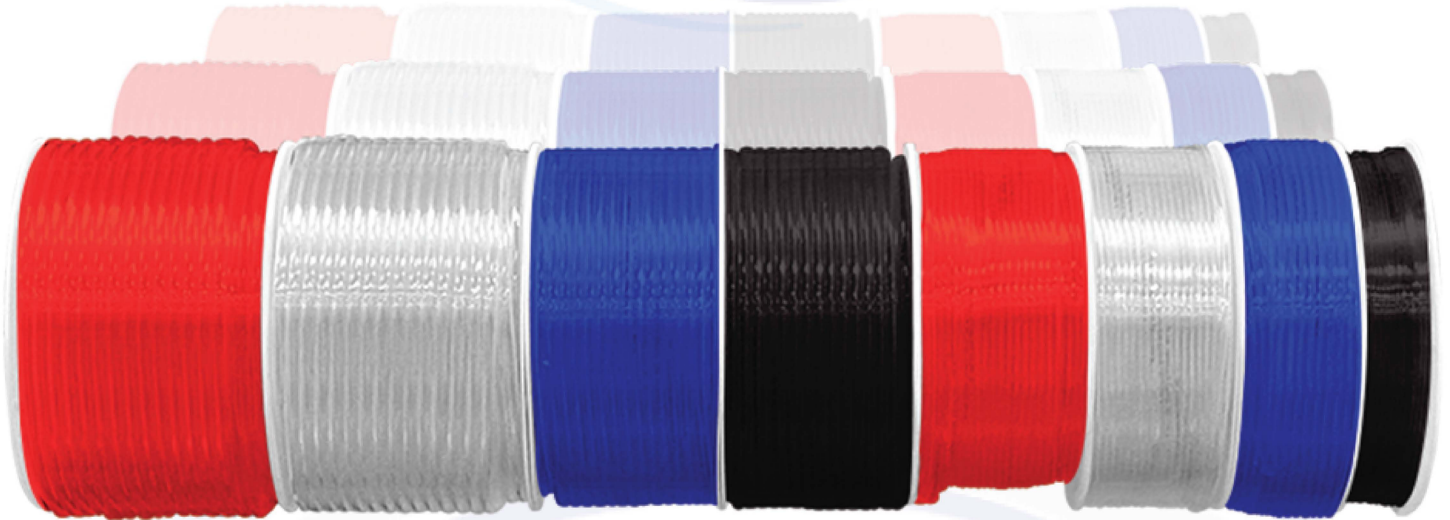


FLO-FLEX

PNEUMATICS



FITTINGS, TUBING, BALL VALVES & ACCESSORIES

TABLE OF CONTENTS



PUSH-IN FITTINGS
PG. 1-8



PUSH-IN FLOW CONTROLS
PG. 9-11



BRASS FITTINGS
PG. 12-22



BALL VALVES
PG. 23-24



POLYURETHANE TUBING
PG. 25-26



ACCESSORIES
PG. 27-28

ABOUT US



At Floflex, we provide trusted products and solutions to solve the intricate process or machinery needs of our customers. Our products are commonly used in automation, heating and cooling, food/beverage, medical and agricultural applications.

We specialize in creating solutions for our customers' unique needs. Our knowledgeable sales staff is always available to assist in choosing the best products for any application.

EXPERIENCE



With over 30 years of experience offering tubing and fitting solutions we pride ourselves on supplying customers with the highest quality products to meet their needs and improve productivity.

QUALITY



Consistency of excellence is our objective. Our products are made from the highest quality, industry proven materials. All products are also thoroughly tested before being packaged for shipment.

SERVICE



We have dedicated customer service agents and knowledgeable technical staff available to assist you. We understand that customers have different needs and we strive to provide exceptional service.

ONLINE RESOURCES

Get step files, data sheets and more on our website:

www.floflexinc.com.com

FloFlex products are currently available from:

The Pneumatic Store

The Pneumatic Store is the leading online expert for automation components and solutions. They offer online resources such as a knowledge center, CAD drawings, quote generator and more.

Go to www.ThePneumaticStore.com to get started.





SPECIFICATIONS	
MAX. OPERATING PRESSURE	150 PSI (10 BAR)
MAX. VACUUM	-29.5 IN. HG (-1 BAR)
OPERATING TEMP. RANGE	32 - 140° F (0-60° C) (NO FREEZING)
FLUID MEDIUM	AIR & WATER

When using with water, please follow these instructions:

1. Be sure to keep surge pressure lower than max. operating pressure.
2. Rated for tap water. Please consult us for use with other types of water.
3. When used with water, a tube insert must also be used.



HOW TO ORDER (EXAMPLE)

P	C	1/4	-	1/4NPT
PUSH-IN TUBE FITTING	(1) TYPE	(2) TUBE DIA.		(3) THREAD SIZE OR SECOND TUBE DIA.

(1) TYPE

CODE	TYPE
C	STRAIGHT
L	ELBOW
E	TEE
Y	"Y" FITTING

CODE	TYPE
U	UNION
G	REDUCING UNION
GJ	PLUG-IN REDUCER
M	BULKHEAD UNION

CODE	TYPE
MF	FEMALE BULKHEAD UNION
P	PLUG
PF	TUBING CAP
V	UNION ELBOW

(2) TUBE DIA.

INCH SIZES						METRIC SIZES				
CODE	5/32	1/4	5/16	3/8	1/2	4	6	8	10	12
SIZE (O.D.)	5/32"	1/4"	5/16"	3/8"	1/2"	4MM	6MM	8MM	10MM	12MM

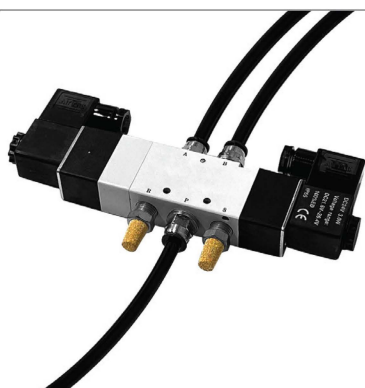
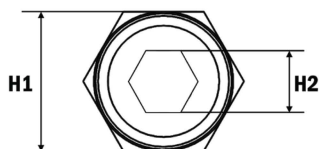
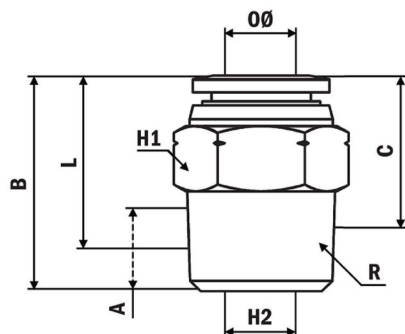
(3) THREAD SIZE OR SECOND TUBE DIA. (**NOT NEEDED FOR SAME PORT UNIONS OR PLUGS**)

NPT				METRIC			PT (R)			
CODE	1/8NPT	1/4NPT	3/8NPT	1/2NPT	M5	1/8PT	1/4PT	3/8PT	1/2PT	
SIZE	1/8" NPT	1/4" NPT	3/8" NPT	1/2" NPT	M5	1/8" PT	1/4" PT	3/8" PT	1/2" PT	

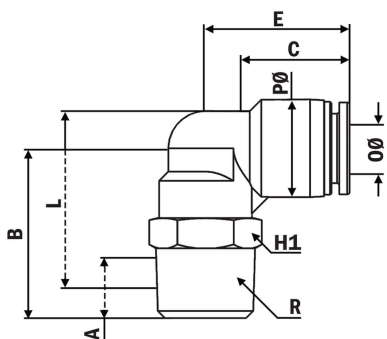
INCH SIZES						METRIC SIZES				
CODE	5/32	1/4	5/16	3/8	1/2	4	6	8	10	12
SIZE (O.D.)	5/32"	1/4"	5/16"	3/8"	1/2"	4MM	6MM	8MM	10MM	12MM



