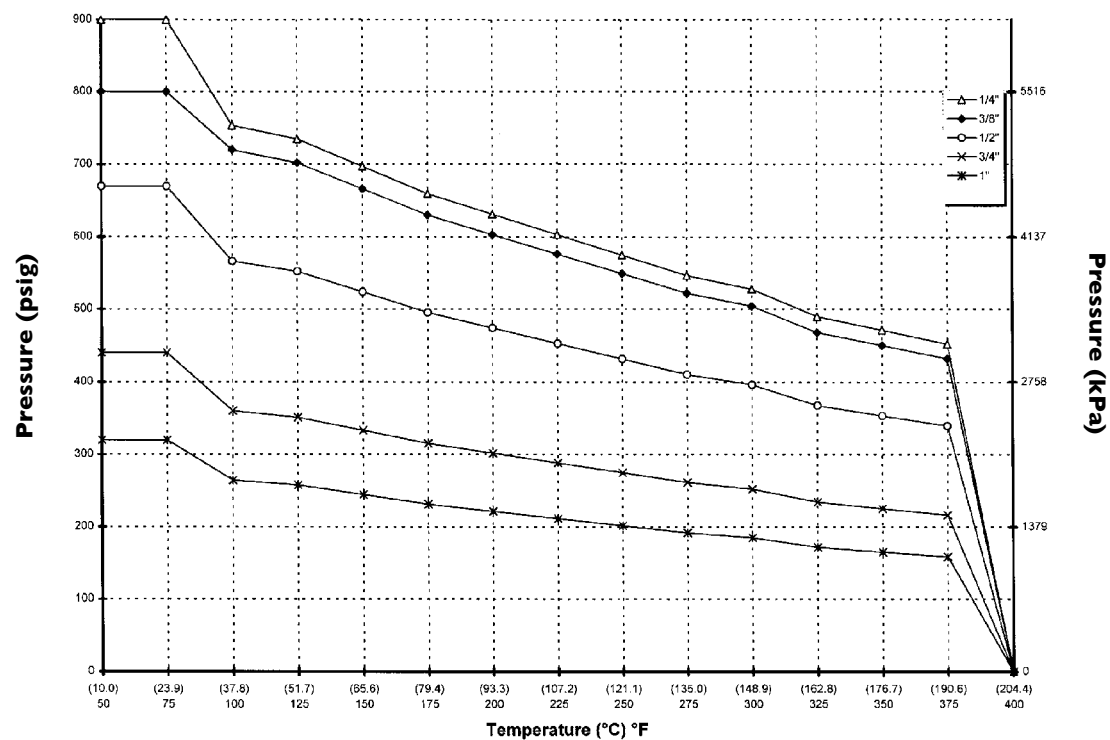


Performance Charts

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

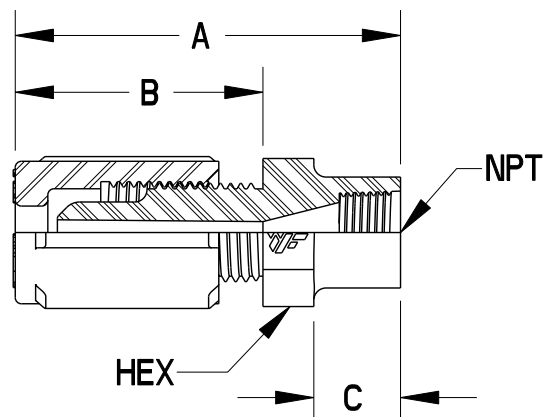
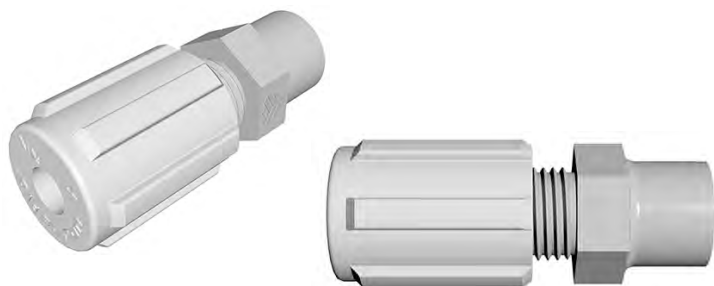
Temperature °F	Temperature °C	1/4"		3/8"		1/2"		3/4"		1"	
		psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)	psi	(kPa)
75	(24)	900	(6206)	800	(5516)	670	(4620)	440	(3034)	320	(2206)
200	(93)	631	(4353)	603	(4159)	474	(3270)	302	(2082)	221	(1527)
250	(121)	575	(3963)	549	(3787)	432	(2977)	275	(1895)	202	(1390)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

