

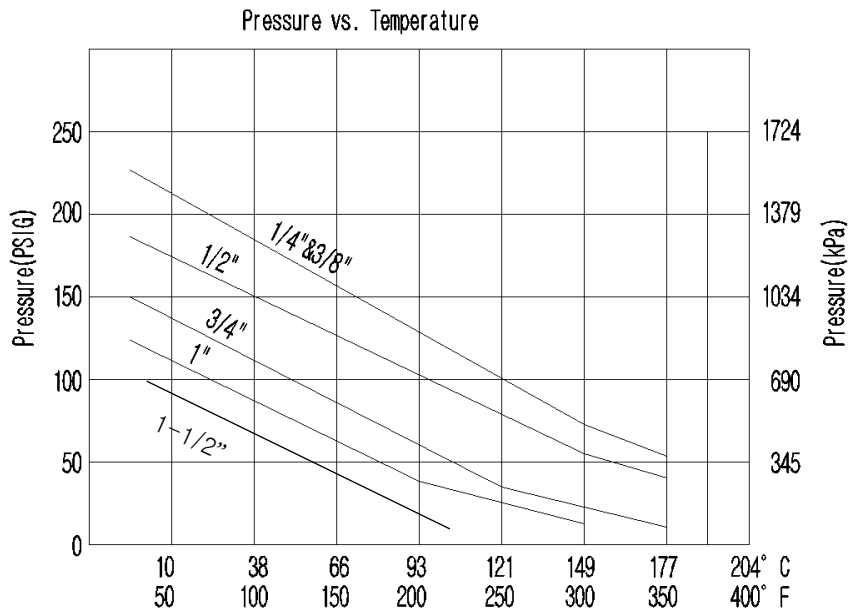
EUFLON™**PFA TUBE FITTING**

FIG. 1 Pressure rating
As a function of temperature.
(standard wall th'k)

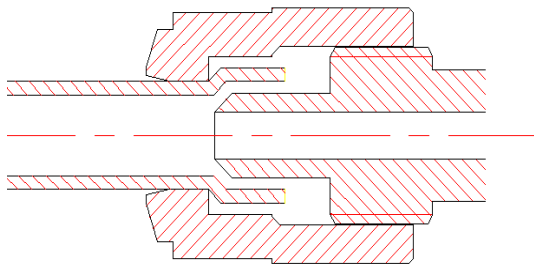


FIG. 2 Eu-Tek Tube fitting connection

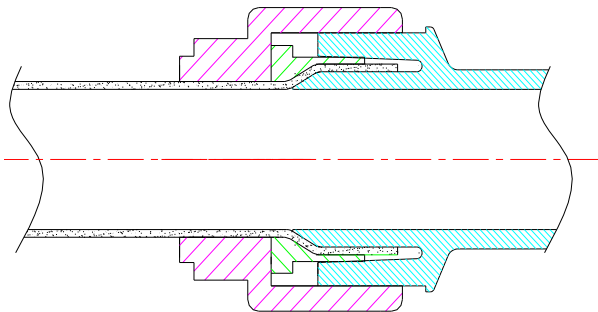


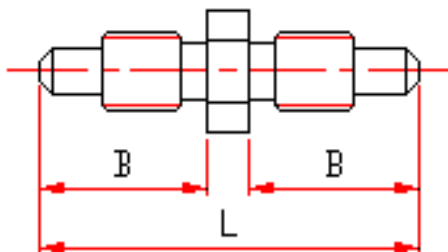
FIG. 3 1-1/2" fitting connection

Eu-Tek tube fittings' performance is extremely high when assembled properly.

there is low dead volume thereby decreasing chances for particle entrapment and bacterial growth. tube pressure performance will vary according to tube size and temperature (Fig .1)

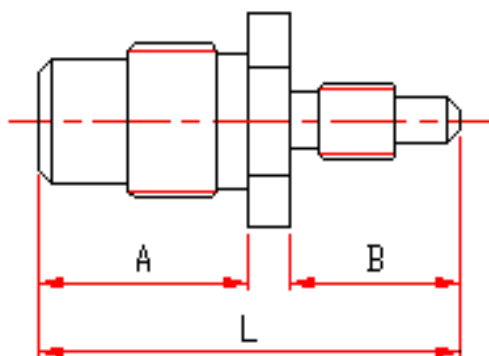
Eu-Tek Tube fittings assembly is completed by heating and flaring the end of the PFA type with the nut slipped over the tubing. this is accomplished with a special shaping mandrel (available from the factory as us). After the tube cools from the flaring step, the nut with tube is placed over fitting nipple and hand tightened. (Fig .2 and 3)

PFA STRAIGHT UNION



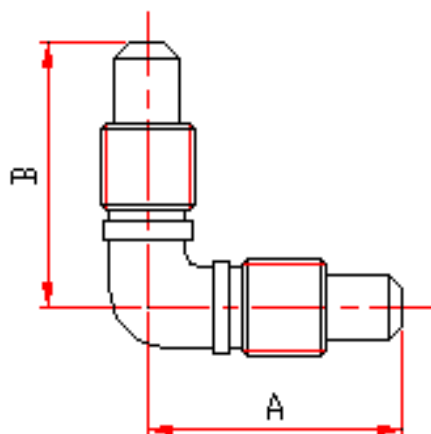
ORDERING NUMBER	TUBE SIZE	ORIFFICE (mm)	L (mm)	B (mm)
SU-04	1/4"	3.30	64.4	29
SU-06	3/8"	5.95	69.0	31
SU-08	1/2"	9.65	73.0	33
SU-12	3/4"	15.00	79.0	36
SU-16	1"	22.10	92.0	42
SU-24	1-1/2"	37.50	128.0	39