STRAIGHT



PART #	OØ TUBE	R	A	B	L	C	H1	H2			
INCH TUBE											
PC5/32-M5	5/32"	M5	0.18"	0.78"	0.61"	0.40"	12MM	N/A			
PC5/32-1/8NPT		1/8" NPT	0.27"					3MM			
PC5/32-1/4NPT		1/4" NPT	0.36"								
PC1/4-1/8NPT	1/4"	1/8" NPT	0.28"	0.81"	0.68"	0.60"	12MM	5MM			
PC1/4-1/4NPT		1/4" NPT	0.36"				14MM				
PC1/4-3/8NPT		3/8" NPT					17MM				
PC5/16-1/4NPT	5/16"	1/4" NPT	0.96"	0.72"	0.68"	14MM	6MM				
PC5/16-3/8NPT		3/8" NPT				0.86"		0.63"			
PC3/8-1/8NPT	3/8"	1/8" NPT	0.29"	1.11"	0.90"	0.76"	17MM	5MM			
PC3/8-1/4NPT		1/4" NPT	0.35"	1.21"	1.00"			6MM			
PC3/8-3/8NPT		3/8" NPT	0.41"	1.06"	0.85"			8MM			
PC3/8-1/2NPT	1/2" NPT	0.48"	1.02"	0.72"	21MM						
PC1/2-1/4NPT	1/2"	1/4" NPT	0.38"	1.29"		1.07"	0.88"	6MM			
PC1/2-3/8NPT		3/8" NPT		1.22"		1.00"		8MM			
PC1/2-1/2NPT		1/2" NPT	0.51"		0.92"						
METRIC TUBE											
PC4-M5	4MM	M5	0.14"	0.78"	0.66"	0.40"	12MM	N/A			
PC4-1/8PT		1/8" PT	0.30"		0.62"			3MM			
PC4-1/8NPT		1/8" NPT	0.27"								
PC4-1/4PT		1/4" PT	0.37"		0.53"				0.31"	14MM	
PC4-1/4NPT		1/4" NPT						0.36"			
PC6-M5	6MM	M5	0.14"	0.82"	0.65"	0.59"	12MM	N/A			
PC6-1/8PT		1/8" PT	0.29"					0.47"	5MM		
PC6-1/8NPT		1/8" NPT	0.26"								
PC6-1/4PT		1/4" PT	0.78"		0.57"	0.61"	14MM				
PC6-1/4NPT		1/4" NPT									
PC8-1/4PT	8MM	1/4" PT	0.37"	0.96"	0.72"	0.68"	17MM	6MM			
PC8-1/4NPT		1/4" NPT									
PC8-3/8PT		3/8" PT		0.87"	0.64"						
PC8-3/8NPT		3/8" NPT									
PC10-1/4PT	10MM	1/4" PT	0.40"	1.07"	0.84"	0.76"	21MM	8MM			
PC10-3/8PT		3/8" PT							0.50"	1.02"	0.74"
PC10-1/2PT		1/2" PT							0.40"	1.21"	0.95"
PC12-3/8PT	3/8" PT	0.52"	21MM								

ELBOW


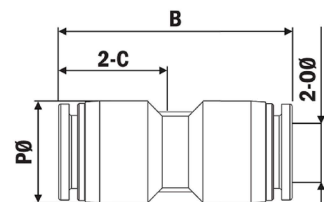
**Durable, Leak-Free,
Corrosion Resistant Design**



PART #	OØ TUBE	R	A	B	L	PØ	C	E	H1	
INCH TUBE										
PL5/32-M5	5/32"	M5	0.15"	0.82"	0.95"	0.43"	0.30"	0.64"	12MM	
PL5/32-1/8NPT		1/8" NPT	0.29"	0.95"					1.04"	14MM
PL5/32-1/4NPT		1/4" NPT	0.33"							
PL1/4-1/8NPT	1/4"	1/8" NPT	0.30"	1.04"	1.15"	0.50"	0.64"	0.73"	12MM	
PL1/4-1/4NPT		1/4" NPT	0.35"	1.13"	1.23"			0.64"	14MM	
PL1/4-3/8NPT		3/8" NPT	0.40"	1.17"	1.20"			0.75"	17MM	
PL5/16-1/4NPT	5/16"	1/4" NPT	0.36"	1.12"	1.22"	0.58"	0.76"	0.86"	14MM	
PL5/16-3/8NPT		3/8" NPT	0.42"	1.16"	1.29"			17MM		
PL3/8-1/8NPT	3/8"	1/8" NPT	0.28"	1.30"	1.48"	0.72"	0.83"		1.04"	
PL3/8-1/4NPT		1/4" NPT	0.35"	1.40"	1.58"					
PL3/8-3/8NPT		3/8" NPT	0.42"							
PL3/8-1/2NPT		1/2" NPT	0.50"	1.55"	1.63"					
PL1/2-1/4NPT	1/2"	1/4" NPT	0.38"	1.51"	1.73"	0.83"	0.95"	1.21"	21MM	
PL1/2-3/8NPT		3/8" NPT		1.76"						
PL1/2-1/2NPT		1/2" NPT	0.50"	1.65"	1.85"		0.83"			
METRIC TUBE										
PL4-M5	4MM	M5	0.15"	0.82"	0.96"	0.43"	0.30"	0.64"	12MM	
PL4-1/8PT		1/8" PT	0.29"	0.91"						
PL4-1/8NPT		1/8" NPT		0.94"						
PL4-1/4PT		1/4" PT	0.37"	0.99"						14MM
PL4-1/4NPT		1/4" NPT	0.33"	0.95"						
PL6-M5	6MM	M5	0.15"	0.85"	1.02"	0.51"	0.62"	0.72"	12MM	
PL6-1/8PT		1/8" PT	0.30"	0.94"						1.08"
PL6-1/8NPT		1/8" NPT		0.36"						1.00"
PL6-1/4PT		1/4" PT	1.12"							1.22"
PL6-1/4NPT		1/4" NPT								1.00"
PL8-1/4PT	8MM	1/4" PT	0.36"	1.12"	1.22"	0.57"	0.77"	0.86"	14MM	
PL8-1/4NPT		1/4" NPT		0.42"	1.19"					1.26"
PL8-3/8PT		3/8" PT	1.16"		1.29"					
PL8-3/8NPT		3/8" NPT		1.16"	1.29"					
PL10-1/4PT	10MM	1/4" PT	0.36"	1.31"	1.51"	0.73"	0.83"	1.05"	17MM	
PL10-3/8PT		3/8" PT	0.43"	1.34"						
PL10-1/2PT		1/2" PT	0.51"	1.50"				1.57"		21MM
PL12-3/8PT	12MM	3/8" PT	0.41"	1.41"	1.67"	0.83"	0.92"	1.15"		
PL12-1/2PT		1/2" PT	0.56"	1.24"	1.71"			21MM		

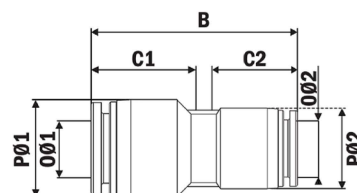


UNION

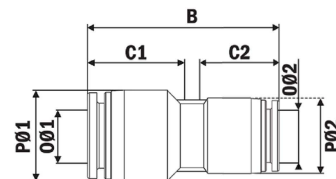


PART #	OØ TUBE	B	PØ	C
INCH TUBE				
PU5/32	5/32"	1.24"	0.42"	0.52"
PU1/4	1/4"	1.34"	0.50"	0.66"
PU5/16	5/16"	1.50"	0.57"	0.74"
PU3/8	3/8"	1.69"	0.71"	0.81"
PU1/2	1/2"	1.88"	0.83"	0.91"
METRIC TUBE				
PU4	4MM	1.24"	0.42"	0.52"
PU6	6MM	1.31"	0.50"	0.65"
PU8	8MM	1.50"	0.57"	0.74"
PU10	10MM	1.69"	0.71"	0.83"
PU12	12MM	1.85"	0.83"	0.90"