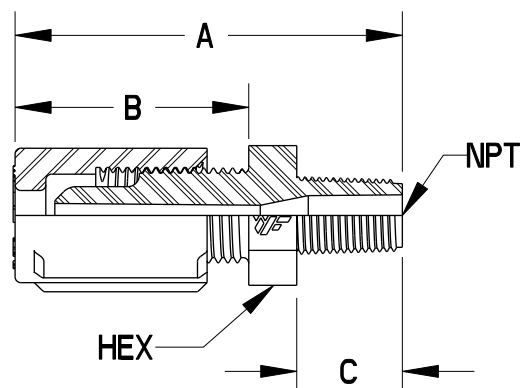
UAF Union Adapter Female



Furon® UAF Union Adapter Female

Part Number	Tube Size (mm)	Female NPT (in.)	Orifice (mm)	A (mm)	B (mm)	C (mm)	HEX (mm)
FMF42UAFN - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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)
FMFI28UAFN - I	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)
FMFI212UAFN - I	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)
FMFI216UAFN - I	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)
FMFI68UAFN - I	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)
FMFI612UAFN - I	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)
FMFI616UAFN - I	1" (25.4)	1	0.875" (22.23)	2.75" (69.8)	1.76" (44.6)	0.90" (22.7)	1.63" (41.4)

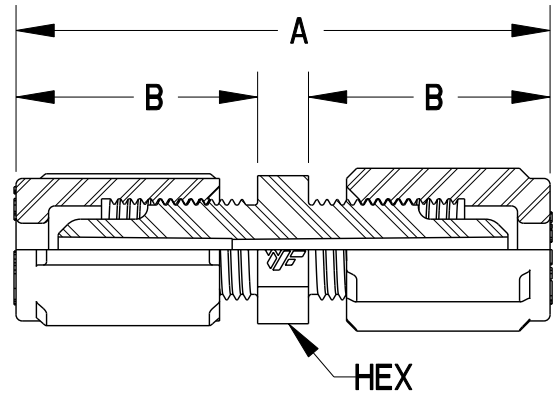
UAM Union Adapter Male



Furon® UAM Union Adapter Male

Part Number	Tube Size (mm)	Male NPT (mm)	Orifice (mm)	A (mm)	B (mm)	C (mm)	HEX (mm)
FMF42UAMN - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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)

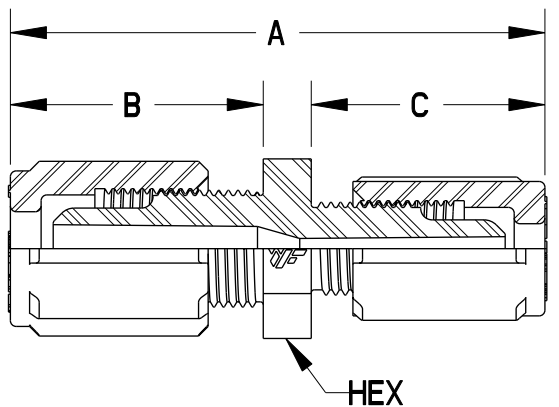
SU Straight Union



Furon® SU Straight Union

Part Number	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)	HEX (mm)
FMF4SUN - I	1/4" (6.4)	0.125" (3.18)	2.68" (68.2)	1.22" (30.9)	0.63" (16.0)
FMF6SUN - I	3/8" (9.5)	0.250" (6.35)	2.88" (73.1)	1.31" (33.4)	0.81" (20.6)
FMF8SUN - I	1/2" (12.7)	0.375" (9.53)	3.10" (78.6)	1.42" (36.1)	0.94" (23.9)
FMFI2SUN - I	3/4" (19.1)	0.625" (15.88)	3.30" (83.7)	1.52" (38.7)	0.19" (30.2)
FMFI6SUN - I	1" (25.4)	0.875" (22.23)	2.78" (70.7)	1.27" (32.2)	1.44" (36.6)

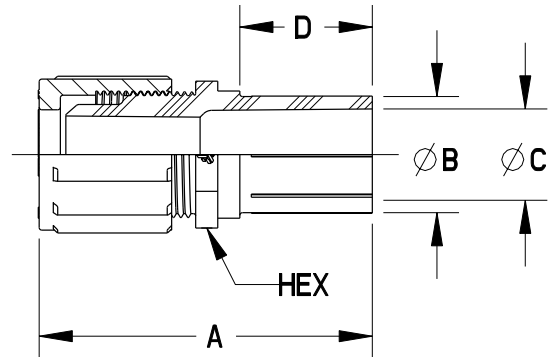
SUR Straight Union Reducer



Furon® SUR Straight Union Reducer

Part Number	Tube Size (mm)	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)	C (mm)	HEX (mm)
FMF64SURN - I	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 - I	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 - I	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)
FMFI24SURN - I	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)
FMFI26SURN - I	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)
FMFI28SURN - I	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)
FMFI68SURN - I	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)
FMFI612SURN - I	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)