PFA UNION REDUCER

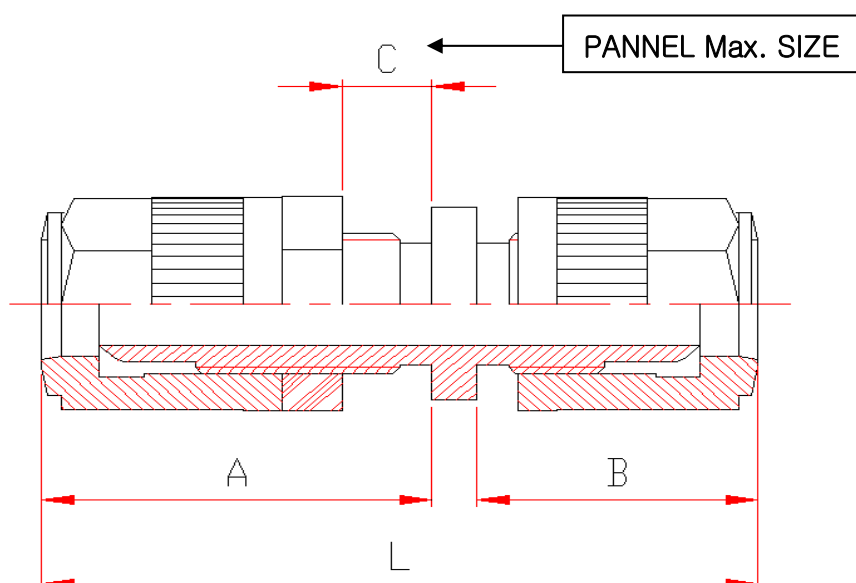


ORDERING NUMBER	TUBE SIZE	ORIFFICE (mm)	L (mm)	A (mm)	B (mm)
UR0604	3/8"x1/4"	3.3	67	31	29
UR0804	1/2"x1/4"	3.3	69	33	29
UR0806	1/2"x3/8"	6.2	71	33	31
UR1204	3/4"x1/4"	3.3	73.5	35	29
UR1206	3/4"x3/8"	6.2	73	35	31
UR1208	3/4"x1/2"	9.5	77.8	35	33
UR1604	1"x1/4"	6.2	78.5	42.5	29
UR1606	1"x3/8"	6.2	80.5	42.5	31
UR1608	1"x1/2"	9.5	85.0	42	35
UR1612	1"x3/4"	16.0	86.5	42	35
UR2416	1 1/2"x1"	22.3	112	58	43
UR2412	1 1/2" x3/4"	16.0	106.5	58	38

PFA UNION ELBOW



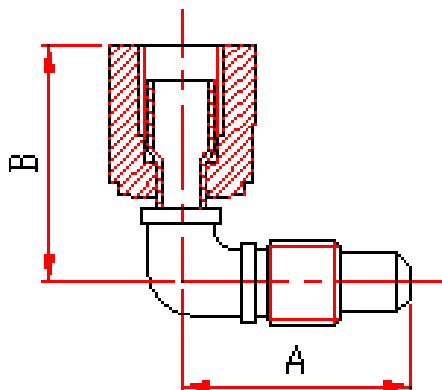
ORDERING NUMBER	TUBE SIZE	ORIFFICE (mm)	A (mm)	B (mm)
UE-04	1/4"	3.15	39.0	39.0
UE-06	3/8"	5.95	43.0	43.0
UE-08	1/2"	9.40	48.0	48.0
UE-12	3/4"	15.65	52.0	52.0
UE-16	1"	20.65	66.5	66.5
UE-24	1 1/2"	35.0	84.0	84.0



PFA PANNEL MOUNT UNION

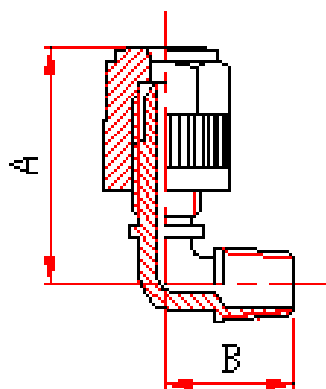
ORDERING NUMBER	TUBE SIZE	ORIFFICE (mm)	A (mm)	B (mm)	C (mm)	L (mm)
PM-04	1/4"x1/4"	3.30	52.0	37.0	13.0	96.0
PM-06	3/8"x3/8"	6.05	54.0	39.0	12.0	100.0
PM-08	1/2"x1/2"	9.10	56.0	41.0	12.0	106.0
PM-12	3/4"x3/4"	15.00	61.0	44.0	10.0	112.0
PM-16	1"x1"	20.65	68.5	52.5	12.0	128.0
PM-1208	3/4"x1/2"	8.95	57.0	41.0	10.0	105.0
PM-1612	1"x3/4"	15.0	52.5	35.0	14.0	120.0