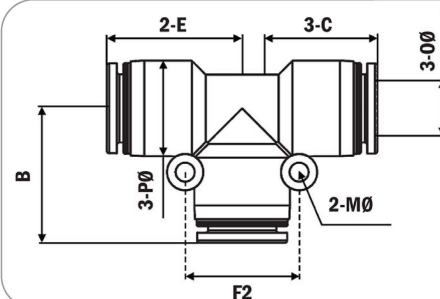
REDUCING UNION



PART #	OØ1 TUBE	OØ2 TUBE	B	PØ1	PØ2	C1	C2
INCH TUBE							
PG1/4-5/32	1/4"	5/32"	1.31"	0.50"	0.42"	0.67"	0.50"
PG3/8-1/4	3/8"	1/4"	1.66"	0.71"	0.56"	0.87"	0.64"
PG3/8-5/16	3/8"	5/16"	1.69"	0.73"	0.56"		0.75"
PG1/2-3/8	1/2"	3/8"	1.89"	0.84"	0.72"	0.95"	0.86"
METRIC TUBE							
PG6-4	6MM	4MM	1.31"	0.50"	0.42"	0.68"	0.52"
PG8-6	8MM	6MM	1.44"	0.58"	0.50"	0.75"	0.64"
PG10-8	10MM	8MM	1.70"	0.72"	0.57"	0.87"	0.76"
PG12-8	12MM	8MM	1.87"	0.84"	0.72"	0.94"	
PG12-10	12MM	10MM					0.87"

ADAPTER UNION - INCH TO METRIC TUBE


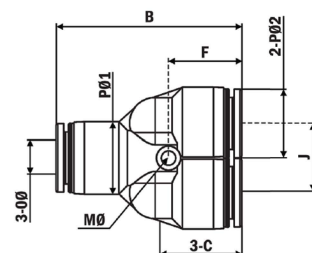
PART #	ØØ1 TUBE	ØØ2 TUBE	B	PØ1	PØ2	C1	C2
PG1/4-4	1/4"	4MM	1.32"	0.50"	0.42"	0.66"	0.50"
PG1/4-6		6MM			0.50"		0.65"
PG3/8-8	3/8"	8MM	1.69"	0.72"	0.58"	0.86"	0.75"
PG3/8-10		10MM			0.71"	1.33"	0.82"
PG1/2-12	1/2"	12MM	1.86"	0.83"	0.83"	0.90"	0.90"

UNION TEE


PART #	OØ TUBE	PØ	C	E	MØ	F2	B
INCH TUBE							
PE5/32	5/32"	0.43"	0.54"	0.68"	0.13"	0.52"	0.72"
PE1/4	1/4"	0.50"	0.63"	0.77"		0.60"	
PE5/16	5/16"	0.58"	0.74"	0.89"	0.17"	0.67"	0.88"
PE3/8	3/8"	0.72"	0.82"	0.98"		0.82"	1.00"
PE1/2	1/2"	0.84"	0.94"	1.18"		1.00"	1.18"
METRIC TUBE							
PE4	4MM	0.43"	0.54"	0.68"	0.13"	0.52"	0.72"
PE6	6MM	0.50"	0.63"	0.76"		0.60"	
PE8	8MM	0.58"	0.74"	0.89"	0.17"	0.67"	0.88"
PE10	10MM	0.72"	0.83"	1.04"		0.83"	0.97"
PE12	12MM	0.84"	0.94"	1.18"		1.00"	1.18"

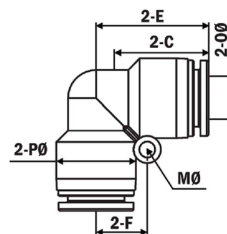


UNION "Y"

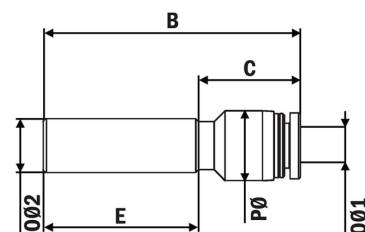


PART #	OØ TUBE	B	PØ1	PØ2	C	J	MØ	F
INCH TUBE								
PY5/32	5/32"	1.34"	0.42"	0.38"	0.42"	0.44"	0.13"	0.75"
PY1/4	1/4"	1.43"	0.48"	0.45"	0.62"	0.48"		0.54"
PY5/16	5/16"	1.66"	0.56"		0.75"	0.54"		0.97"
PY3/8	3/8"	1.91"	0.70"	0.72"	0.82"	0.68"	0.17"	0.72"
PY1/2	1/2"	2.16"	0.82"	0.84"	0.96"	0.77"		0.82"
METRIC TUBE								
PY4	4MM	1.34"	0.42"	0.38"	0.42"	0.44"	0.13"	0.75"
PY6	6MM	1.43"	0.49"	0.45"	0.63"	0.49"		0.57"
PY8	8MM	1.66"	0.56"		0.75"	0.54"		0.97"
PY10	10MM	1.92"	0.69"	0.67"	0.82"	0.70"	0.17"	1.10"
PY12	12MM	2.14"	0.81"	0.79"	0.95"	0.79"		1.25"

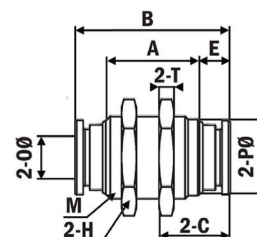
UNION ELBOW



PART #	OØ TUBE	PØ	C	E	MØ	F
INCH TUBE						
PV5/32	5/32"	0.43"	0.35"	0.72"	0.13"	0.33"
PV1/4	1/4"	0.52"	0.63"	0.75"		
PV5/16	5/16"	0.58"	0.74"	0.90"	0.17"	
PV3/8	3/8"	0.72"	0.82"	1.04"		0.55"
PV1/2	1/2"	0.83"	0.95"	1.19"		
METRIC TUBE						
PV4	4MM	0.43"	0.35"	0.73"	0.13"	0.33"
PV6	6MM	0.50"	0.61"			
PV8	8MM	0.58"	0.74"	0.90"		
PV10	10MM	0.72"	0.77"	1.04"	0.17"	0.42"
PV12	12MM	0.83"	0.94"	1.20"		0.48"

PLUG-IN REDUCER


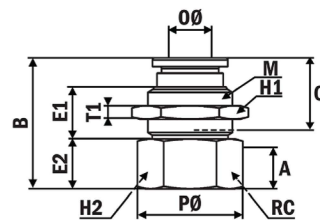
PART #	OØ1 TUBE	OØ2 TUBE	B	PØ	E	C
INCH TUBE						
PGJ3/8-1/4	1/4"	3/8"	1.82"	0.57"	1.04"	0.63"
PGJ1/2-3/8	3/8"	1/2"	2.07"	0.72"	1.14"	0.83"
METRIC TUBE						
PGJ6-4	4MM	6MM	1.54"	0.43"	0.84"	0.46"
PGJ8-6	6MM	8MM	1.63"	0.50"	0.92"	0.62"
PGJ10-8	8MM	10MM	1.85"	0.59"	1.02"	0.74"
PGJ12-8		12MM	2.05"	0.71"	1.11"	
PGJ12-10	10MM					0.82"

BULKHEAD UNION


PART #	OØ TUBE	M	B	E	A	PØ	C	H	T
INCH TUBE									
PM5/32	5/32"	M12 X 1	1.20"	0.16"	0.53"	0.39"	0.55"	14MM	0.13"
PM1/4	1/4"	M14 X 1	1.27"	0.22"	0.60"	0.47"	0.60"	17MM	
PM5/16	5/16"	M16 X 1	1.38"		0.63"	0.55"	0.67"	19MM	
PM3/8	3/8"	M20 X 1	1.56"	0.50"	0.73"	0.66"	0.74"	24MM	0.17"
PM1/2	1/2"	M22 X 1	1.62"	0.40"	0.84"	0.76"	0.82"	27MM	
METRIC TUBE									
PM4	4MM	M12 X 1	1.20"	0.16"	0.53"	0.39"	0.56"	14MM	0.13"
PM6	6MM	M14 X 1	1.26"	0.22"	0.62"	0.48"		17MM	
PM8	8MM	M16 X 1	1.38"			0.55"		0.67"	
PM10	10MM	M20 X 1	1.59"	0.26"	0.78"	0.66"	0.75"	24MM	0.17"
PM12	12MM	M22 X 1	1.64"	0.35"	0.85"	0.73"	0.81"	27MM	