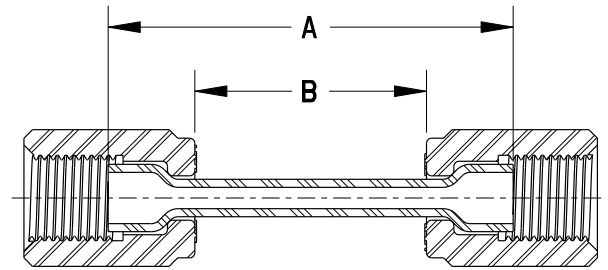
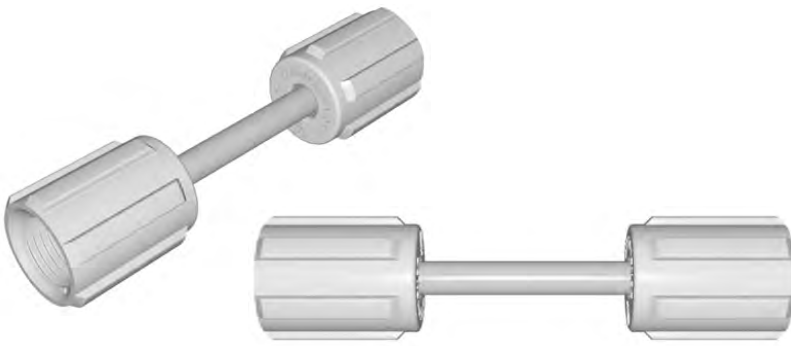
UA Union Adapter (FuseBond™)



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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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)

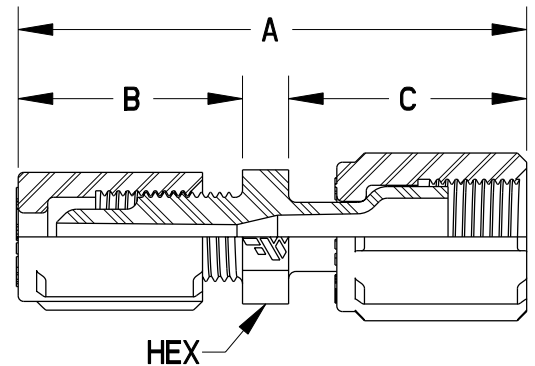
STU Straight Tube Union



Furon® STU Straight Tube Union

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

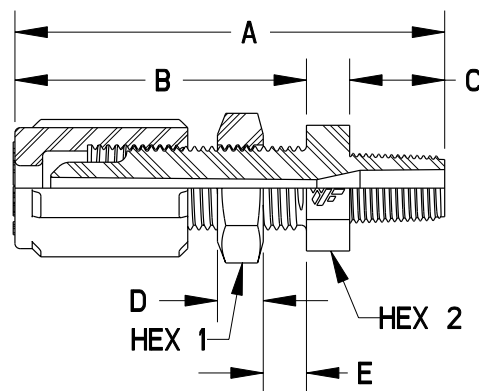
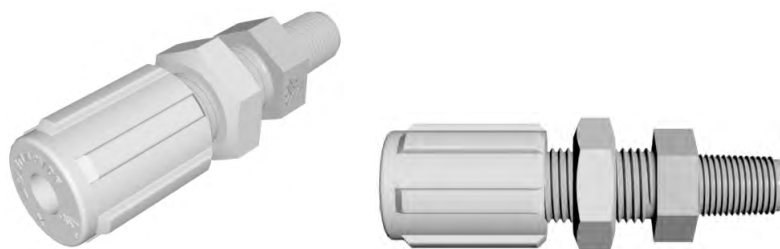
UAFF Union Adapter Female Flare



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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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)

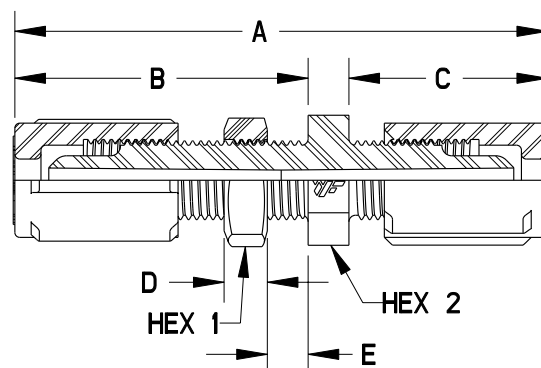
UAMP Union Adapter Male Panel



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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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)
FMFI28UAMPN - I	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)
FMFI212UAMPN - I	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)
FMFI612UAMPN - I	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)
FMFI616UAMPN - I	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)

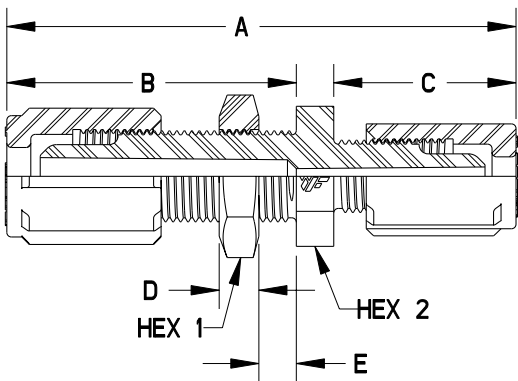
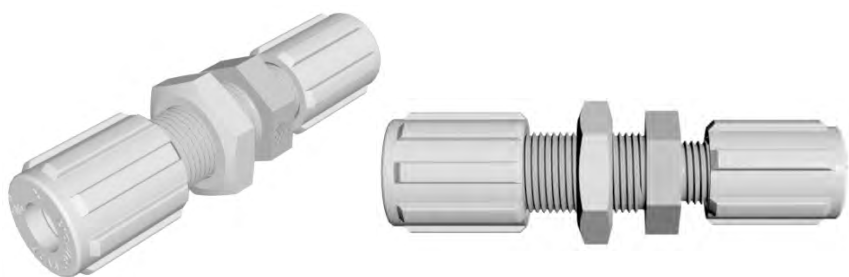
SUP Straight Union Panel