PFA SPACE SAVER ELBOW



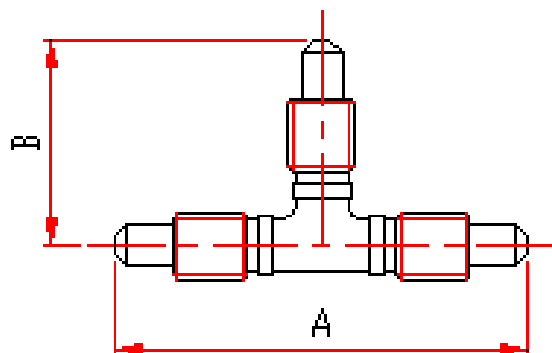
ORDERING NUMBER	TUBE SIZE	ORIFFICE (mm)	A (mm)	B (mm)
SSE-04	1/4"	3.30	39.0	40
SSE-06	3/8"	6.35	43.0	42
SSE-08	1/2"	9.65	48.0	53
SSE-12	3/4"	16.00	52.0	60
SSE-16	1"	22.10	66.5	72

PFA MALE ELBOW



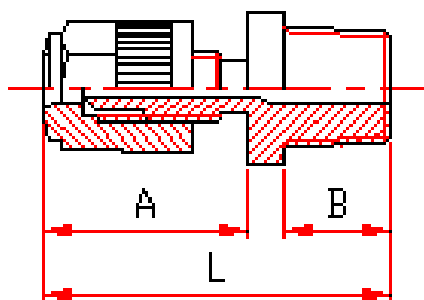
ORDERING NUMBER	TUBE SIZE	MALE NPT	A (mm)	B (mm)
ME-0405P	1/4"	1/8" (PT)	45.0	24.00
ME-0410N	1/4"	1/4"	45.0	24.00
ME-0610P	3/8"	1/4" (PT)	49.0	24.00
ME-0613N	3/8"	3/8"	49.0	28.25
ME-0810N	1/2"	1/4"	55.0	31.10
ME-0815N	1/2"	1/2"	55.0	35.85
ME-1220N	3/4"	3/4"	60.0	40.15
ME-1625N	1"	1"	76.5	48.50

PFA UNION TEE

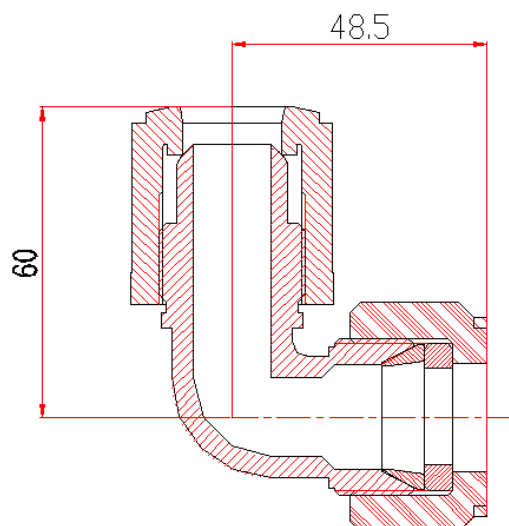


ORDERING NUMBER	TUBE SIZE	ORIFFICE (mm)	A (mm)	B (mm)
UT-04	1/4"	3.50	78	39..0
UT-06	3/8"	5.85	86	43.0
UT-08	1/2"	9.45	96	48.0
UT-12	3/4"	15.75	104	52.0
UT-16	1"	20.5	133	66.5
UT-24	1 1/2"	35.10	160	84.0

PFA MALE CONNECTOR



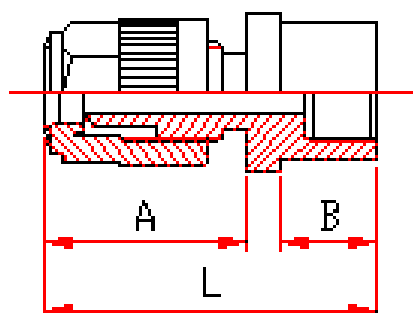
ORDERING NUMBER	TUBE SIZE	MALE NPT	L (mm)	A (mm)	B (mm)
MC-0410N	1/4"	1/4"	52.5	32.5	13.0
MC-0413N	1/4"	3/8"	51.0	29.5	14.5
MC-0415N	1/4"	1/2"	55.5	29.5	19.0
MC-0420N	1/4"	3/4"	55	29.3	19.0
MC-0610N	3/8"	1/4"	52.0	27.0	20.0
MC-0613N	3/8"	3/8"	56.0	35.0	14.0
MC-0615N	3/8"	1/2"	58.0	27.0	19.0
MC-0810N	1/2"	1/4"	54.0	29.0	13.0
MC-0813N	1/2"	3/8"	56.0	42.0	14.5
MC-0815N	1/2"	1/2"	68.0	42.0	19.0
MC-0820N	1/2"	3/4"	60.5	34.0	19.3
MC-0825N	1/2"	1"	65	34.5	24.0
MC-1215N	3/4"	1/2"	71.0	45.0	19.0
MC-1220N	3/4"	3/4"	71.3	45.0	19.3
MC-1225N	3/4"	1"	76.0	45.0	24.0
MC-1615N	1"	1/2"	77.0	50.5	19.3
MC-1620N	1"	3/4"	76.8	50.5	19.3
MC-1625N	1"	1"	81.5	50.5	24.0



PFA MALE ELBOW for Quartz

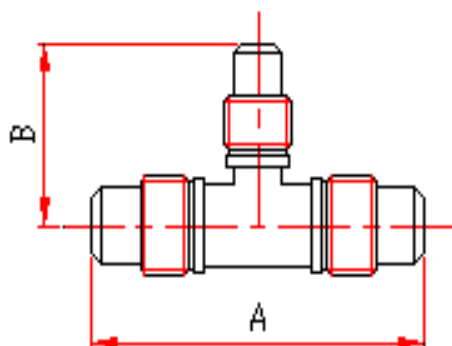
ORDERING NUMBER	TUBE SIZE	A (mm)	B (mm)
MEQ-1212	3/4"	60.0	48.5
MEQ-1616	1"	77.0	69.5