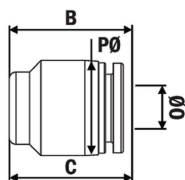


FEMALE BULKHEAD UNION



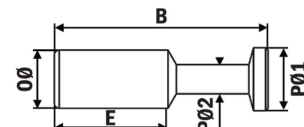
PART #	OØ TUBE	RC	M	B	E1	E2	A	C	PØ	H1	H2	T1
INCH TUBE												
PMF1/4-1/4NPT	1/4"	1/4" NPT	M14 X 1	1.09"	0.48"		0.43"	0.61"	0.76"	17MM		0.14"
PMF5/16-1/4NPT	5/16"		M16 X 1	1.21"	0.72"	0.48"		0.67"	0.84"	19MM		
PMF3/8-3/8NPT	3/8"	3/8" NPT	M20 X 1	1.29"	0.53"	0.60"	0.47"	0.75"	1.08"	24MM		0.17"
PMF1/2-1/2NPT	1/2"	1/2" NPT	M22 X 1	1.34"	0.65"	0.51"		0.83"				
METRIC TUBE												
PMF4-1/8PT	4MM	1/8" PT (R)	M12 X 1	0.95"	0.44"	0.38"	0.31"	0.27"	0.62"	13MM		0.14"
PMF4-1/4PT		1/4" PT (R)		1.01"	0.56"	0.48"	0.42"	0.67"	0.85"	17MM		
PMF6-1/4PT	6MM		M14 X 1	1.08"	0.45"			0.59"	0.76"			
PMF8-1/4PT	8MM	1/4" PT (R)	M16 X 1	1.21"	0.72"		0.44"	0.67"	0.84"	19MM		
PMF8-1/4NPT		1/4" NPT										
PMF10-3/8PT	10MM	3/8" PT (R)	M20 X 1	1.30"	0.45"	0.60"	0.47"	0.77"	0.94"			
PMF12-1/2PT	12MM	1/2" PT (R)	M22 X 1	1.34"	0.84"	0.52"	0.50"	0.83"		19MM	22MM	

TUBING CAP



PART #	Ø TUBE	PØ	B	C
INCH TUBE				
PPF5/32	5/32"	0.42"	0.66"	0.61"
PPF1/4	1/4"	0.51"	0.70"	
PPF5/16	5/16"	0.57"	0.78"	0.72"
PPF3/8	3/8"	0.71"	0.93"	0.82"
PPF1/2	1/2"	0.83"	1.00"	0.91"
METRIC TUBE				
PPF4	4MM	0.42"	0.66"	0.61"
PPF6	6MM	0.51"	0.69"	
PPF8	8MM	0.57"	0.78"	0.72"
PPF10	10MM	0.71"	0.94"	0.82"
PPF12	12MM	0.83"	1.00"	0.91"

PLUG



PART #	Ø	B	E	PØ1	PØ2
INCH TUBE					
PP5/32	5/32"	1.08"	0.55"	0.19"	0.12"
PP1/4	1/4"	1.30"	0.60"	0.27"	
PP5/16	5/16"	1.40"	0.70"	0.34"	0.20"
PP3/8	3/8"	1.63"	0.72"	0.42"	
PP1/2	1/2"	1.71"	0.82"	0.23"	0.50"
METRIC TUBE					
PP4	4MM	1.08"	0.55"	0.19"	0.12"
PP6	6MM	1.25"	0.65"	0.27"	0.17"
PP8	8MM	1.40"	0.70"	0.34"	0.20"
PP10	10MM	1.64"	0.75"	0.42"	
PP12	12MM	1.71"	0.85"	0.50"	0.23"



SPECIFICATIONS		
	ELBOW	IN-LINE STRAIGHT
MAX. OPERATING PRESSURE RANGE	14.5 - 130 PSI (1 - 9 BAR)	7.25 - 145 PSI (0.5 - 10 BAR)
OPERATING TEMP. RANGE	32 - 140° F (0 - 60° C) (NO FREEZING)	
CHECK VALVE CRACKING PRESSURE	7.25 PSI (0.05 BAR)	
FLUID MEDIUM	AIR	

HOW TO ORDER (EXAMPLE)

JSC	1/4	-	1/4NPT
(1) TYPE	(2) TUBE DIA.		(3) THREAD SIZE OR SECOND TUBE DIA.

(1) TYPE

CODE	TYPE
JSC	ELBOW
PA	INLINE

(2) TUBE DIA.

INCH SIZES						METRIC SIZES				
CODE	5/32	1/4	5/16	3/8	1/2	4	6	8	10	12
SIZE (O.D.)	5/32"	1/4"	5/16"	3/8"	1/2"	4MM	6MM	8MM	10MM	12MM

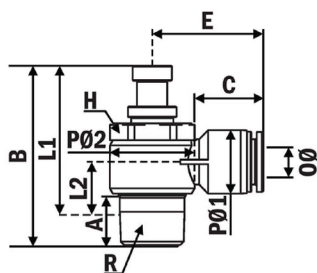
(3) THREAD SIZE OR SECOND TUBE DIA. (**NOT NEEDED FOR INLINE FLOW CONTROLS**)

NPT				METRIC		PT (R)			
CODE	1/8NPT	1/4NPT	3/8NPT	1/2NPT	M5	1/8PT	1/4PT	3/8PT	1/2PT
SIZE	1/8 NPT	1/4 NPT	3/8 NPT	1/2 NPT	M5	1/8 PT	1/4 PT	3/8 PT	1/2 PT

INCH SIZES						METRIC SIZES				
CODE	5/32	1/4	5/16	3/8	1/2	4	6	8	10	12
SIZE (O.D.)	5/32"	1/4"	5/16"	3/8"	1/2"	4MM	6MM	8MM	10MM	12MM



90° ELBOW - METER OUT



Durable, Leak-Free, Corrosion Resistant Design



To Install:

Firmly Press Tube
Straight into Fitting

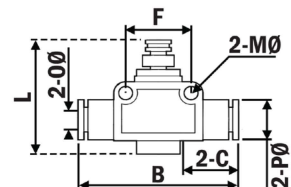


To Remove:

Press Collet in
Pull Firmly on Tube



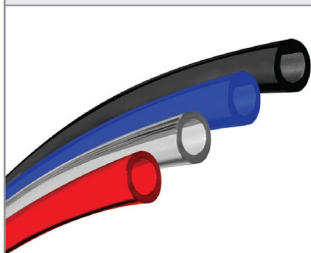
PART #	OØ TUBE	R	A	B	PØ	C	E	H
INCH TUBE								
JSC5/32-M5	5/32"	M5	0.15"	1.22"	0.42"	0.60"	0.75"	8MM
JSC5/32-1/8NPT		1/8" NPT	0.35"	1.56"	0.51"		0.86"	12MM
JSC1/4-M5	1/4"	M5	0.15"	1.22"		0.69"	0.90"	8MM
JSC1/4-1/8NPT		1/8" NPT	0.30"	1.63"			12MM	
JSC1/4-1/4NPT		1/4" NPT	0.49"	2.00"			14MM	
JSC1/4-3/8NPT		3/8" NPT	0.50"	2.26"	17MM			
JSC5/16-1/8NPT	5/16"	1/8" NPT	0.28"	1.63"	0.58"	0.72"	12MM	
JSC5/16-1/4NPT		1/4" NPT	0.49"	1.98"	0.71"		14MM	
JSC5/16-3/8NPT		3/8" NPT		2.26"	0.57'	0.76"	1.10"	19MM
JSC3/8-1/4NPT	3/8"	1/4" NPT	0.42"	1.99"	0.72"	0.81"	1.21"	14MM
JSC3/8-3/8NPT		3/8" NPT	0.50"	2.26"			19MM	
JSC1/2-1/2NPT	1/2"	1/2" NPT	0.67"	2.53"	1.08"	0.97"	1.50"	24MM
METRIC TUBE								
JSC4-M5	4MM	M5	0.15"	1.22"	0.42"	0.60"	0.75"	8MM
JSC4-1/8PT		1/8" PT	0.32"	1.62"			0.85"	12MM
JSC4-1/8NPT		1/8" NPT						
JSC6-M5	6MM	M5	0.15"	1.20"	0.51"	0.69"		0.94"
JSC6-1/8PT		1/8" PT	0.29"	1.63"		0.64"	12MM	
JSC6-1/8NPT		1/8" NPT						
JSC6-1/4PT		1/4" PT	0.40"	1.97"			14MM	
JSC6-1/4NPT		1/4" NPT						
JSC8-1/8PT	8MM	1/8" PT	0.29"	1.63"	0.58"	0.72"	0.94"	12MM
JSC8-1/8NPT		1/8" NPT						
JSC8-1/4PT		1/4" PT	0.48"	1.98"	0.71"	0.66"	14MM	
JSC8-1/4NPT		1/4" NPT						
JSC8-3/8PT		3/8" PT		2.26"	0.58"	0.74"	1.10"	19MM
JSC8-3/8NPT		3/8" NPT						
JSC10-1/4PT	10MM	1/4" PT	0.42"	2.00"	0.72"	0.81"	1.20"	14MM
JSC10-3/8PT		3/8" PT	0.50"	2.26"			1.25"	19MM
JSC12-3/8PT	12MM	3/8" PT				0.82"	0.94"	
JSC12-1/2PT		1/2" PT	0.60"	2.52"	0.53"			24MM

INLINE


PART #	OØ TUBE	B	L	C	F	PØ	MØ
INCH TUBE							
PA1/4	1/4"	1.82"	1.66"	0.65"	0.74"	0.46"	0.17"
PA5/16	5/16"	2.00"	1.78"	0.78"	0.78"	0.54"	
PA3/8	3/8"	2.37"	2.00"		0.94"	0.68"	
PA1/2	1/2"	2.49"	1.95"	1.00"		0.76"	
METRIC TUBE							
PA6	6MM	1.82"	1.55"	0.65"	0.77"	0.46"	0.17"
PA8	8MM	2.00"	1.78"	0.78"	0.78"	0.54"	
PA10	10MM	2.38"	1.93"		0.92"	0.68"	
PA12	12MM	2.53"	2.02"	0.86"		0.76"	

PUSH-IN TUBE CONNECTIONS
WHAT YOU SHOULD KNOW

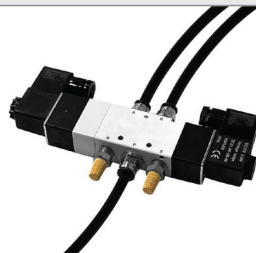
When selecting push-in fittings for industrial automation equipment applications, only a few things are needed



Make sure you are using tubing that is the appropriate material to use with push in fittings. The tubing most often used in machine building applications is Polyurethane with a Shore scale hardness of 95A, Nylon with a Rockwell scale hardness of 78R or Polyethylene with a shore scale hardness of 50D or 98A.



Make sure you select the correct size tube that gives the proper amount of flow and is also compatible with available push in tube port sizes.



When making airline connections between your pneumatic components make sure you properly identify the port sizes that thread types. This information can often be found in the manufacturers catalog or website.



Match that port size to the available thread size/type of the push-in fitting. If the port size is larger than available push-in fitting thread sizes a reducing bushing (see page 15) may be required to make the connection.

If you are unsure of any of this information, feel free to contact us for help.



SPECIFICATIONS	
MAX. OPERATING PRESSURE	250 PSI (17 BAR)
OPERATING TEMP. RANGE	- 65 - 250° F (-53 - 121° C)
MATERIAL	C37700 BRASS ALLOY
FLUID MEDIUM	AIR/VACUUM, GAS, STEAM, NON-POTABLE WATER, & CHEMICALS
*CONTACT US FOR CHEMICAL COMPATIBILITY	

NPT THREAD DIMENSIONS			
NOMINAL PIPE SIZE (INCH)	NO. OF THREADS PER INCH	A	
		INCH	MM
1/8" NPT	27	0.41	10.29
1/4" NPT	18	0.54	13.72
3/8" NPT		0.68	17.15
1/2" NPT	14	0.84	21.34
3/4" NPT		1.05	26.67

HOW TO ORDER (EXAMPLE)

110	-	N2	-	N3
(1)		(2)		(3)
TYPE		THREAD SIZE 1		THREAD SIZE 2*

(1) TYPE

SERIES CODE	TYPE
100	NPT FEMALE ELBOW
101	NPT FEMALE TEE
103	NPT FEMALE COUPLING
109	NPT COUNTER-SUNK PLUG
110	NPT HEX BUSHING
112	NPT CLOSE NIPPLE

SERIES CODE	TYPE
116	NPT STREET ELBOW
119	NPT REDUCING COUPLING
120	NPT SHORT EXTENSION NPT REDUCING ADAPTER FNPT X MBSPT ADAPTER FBSP X MNPT ADAPTER

SERIES CODE	TYPE
122	NPT HEX NIPPLE OR BSPT HEX NIPPLE
123	NPT REDUCING HEX NIPPLE
124	45° NPT STREET ELBOW
127	NPT STREET TEE
129	NPT BULKHEAD

(2) THREAD 1

NPT THREADS						BSPT THREADS				
CODE	N1	N2	N3	N4	N5	PT1	PT2	PT3	PT4	PT5
THREAD	1/8" NPT	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1/8" BSPT	1/4" BSPT	3/8" BSPT	1/2" BSPT	3/4" BSPT

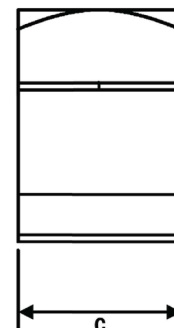
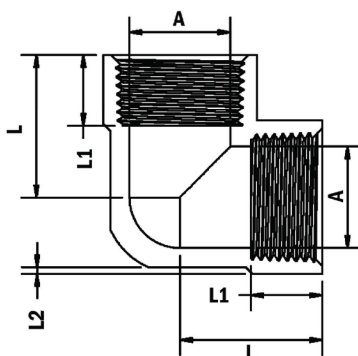
BSPP (G) THREADS					
CODE	G1	G2	G3	G4	G5
THREAD	1/8" BSPP (G)	1/4" BSPP (G)	3/8" BSPP (G)	1/2" BSPP (G)	3/4" BSPP (G)

(3) THREAD 2

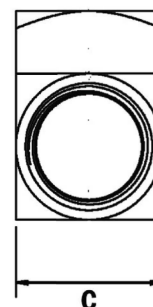
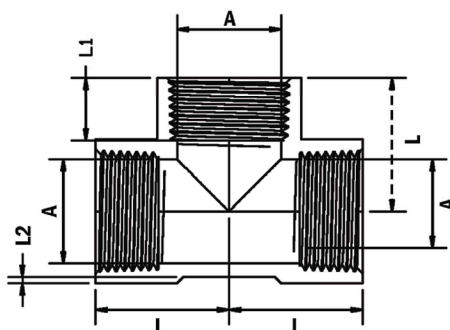
(*THREAD 2 DOES NOT APPLY TO ALL FITTINGS)

NPT THREADS						BSPT THREADS				
CODE	N1	N2	N3	N4	N5	PT1	PT2	PT3	PT4	PT5
THREAD	1/8" NPT	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1/8" BSPT	1/4" BSPT	3/8" BSPT	1/2" BSPT	3/4" BSPT