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 - I	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 - I	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 - I	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)
FMFI2SUPN - I	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)
FMFI6SUPN - I	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)

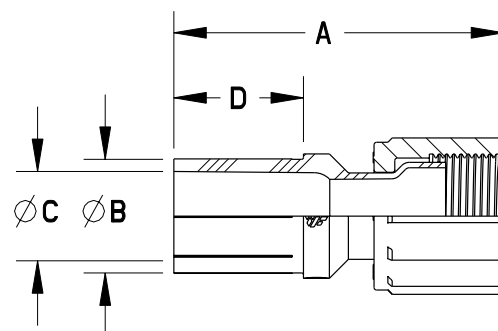
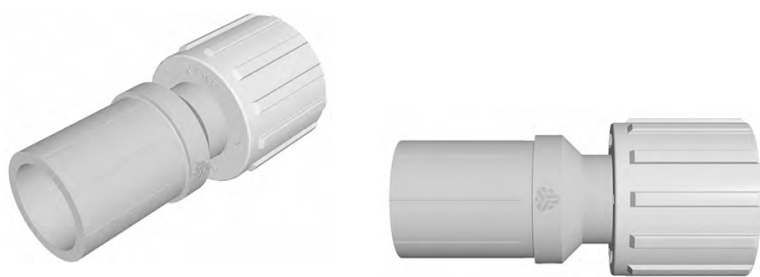
SUPR Straight Union Panel Reducer



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 - I	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 - I	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 - I	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 - I	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 - I	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)

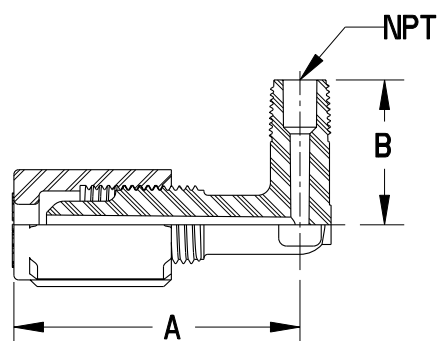
UAFF Union Adapter Female Flare (FuseBond™)



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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	1" (25.4)	2"	0.875" (22.23)	3.35" (85.0)	2.375" (60.33)	2.052" (52.12)	0.50" (12.7)