PFA FEMALE CONNECTOR



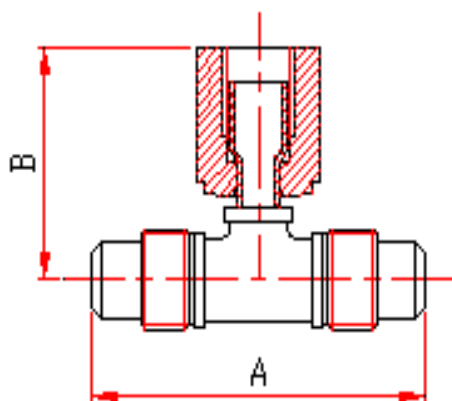
ORDERING NUMBER	TUBE SIZE	MALE NPT	L (mm)	A (mm)	B (mm)
FC-0415N	1/4"	1/2"	60.0	32.5	20.5
FC-0420N	1/4"	3/4"	60.0	32.5	20.5
FC-0425N	1/4"	1"	62.5	34.5	21.5
FC-0615N	3/8"	1/2"	62.5	35.0	20.5
FC-0620N	3/8"	3/4"	62.5	35.0	20.5
FC-0625N	3/8"	1"	62.5	34.5	21.5
FC-0815N	1/2"	1/2"	69.5	42.0	20.5
FC-0820N	1/2"	3/4"	69.5	42.0	20.5
FC-0825N	1/2"	1"	69.5	42.0	20.5
FC-1215N	3/4"	1/2"	72.5	45.0	20.5
FC-1220N	3/4"	3/4"	72.5	45.0	20.5
FC-1225N	3/4"	1"	72.5	45.0	20.5
FC-1615N	1"	1/2"	78.0	50.5	20.5
FC-1620N	1"	3/4"	78.0	50.5	20.5
FC-1625N	1"	1"	78.0	50.5	20.5

PFA UNION REDUCING TEE



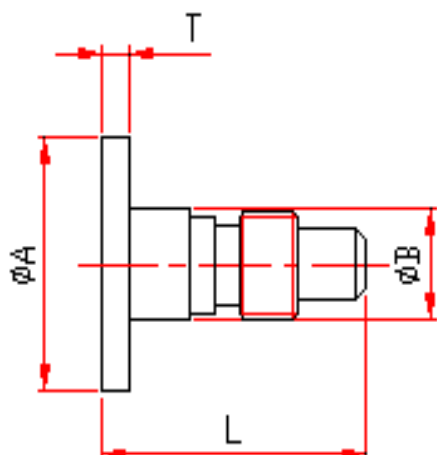
ORDERING NUMBER	TUBE SIZE	A (mm)	B (mm)
RT-0804	1/2"x1/4"x1/2"	97	45
RT-0806	1/2"x3/8"x1/2"	97	45
RT08-08-04	1/2"x1/2"x1/4"	97.5	48.8
RT-1204	3/4"x1/4"x3/4"	106	49
RT-1206	3/4"x3/8"x3/4"	106	53
RT-1208	3/4"x1/2"x3/4"	104	50
RT12-08-08	3/4"x1/2"x1/2"	100	48
RT12-12-04	3/4"x3/4"x1/4"	106.5	53.3
RT12-12-08	3/4"x3/4"x1/2"	106.5	53.3
RT-1608	1"x1/2"x1"	133	66.5
RT-1612	1"x3/4"x1"	133	66.5
RT16-04-16	1"x1/4"x1"	126.5	56.5
RT16-16-04	1"x1"x1/4"	126.5	63.3
RT16-16-08	1"x1"x1/2"	126.5	63.3
RT-2404	1 1/2"x 1/4" x 1 1/2"	162	65
RT-2412	1 1/2"x 3/4" x 1 1/2"	162	81
RT-2416	1 1/2"x 1" x 1 1/2"	162	81

PFA SPACE SAVER TEE



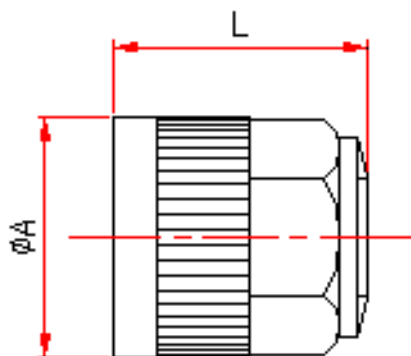
ORDERING NUMBER	TUBE SIZE	A (mm)	B (mm)
SST-04	1/4"	78	40
SST-06	3/8"	86	42
SST-08	1/2"	96	53
SST-12	3/4"	104	60
SST-16	1"	133	72
SST-12-08-12	1/2"x3/8"x1/2"	97.3	52
SST-12-08-12	3/4"x1/2"x3/4"	104	53
SST-16-08-16	1"x1/2"x1"	133	53
SST-16-12-16	1"x3/4"x1"	133	60