*CERTAIN THREADS MAY NOT BE AVAILABLE WITH SOME FITTINGS. CHECK FITTING CHARTS FOR MORE INFORMATION

NPT FEMALE ELBOW


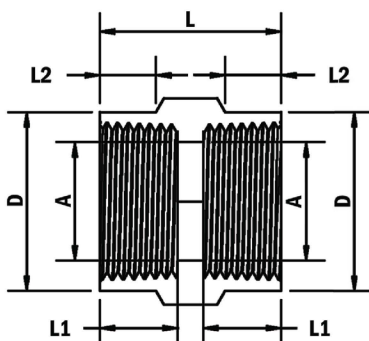
PART #	A	C	L	L1	L2
100-N1	1/8" FNPT	9/16"	0.59"	0.37"	0.07"
100-N2	1/4" FNPT	3/4"	0.73"	0.44"	
100-N3	3/8" FNPT	7/8"	0.80"		
100-N4	1/2" FNPT	1"	0.98"	0.57"	
100-N5	3/4" FNPT	1 1/4"	1.16"	0.62"	

NPT FEMALE TEE


PART #	A	C	L	L1	L2
101-N1	1/8" FNPT	9/16"	0.59"	0.35"	0.07"
101-N2	1/4" FNPT	3/4"	0.73"	0.44"	
101-N3	3/8" FNPT	7/8"	0.80"		
101-N4	1/2" FNPT	1"	0.98"	0.57"	
101-N5	3/4" FNPT	1 1/4"	1.16"	0.62"	

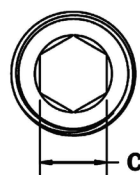
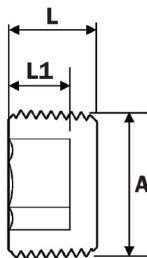


NPT FEMALE COUPLING

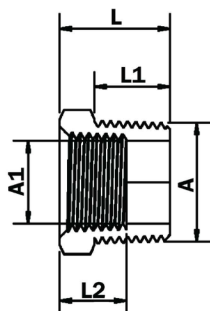


PART #	A	C	L	L1	L2	D
103-N1	1/8" FNPT	1/2"	0.75"	0.30"	0.25"	0.49"
103-N2	1/4" FNPT	5/8"	0.88"	0.38"	0.31"	0.60"
103-N3	3/8" FNPT	3/4"	1.00"	0.47"	0.38"	0.80"
103-N4	1/2" FNPT	1"	1.19"	0.57"		0.93"
103-N5	3/4" FNPT	1 1/4"	1.22"			1.23"

NPT COUNTER-SUNK PLUG



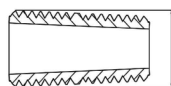
PART #	A	C	L	L1
109-N1	1/8" NPT	3/16"	0.28"	0.20"
109-N2	1/4" NPT	1/4"	0.40"	0.30"
109-N3	3/8" NPT	9/32"		
109-N4	1/2" NPT	5/16"	0.53"	0.42"
109-N5	3/4" NPT	9/16"	0.55"	

NPT HEX BUSHING


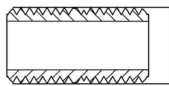
PART #	A	A1	C	L	L1	L2
110-N1-N2	1/4" MNPT	1/8" FNPT	9/16"	0.63"	0.44"	0.34"
110-N1-N3	3/8" MNPT		11/16"	0.72"	0.52"	0.40"
110-N1-N4	1/2" MNPT		7/8"	0.81"	0.56"	0.44"
110-N1-N5	3/4" MNPT		1"	0.94"	0.63"	0.34"
110-N2-N3	3/8" MNPT	1/4" FNPT	11/16"	0.72"	0.52"	0.56"
110-N2-N4	1/2" MNPT		7/8"	0.81"	0.59"	0.50"
110-N2-N5	3/4" MNPT		1"	0.94"	0.62"	
110-N3-N4	1/2" MNPT	3/8" FNPT	7/8"	0.81"	0.56"	0.63"
110-N3-N5	3/4" MNPT		1"	0.94"	0.62"	
110-N4-N5		1/2" FNPT				0.75"

THREAD SEALANTS
WHEN DO I NEED THEM? WHAT KIND SHOULD I USE?

What to look for when determining if you should use thread sealant or not



TAPERED



STRAIGHT


Are the threads tapered or straight?

Tapered threads (such as NPT or PT) are designed to create a tight seal as they are tightened. However, thread sealant or tape is still recommended to provide the best seal possible.

Straight threads (such as BSPP/G) usually come with or are designed to be used with a sealing ring which creates the seal when tightened. Thread sealant or tape is usually not required for these connections.

If needed, what kind should I use?

For tapered threads being used in compressed air situations:

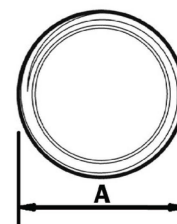
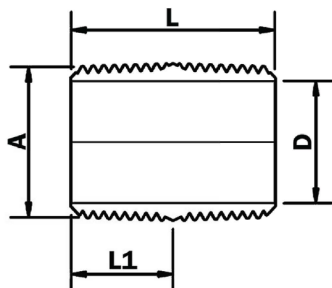
Sealant tape (such as our TEFLON-TAPE) works great for compressed air and will also work where water is present (drip legs or other air lines with high moisture content). Liquid sealants (such as Loctite # 545 or Loctite # 567) can also work well but some are not rated for high moisture situations. Please reference the manufacturer specifications before using.

If you are unsure of any of this information, feel free to contact us for help.



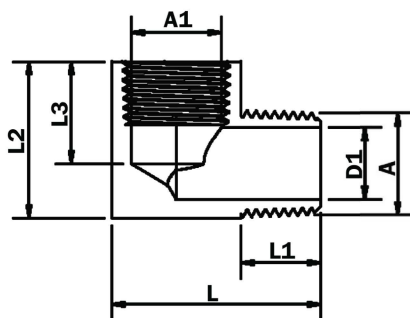
112 & 116 SERIES BRASS FITTINGS

NPT CLOSE NIPPLE

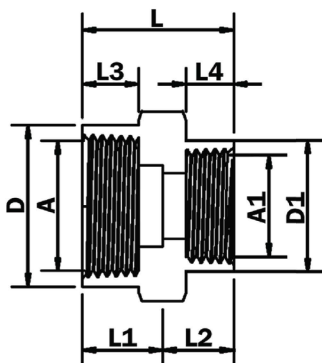


PART #	A	D	L	L1
112-N1	1/8" MNPT	0.28"	0.79"	0.39"
112-N2	1/4" MNPT	0.37"	0.91"	0.45"
112-N3	3/8" MNPT	0.50"	0.98"	0.49"
112-N4	1/2" MNPT	0.63"	1.18"	0.59"
112-N5	3/4" MNPT	0.82"	1.26"	0.63"

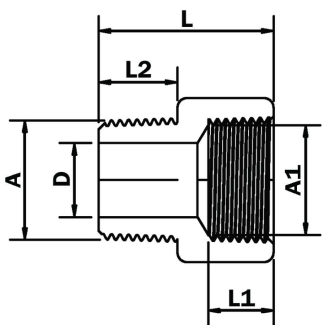
NPT STREET ELBOW



PART #	A	A1	L	L1	L2	L3	D	D1	C
116-N1	1/8" MNPT	1/8" FNPT	0.82"	0.32"	0.54"	0.32"	0.44"	0.21"	1/2"
116-N2	1/4" MNPT	1/4" FNPT	1.13"	0.44"	0.76"	0.54"	0.57"	0.27"	11/16"
116-N3	3/8" MNPT	3/8" FNPT	1.42"	0.55"	0.83"	0.57"	0.71"	0.37"	7/8"
116-N4	1/2" MNPT	1/2" FNPT	1.61"	0.62"	1.12"	0.81"	0.90"	0.51"	1"
116-N5	3/4" MNPT	3/4" FNPT	2.00"	0.75"	1.47"	0.75"	1.08"	0.75"	1 1/4"