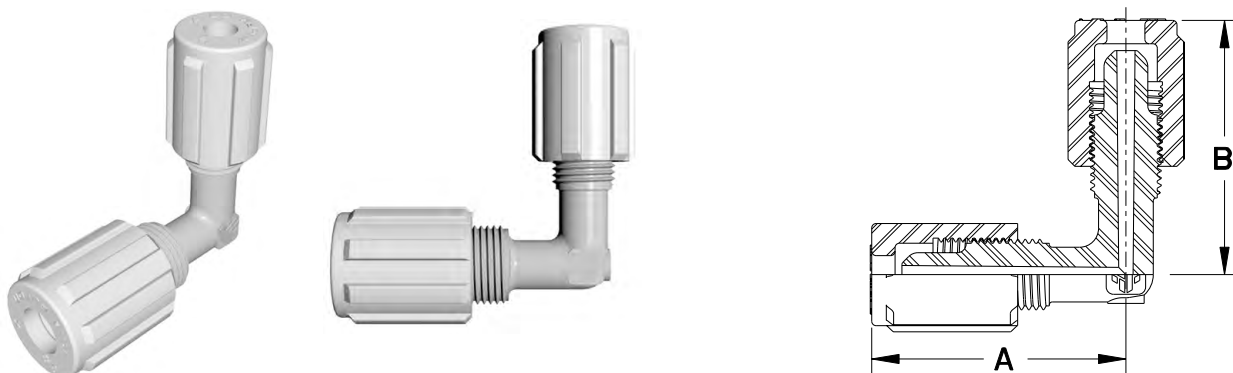
EAM Elbow Adapter Male



Furon® EAM Elbow Adapter Male

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

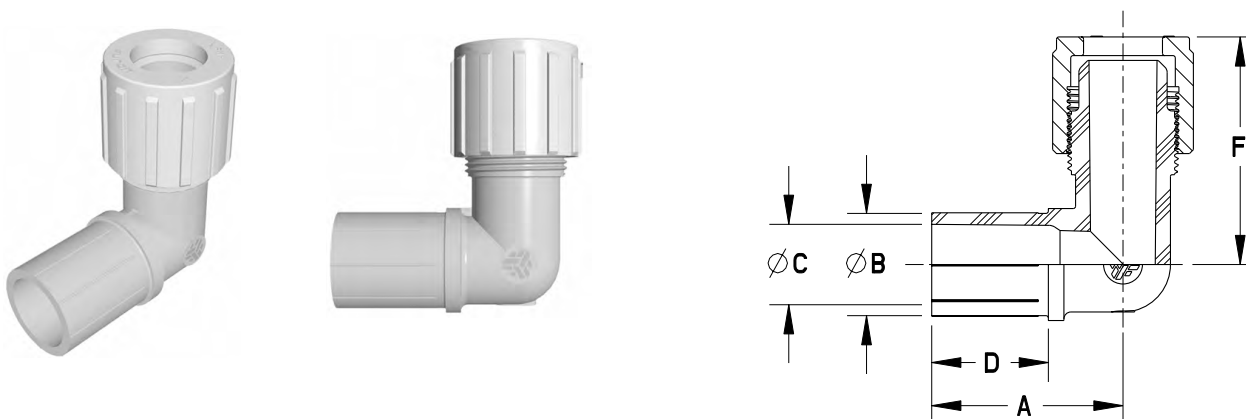
UE Union Elbow



Furon® UE Union Elbow

Part Number	Tube Size (mm)	Orifice (mm)	A (mm)	B (mm)
FMF4UEN - I	1/4" (6.4)	0.125" (3.18)	1.74" (44.2)	1.74" (44.2)
FMF6UEN - I	3/8" (9.5)	0.250" (6.35)	1.89" (48.1)	1.89" (48.1)
FMF8UEN - I	1/2" (12.7)	0.375" (9.53)	2.06" (52.4)	2.06" (52.4)
FMFI2UEN - I	3/4" (19.1)	0.625" (15.88)	1.74" (44.2)	1.74" (44.2)
FMFI6UEN - I	1" (25.4)	0.875" (22.23)	2.80" (71.2)	2.80" (71.2)

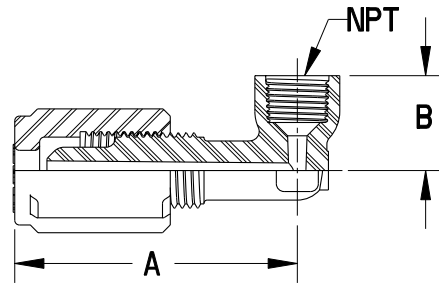
ETA Elbow Tube Adapter



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 - I	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 - I	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 - 8FI2N - I	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 - 12FI2N - I	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 - 12FI6N - I	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 - 16FI6N - I	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 - I	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 - I	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 - I	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 - 16FI2N - I	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)