PFA UNION FLANGE ADAPTOR



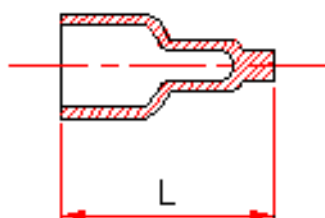
ORDERING NUMBER	TUBE SIZE	L (mm)	A (Φ)	B (Φ)	T (mm)
FA-08	1/2"	58	49	21.0	5
FA-12	3/4"	61	54	27.0	5
FA-16	1"	68	64	35.8	5
FA-24	1 1/2"	87	84	64	8
FA-2416	1 1/2"×1"	83	84	64	8

PFA NUT



ORDERING NUMBER	TUBE SIZE	L (mm)	A (mm)
UN-04	1/4"	26.0	22.0
UN-06	3/8"	26.0	24.0
UN-08	1/2"	34.0	30.0
UN-12	3/4"	37.5	38.5
UN-16	1"	42.0	50.5
UN-24	1 1/2"	62	78

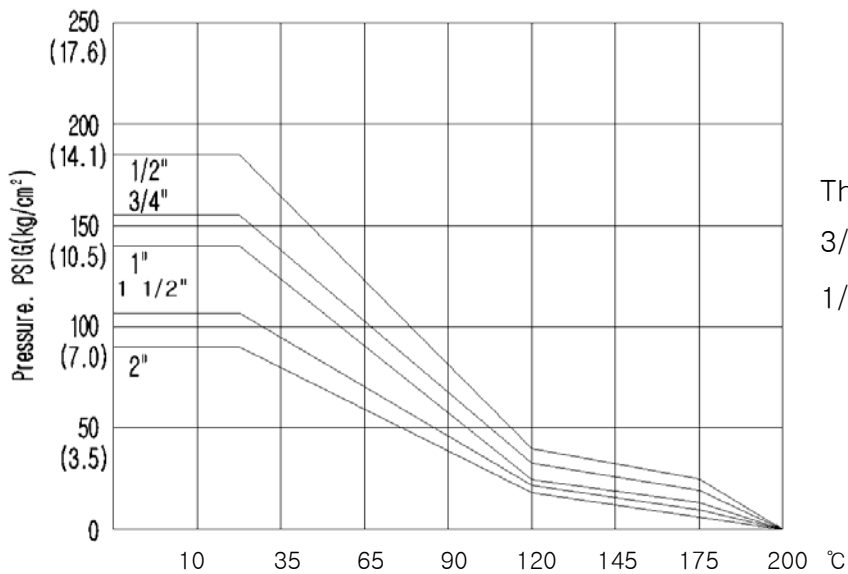
PFA END CAP



ORDERING NUMBER	TUBE SIZE	L (mm)
UC-04	1/4"	17
UC-06	3/8"	19
UC-08	1/2"	21
UC-12	3/4"	26
UC-16	1"	31
UC-24	1 1/2"	81.2

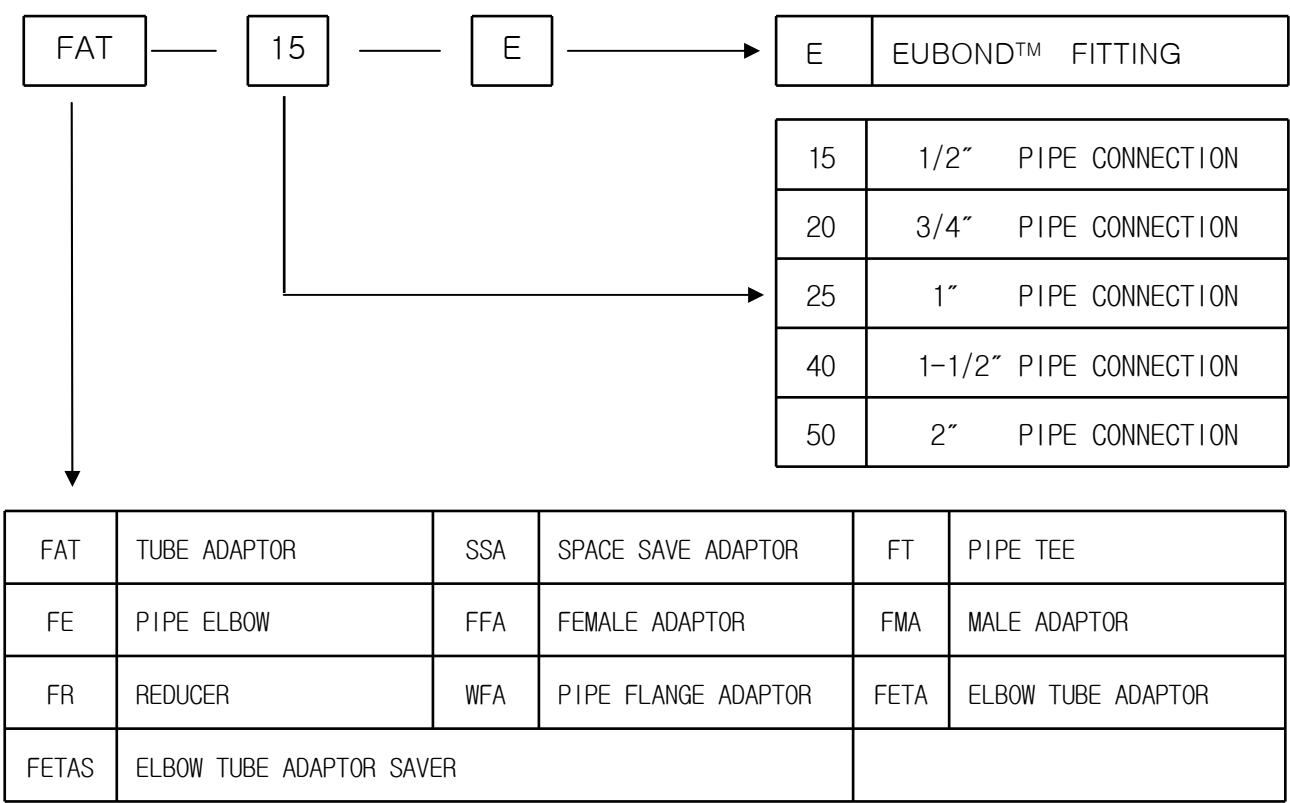
EUBOND™**PFA FUSIBLE PIPING PRODUCTS.**

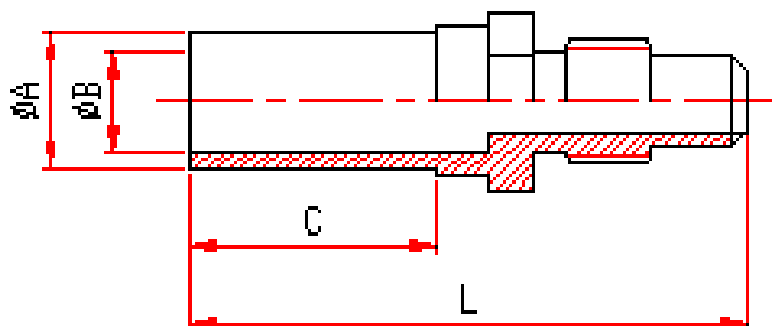
EUBOND™ fusible piping products give a rigid, leak-free piping system that suitable for high purity, high corrosive chemical handling applications in the Semiconductor, pharmacy, chemical and other industries where purity and corrosion resistance are necessary.