NPT REDUCING COUPLING


PART #	A	A1	C	L	L1	L2	D	D1	L3	L4
119-N1-N2	1/4-18 FNPT	1/8-27 FNPT	5/8"	1.00"	0.45"	0.43"	0.60"	0.50"	0.37"	0.37"
119-N1-N3	3/8-18 FNPT		13/16"	0.94"	0.56"	0.38"	0.80"	0.56"	0.44"	0.25"
119-N1-N4	1/2-14 FNPT		15/16"	1.19"	0.75"	0.44"	0.93"	0.49"	0.56"	
119-N2-N3	3/8-18 FNPT	1/4-18 FNPT	13.16"	1.00"	0.49"	0.51"	0.80"	0.64"	0.37"	0.37"
119-N2-N4	1/2-14 FNPT			1.28"	0.75"	0.53"	0.92"	0.75"	0.56"	0.34"
119-N3-N4		3/8-18 FNPT		1.18"	0.63"	0.56"		0.80"	0.43"	0.37"
119-N4-N5	3/4-14 FNPT	1/2-14 FNPT	1 1/4"	1.15"	0.67"	0.48"	1.23"	1.00"		

NPT SHORT EXTENSION


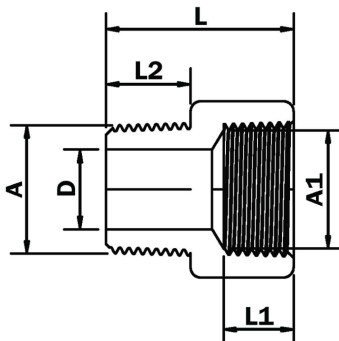
PART #	A	A1	L	L1	L2	L3	D	D1	C
120-N1	1/8" MNPT	1/8" FNPT	0.82"	0.32"	0.54"	0.32"	0.44"	0.21"	1/2"
120-N2	1/4" MNPT	1/4" FNPT	1.13"	0.44"	0.76"	0.54"	0.57"	0.27"	5/8"
120-N3	3/8" MNPT	3/8" FNPT	1.42"	0.55"	0.83"	0.57"	0.71"	0.37"	13/16"
120-N4	1/2" MNPT	1/2" FNPT	1.61"	0.62"	1.12"	0.81"	0.90"	0.51"	15/16"



120-N-N & 122-N SERIES

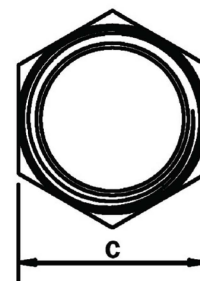
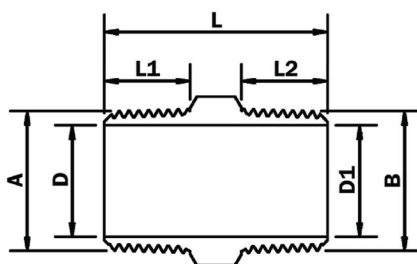
BRASS FITTINGS

NPT REDUCING ADAPTER

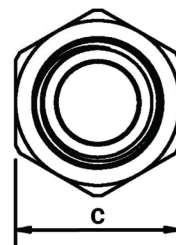
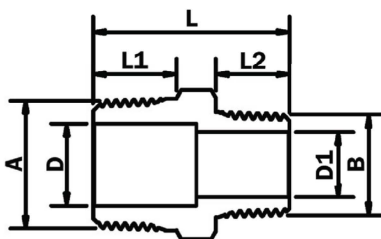


PART #	A	A1	C	L	L1	L2	D
120-N1-N2	1/8-27 MNPT	1/4-18 FNPT	5/8"	0.94"	0.44"	0.38"	0.24"
120-N1-N3		3/8-18 FNPT	3/4"	1.00"	0.50"		
120-N2-N3	1/4-18 MNPT		13/16"	1.12"	0.54"	0.44"	0.34"
120-N2-N4			1/2-14 FNPT	7/8"		1.18"	
120-N3-N4	3/8-18 MNPT	1"		0.50"			0.47"
120-N4-N5	1/2-14 MNPT	3/4-14 FNPT	1 1/4"	1.22"	0.56"	0.56"	0.59"

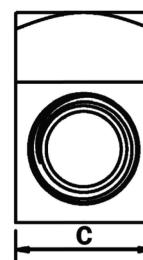
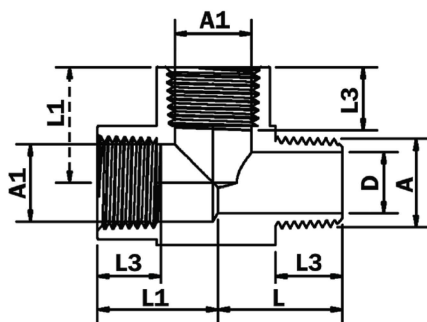
NPT HEX NIPPLE



PART #	A	B	C	L	L1	L2	D	D1
122-N1	1/8-27 MNPT	7/16"	0.97"	0.38"			0.26"	
122-N2	1/4-18 MNPT	9/16"	1.09"	0.44"			0.34"	
122-N3	3/8-18 MNPT	5/8"	1.26"	0.51"			0.44"	
122-N4	1/2-14 MNPT	7/8"	1.44"	0.56"			0.59"	
122-N5	3/4-14 MNPT	1 1/4"	1.63"	0.63"			0.75"	

NPT REDUCING HEX NIPPLE


PART #	A	B	C	L	L1	L2	D	D1
123-N1-N2	1/4-18 MNPT	1/8-27 MNPT	9/16"	1.02"	0.43"	0.37"	0.34"	0.22"
123-N1-N3	3/8-18 MNPT		11/16"	1.12"	0.51"		0.46"	
123-N2-N3		1/4-18 MNPT		1.18"	0.50"	0.43"		0.34"
123-N2-N4	1/2-14 MNPT	7/8"	1.22"	0.56"	0.60"			
123-N3-N4			3/8-18 MNPT	1.36"	0.59"	0.51"	0.59"	0.45"
123-N4-N5	3/4-14 FNPT	1/2-14 MNPT	1"	1.57"	0.67"	0.59"	0.75"	0.56"

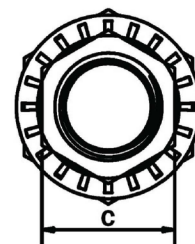
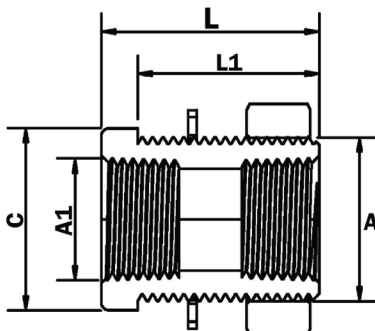
NPT STREET TEE


PART #	A	A1	C	L	L1	L2	D	D1
127-N1	1/8-27 MNPT	1/8-27 FNPT	7/16"	0.69"	0.55"	0.41"	0.35"	0.20"
127-N2	1/4-18 MNPT	1/4-18 FNPT	9/16"	0.83"	0.71"	0.48"	0.44"	0.28"
127-N3	3/8-18 MNPT	3/8-18 FNPT	5/8"	0.94"	0.83"	0.51"		0.40"
127-N4	1/2-14 MNPT	1/2-14 FNPT	7/8"	1.14"	1.02"	0.63"	0.57"	0.52"