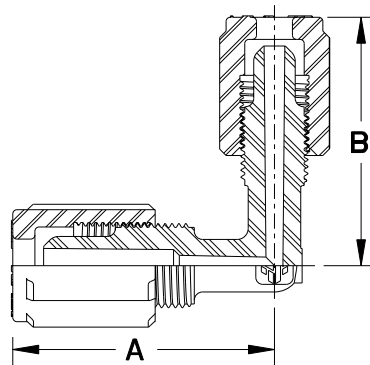
EAF Elbow Adapter Female



Furon® UE Union Elbow

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

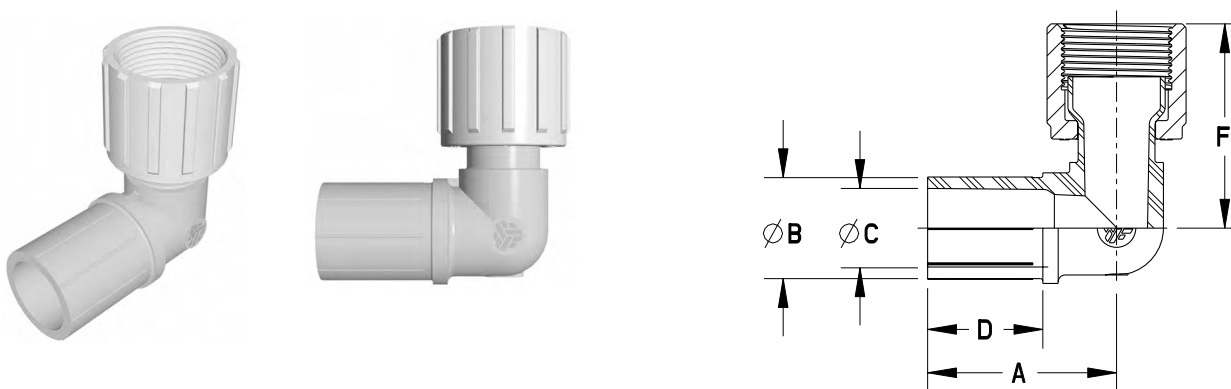
UER Union Elbow Reducer



Furon® UER Union Elbow Reducer

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

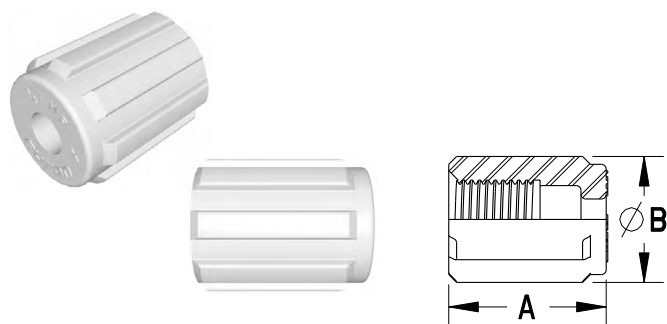
UEFF Union Elbow Female Flare



Furon® UEFF Union Elbow Female Flare

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

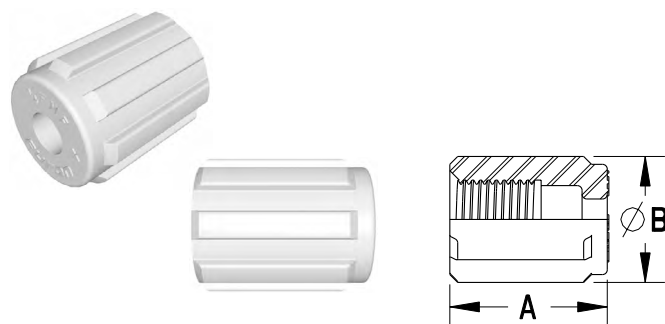
PVDF Nut



Furon® PVDF Nut

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

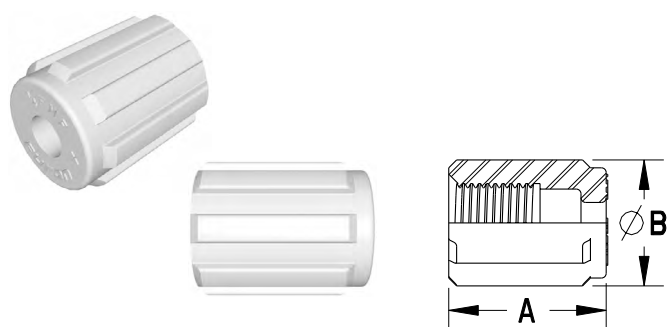
ETFE Nut



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)

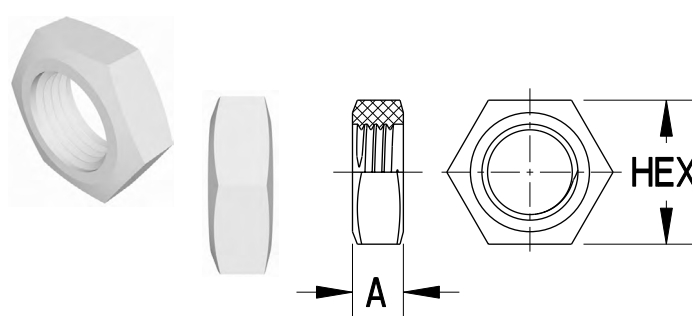
PFA Nut



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 - I	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 - I	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 - I	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 - I	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)
FMFI28FFI2UTFFN - I	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)
FMFI212FF6UTFFN - I	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)
FMFI212FFI2UTFFN - I	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)
FMFI616FFI6UTFFN - I	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 - I	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 - I	1/2" (12.7)	0.375" (9.53)	3.60" (91.4)	1.80" (45.7)	1.80" (45.7)	1.80" (45.7)
FMFI2UTFF - I	3/4" (19.1)	0.625" (15.88)	4.26" (108.2)	2.13" (54.1)	2.13" (54.1)	2.13" (54.1)
FMFI6UTFF - I	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 - I	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 - I	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 - I	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 - I	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)

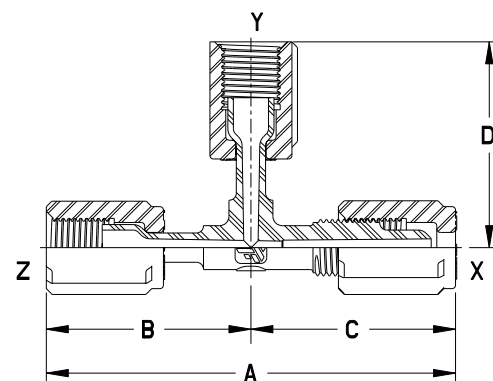
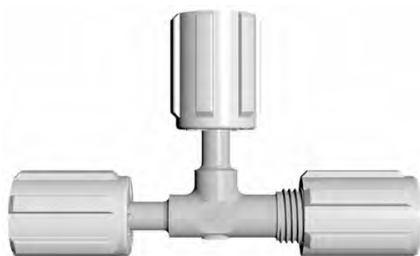
UTRFF II Union Tee Reducer Female Flare II



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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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)

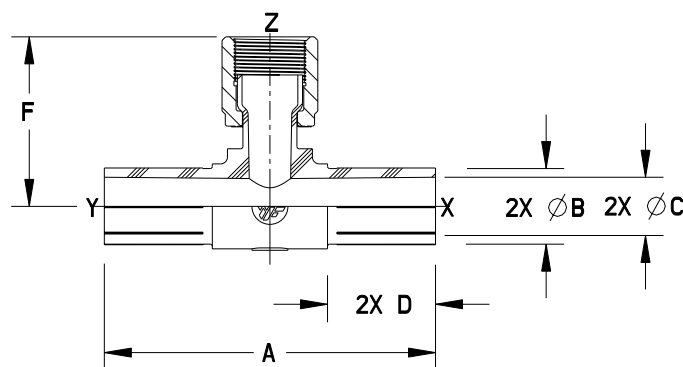
UTRFF III Union Tee Reducer Female Flare III