The pipe fittings are available in 1/2", 3/4", 1", 1 1/2" and 2" size, valves in 1/2", 3/4", and 1" size.

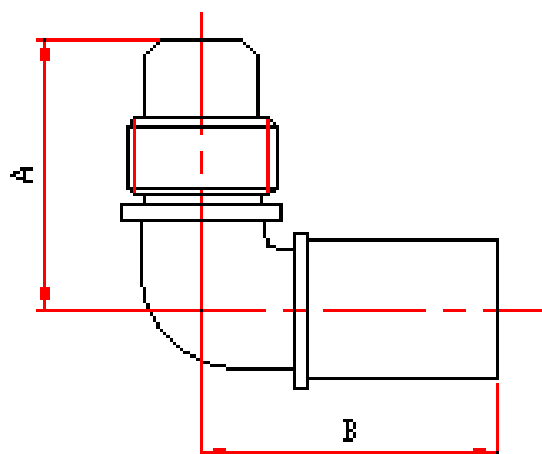
Ordering Number System





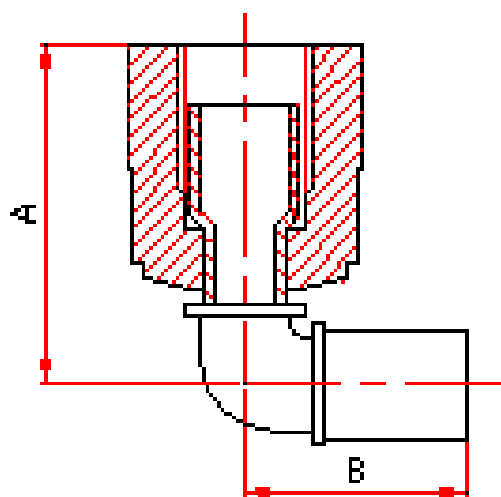
PFA TUBE ADAPTOR

ORDERING NUMBER	PIPE SIZE	TUBE SIZE	L (mm)	A (mm)	B (mm)	C (mm)
FAT-1504	1/2"	1/4"	82	21.34	15.42	38.1
FAT-1506	1/2"	3/8"	85	21.34	15.42	38.1
FAT-1508	1/2"	1/2"	86	21.34	15.42	38.1
FAT-1512	1/2"	3/4"	88	21.34	15.42	38.1
FAT-1516	1/2"	1"	95	21.34	15.42	38.1
FAT-2004	3/4"	1/4"	82	26.67	20.55	38.1
FAT-2006	3/4"	3/8"	85	26.67	20.55	38.1
FAT-2008	3/4"	1/2"	86	26.67	20.55	38.1
FAT-2012	3/4"	3/4"	88	26.67	20.55	38.1
FAT-2016	3/4"	1"	95	26.67	20.55	38.1
FAT-2504	1"	1/4"	82	33.40	26.26	38.1
FAT-2506	1"	3/8"	85	33.40	26.26	38.1
FAT-2508	1"	1/2"	86	33.40	26.26	38.1
FAT-2512	1"	3/4"	88	33.40	26.26	38.1
FAT-2516	1"	1"	95	33.40	26.26	38.1