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 - I	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 - I	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 - I	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 - I	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 - I	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)

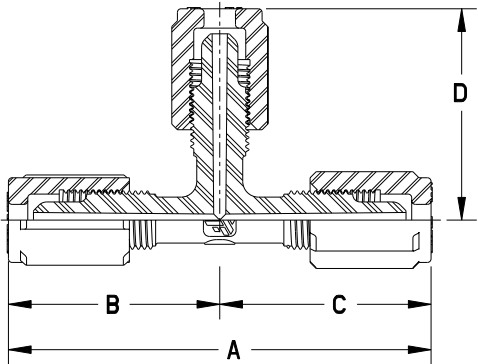
BTFF Branch Tee Female Flare (FuseBond™)



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 - I	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 - I	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 - I	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)

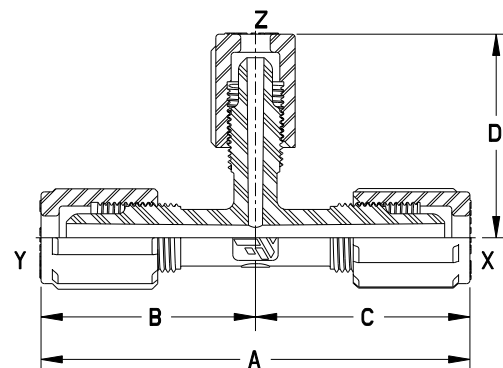
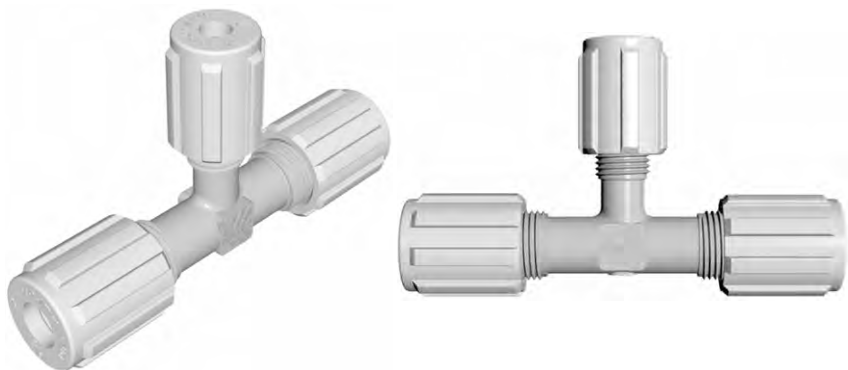
UT Union Tee



Furon® UT Union Tee

Part Number	Tube Size	Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
FMF4UTN - I	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 - I	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 - I	1/2" (12.7)	0.375" (9.53)	4.13" (104.8)	2.06" (52.4)	2.06" (52.4)	2.06" (52.4)
FMI2UTN - I	3/4" (19.1)	0.625" (15.88)	4.63" (117.5)	2.31" (58.8)	2.31" (58.8)	2.31" (58.8)
FMI6UTN - I	1" (25.4)	0.875" (22.23)	5.61" (142.4)	2.80" (71.2)	2.80" (71.2)	2.80" (71.2)

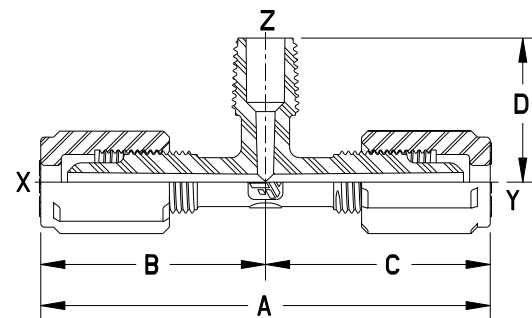
UTR Union Tee Reducer



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 - I	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 - I	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 - I	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 - I	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 - I	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)
FMFI2124UTRN - I	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)
FMFI2812UTRN - I	3/4"	1/2"	3/4"	0.875" (22.23)	5.43" (138.0)	2.63" (66.8)	2.80" (71.2)	2.80" (71.2)
FMFI6168UTRN - I	1"	1"	1/2"	0.375" (9.53)	5.61" (142.4)	2.80" (71.2)	2.80" (71.2)	2.45" (62.3)
FMFI61612UTRN - I	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 - I	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 - I	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)
FMFI2812UTRN - I	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)
FMFI248UTRN - I	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 - I	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 - I	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)
FMFI288UTRN - I	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)

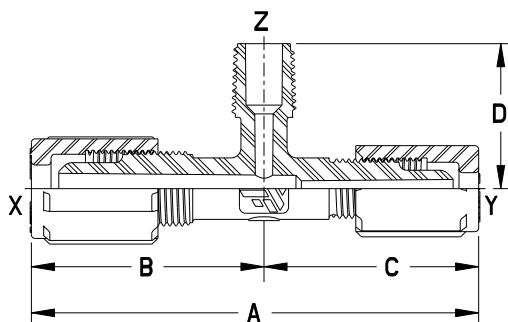
MBT Male Branch Tee



Furon® MBT Male Branch Tee

Part Number	Tube Size (NPT)			Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
	X	Y	Z					
FMF442MBTN - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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)
FMFI2124MBTN - I	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)
FMFI2128MBTN - I	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)
FMFI21212MBTN - I	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)
FMFI6164MBTN - I	1"	1"	1/4"	0.150" (3.81)	5.61" (142.4)	2.80" (71.2)	2.80" (71.2)	1.63" (41.4)
FMFI61616MBTN - I	1"	1"	1"	0.850" (21.59)	5.61" (142.4)	2.80" (71.2)	2.80" (71.2)	2.02" (51.3)

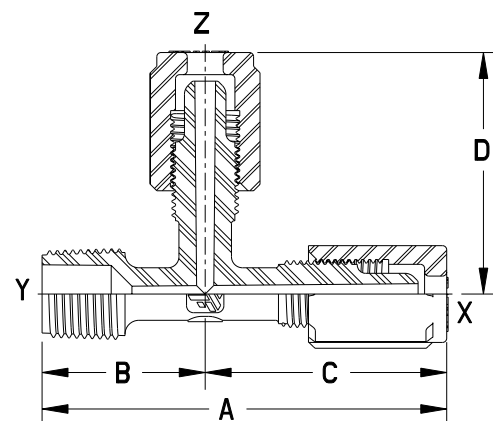
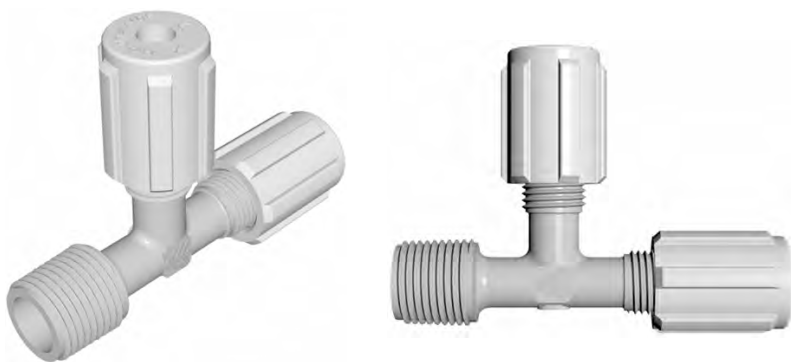
MBTR Male Branch Tee Reducer



Furon® MBTR Male Branch Tee Reducer

Part Number	Pipe x Pipe x Tube (NPT)			Orifice (mm)	A (mm)	B (mm)	C (mm)	D (mm)
	X	Y	Z					
FMF644MBTRN - I	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 - I	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 - I	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 - I	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 - I	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)

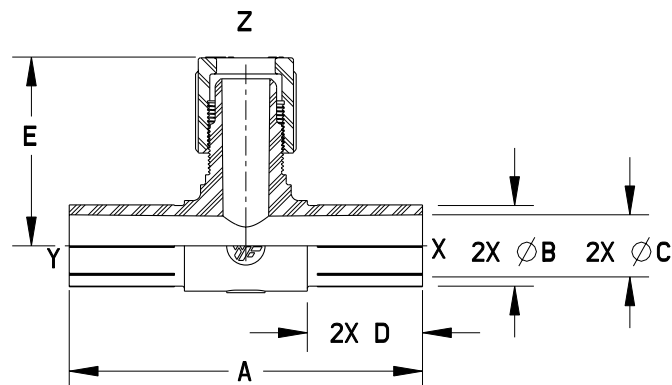
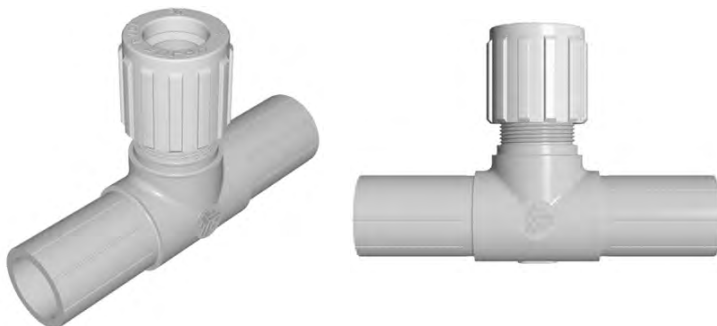
MRT Male Run Tee



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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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 - I	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)
FMFI2812MRTN - I	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)
FMFI21212MRTN - I	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 - I	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 - I	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)



Saint-Gobain Performance Plastics

7301 Oranewood Avenue
Garden Grove, CA 92841

1-800-833-5661

Tel: (714) 630-5818

Fax: (714) 688-2614

www.processsystems.saint-gobain.com

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