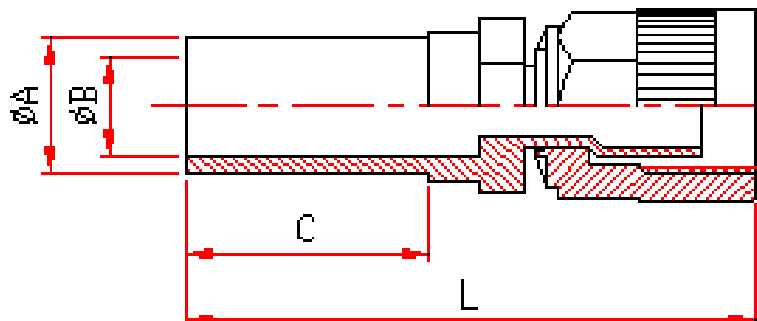
PFA ELBOW TUBE ADAPTOR

ORDERING NUMBER	PIPE SIZE	TUBE SIZE	A (mm)	B (mm)
ETA-1220	3/4"	3/4"	52.0	55.0
ETA-1225	3/4"	1"	52.0	55.0
ETA-1620	1"	3/4"	66.5	62.5
ETA-1625	1"	1"	66.5	62.5



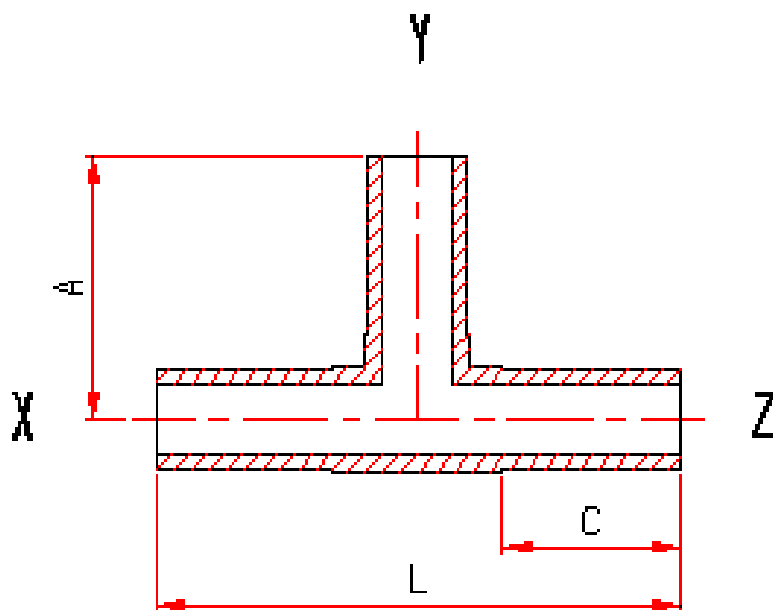
PFA ELBOW TUBE ADAPTOR SAVER

ORDERING NUMBER	PIPE SIZE	TUBE SIZE	A (mm)	B (mm)
ETAS-1220	3/4"	3/4"	60	55.0
ETAS-1225	3/4"	1"	60	55.0
ETAS-1620	1"	3/4"	72	62.5
ETAS-1625	1"	1"	72	62.5



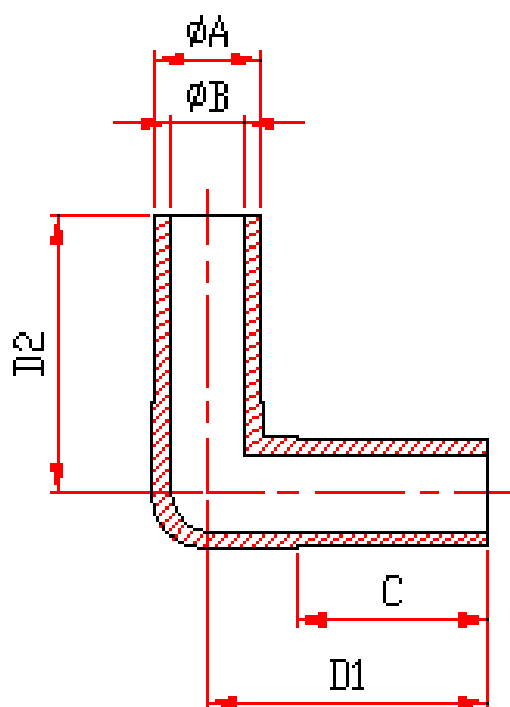
PFA SPACE SAVER ADAPTOR

ORDERING NUMBER	PIPE SIZE	TUBE SIZE	L (mm)	A (mm)	B (mm)	C (mm)
FSAT-1504	1/2"	1/4"	81	21.34	15.42	38.1
FSAT-1506	1/2"	3/8"	81	21.34	15.42	38.1
FSAT-1508	1/2"	1/2"	89	21.34	15.42	38.1
FSAT-1512	1/2"	3/4"	92.5	21.34	15.42	38.1
FSAT-1516	1/2"	1"	97	21.34	15.42	38.1
FSAT-2004	3/4"	1/4"	81	26.67	20.55	38.1
FSAT-2006	3/4"	3/8"	81	26.67	20.55	38.1
FSAT-2008	3/4"	1/2"	89	26.67	20.55	38.1
FSAT-2012	3/4"	3/4"	92.5	26.67	20.55	38.1
FSAT-2016	3/4"	1"	97	26.67	20.55	38.1
FSAT-2504	1"	1/4"	81	33.40	26.26	38.1
FSAT-2506	1"	3/8"	81	33.40	26.26	38.1
FSAT-2508	1"	1/2"	89	33.40	26.26	38.1
FSAT-2512	1"	3/4"	92.5	33.40	26.26	38.1
FSAT-2516	1"	1"	97	33.40	26.26	38.1



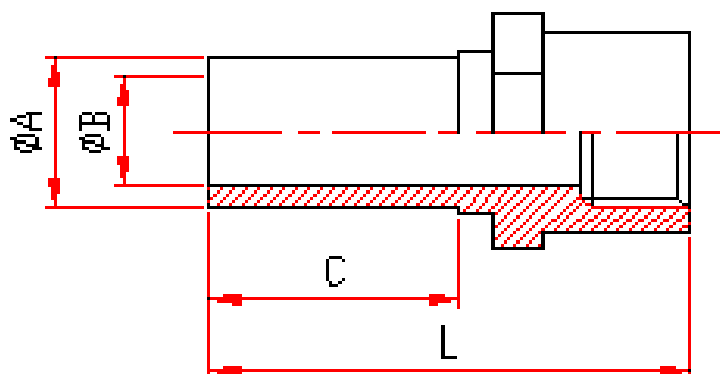
PFA PIPE TEE

ORDERING NUMBER	PIPE SIZE			C (mm)	A (mm)	L (mm)
	X	Y	Z			
FT-015	1/2"	1/2"	1/2"	38.1	56.40	112.80
FT-020	3/4"	3/4"	3/4"	38.1	58.70	117.40
FT-025	1"	1"	1"	38.1	62.50	125.00
FT-040	1-1/2"	1-1/2"	1-1/2"	38.1	73.00	146.00
FT-050	2"	2"	2"	38.1	83.82	167.64
FT-2015	3/4"	1/2 "	3/4"	20.0	40.00	80.00
FT20-20-15	3/4"	3/4"	1/2"	20.0	40.00	80.00
FT-2520	1"	3/4"	1"	38.1	62.50	125.00
FT-4020	1-1/2"	3/4"	1-1/2"	39.1	74.0	148.00
FT-4025	1-1/2"	1"	1-1/2"	39.1	74.0	148.00
FT-5020	2"	3/4"	2"	38.1	83.82	167.64
FT-5025	2"	1"	2"	38.1	83.82	167.64
FT-5040	2"	1-1/2"	2"	38.1	83.82	167.64



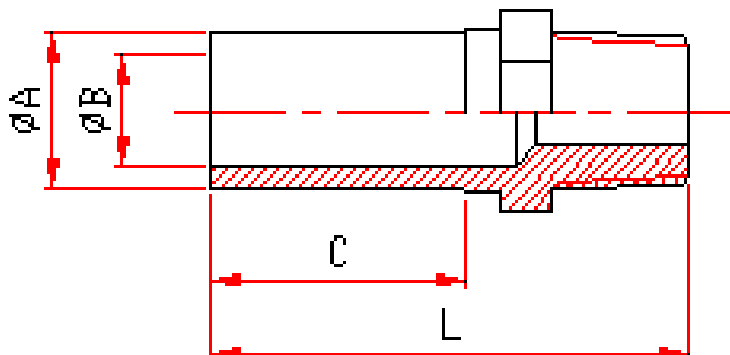
PFA PIPE ELBOW

ORDERING NUMBER	PIPE SIZE	A (mm)	B (mm)	C (mm)	D1 (mm)	D2 (mm)
FE-015	1/2"	21.34	15.42	38.1	56.40	56.40
FE-020	3/4"	26.67	20.55	38.1	58.70	58.70
FE-025	1"	33.40	26.26	38.1	62.50	62.50
FE-040	1-1/2"	48.26	40.90	38.1	73.00	73.00
FE-050	2"	60.33	52.12	38.1	83.82	83.82



PFA FEMALE PIPE ADAPTOR

ORDERING NUMBER	PIPE SIZE	MALE NPT	A (mm)	B (mm)	C (mm)	L (mm)
FFA-1515N	1/2"	1/2"	21.34	15.42	35	67.5
FFA-1520N	1/2"	3/4"	21.34	15.42	35	67.5
FFA-1525N	1/2"	1"	21.34	15.42	35	67.5
FFA-2015N	3/4"	1/2"	26.67	20.55	35	67.5
FFA-2020N	3/4"	3/4"	26.67	20.55	35	67.5
FFA-2025N	3/4"	1"	26.67	20.55	35	67.5
FFA-2515N	1"	1/2"	33.40	26.26	35	67.5
FFA-2520N	1"	3/4"	33.40	26.26	35	67.5
FFA-2525N	1"	1"	33.40	26.26	35	67.5



PFA MALE PIPE ADAPTOR

ORDERING NUMBER	PIPE SIZE	MALE NPT	A (mm)	B (mm)	C (mm)	L (mm)
FMA-1510N	1/2"	1/4"	21.34	15.42	35	67.5
FMA-1513N	1/2"	3/8"	21.34	15.42	35	67.5
FMA-1515N	1/2"	1/2"	21.34	15.42	35	67.5
FMA-1520N	1/2"	3/4"	21.34	15.42	35	67.5
FMA-1525N	1/2"	1"	21.34	15.42	35	67.5
FMA-2010N	3/4"	1/4"	26.67	20.55	35	67.5
FMA-2013N	3/4"	3/8"	26.67	20.55	35	67.5
FMA-2015N	3/4"	1/2"	26.67	20.55	35	67.5
FMA-2020N	3/4"	3/4"	26.67	20.55	35	67.5
FMA-2025N	3/4"	1"	26.67	20.55	35	67.5
FMA-2510N	1"	1/4"	33.40	26.26	35	67.5
FMA-2513N	1"	3/8"	33.40	26.26	35	67.5
FMA-2515N	1"	1/2"	33.40	26.26	35	67.5
FMA-2520N	1"	3/4"	33.40	26.26	35	67.5
FMA-2525N	1"	1"	33.40	26.26	35	67.5