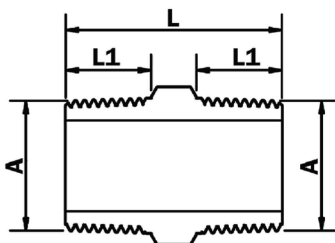
129 & 122-PT SERIES BRASS FITTINGS

NPT BULKHEAD

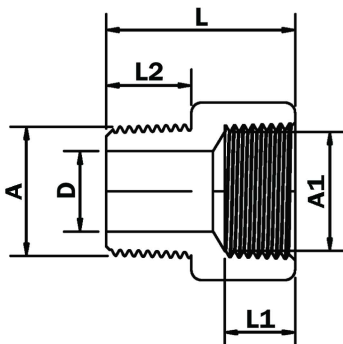


PART #	A	A1	C	L	L1	C1
129-N1	5/8-18	1/8-27 FNPT	7/8"	1.50"	1.25"	0.94"
129-N2	3/4-16	1/4-18 FNPT	1"	0.94"	0.69"	1.13"
129-N2S				1.50"	1.25"	
129-N3	1-14	3/8-18 FNPT	1 1/8"	1.32"	1.06"	1.25"
129-N4	1-1/8-14	1/2-14 FNPT	1 1/4"	1.50"	1.25"	1.37"

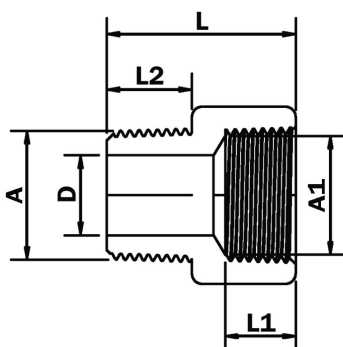
BSPT (R) HEX NIPPLE



PART #	A	C	L	L1
122-PT1	1/8" MBSPT (R)	7/16"	0.78"	0.31"
122-PT2	1/4" MBSPT (R)	9/16"	1.12"	0.47"
122-PT3	3/8" MBSPT (R)	11/16"	1.19"	0.48"
122-PT4	1/2" MBSPT (R)	7/8"	1.42"	0.59"
122-PT5	3/4" MBSPT (R)	1 1/8"	1.69"	0.67"

FNPT X MBSPT ADAPTER


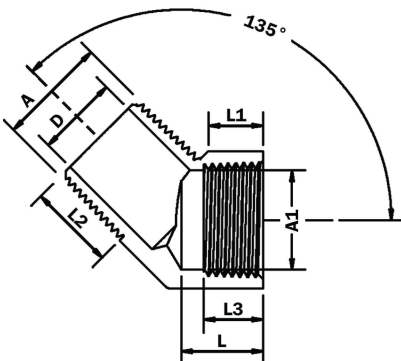
PART #	A	A1	C	L	L1	D
120-N1-PT1	1/8" MBSPT (R)	1/8" FNPT	1/2"	0.85"	0.31"	0.24"
120-N2-PT2	1/4" MBSPT (R)	1/4" FNPT	5/8"	1.00"	0.41"	0.34"
120-N3-PT3	3/8" MBSPT (R)	3/8" FNPT	13/16"	1.12"	0.50"	0.47"
120-N4-PT4	1/2" MBSPT (R)	1/2" FNPT	1"	1.29"	0.59"	0.59"
120-N5-PT5	3/4" MBSPT (R)	3/4" FNPT	1 1/8"	1.47"	0.66"	0.75"

FBSP (G) X MNPT ADAPTER


PART #	A	A1	C	L	L1	D
120-G1-N1	1/8" MBSPP (G)	1/8" FNPT	1/2"	0.85"	0.43"	0.24"
120-G2-N2	1/4" MBSPP (G)	1/4" FNPT	5/8"	1.00"	0.47"	0.34"
120-G3-N3	3/8" MBSPP (G)	3/8" FNPT	13/16"	1.12"	0.50"	0.47"
120-G4-N4	1/2" MBSPP (G)	1/2" FNPT	1"	1.30"	0.59"	0.56"
120-G5-N5	3/4" MBSPP (G)	3/4" FNPT	1 1/8"	1.57"	0.71"	0.75"



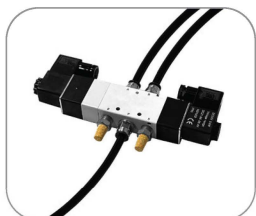
45° NPT STREET ELBOW



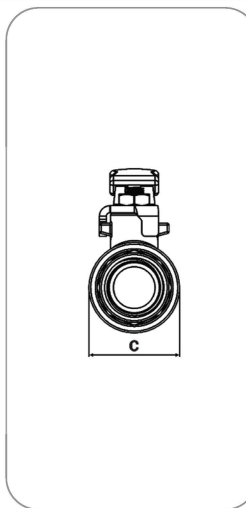
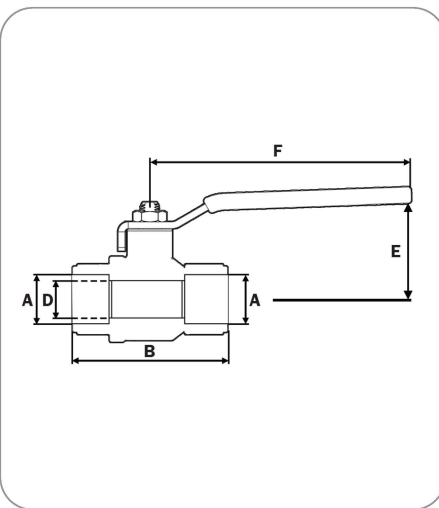
PART #	A	A1	C	D	L	L1	L2	L3
124-N1	1/8" FNPT	1/8" MNPT	9/16"	0.22"	0.41"	0.33"	0.37"	0.35"
124-N2	1/4" FNPT	1/4" MNPT	3/4"	0.30"	0.51"	0.43"	0.44"	0.44"
124-N3	3/8" FNPT	3/8" MNPT	13/16"	0.41"		0.39"	0.45"	0.45"
124-N4	1/2" FNPT	1/2" MNPT	1"	0.54"	0.71"	0.56"	0.57"	0.57"
124-N5	3/4" FNPT	3/4" MNPT	1 1/4"	0.75"	0.81"	0.62"	0.62"	0.62"

GENERAL PURPOSE THREAD CHART

THIS CHART SHOWS WHAT THREAD TYPES (MALE AND FEMALE) WORK TOGETHER.

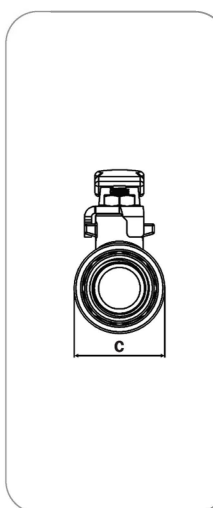
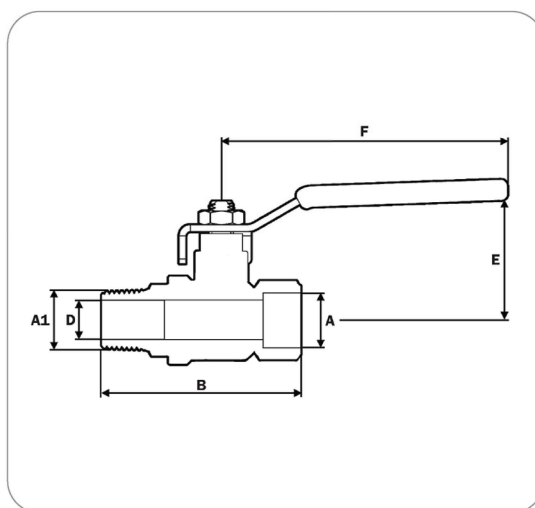


		FEMALE THREAD		
		NPT FPT FNPT NPTF	BSPP G PF RP	BSPT PT R RC
MALE THREAD	NPT MPT MNPT NPTF	X		
	BSPP G		X	
	BSPT PT R		X	X
10/32 MALE WORKS WITH M5 FEMALE BUT M5 MALE DOES NOT WORK WITH 10/32 FEMALE				

FULL PORT NON-LOCKING LEVER HANDLE BALL VALVES


SPECIFICATIONS	
MAX. OPERATING PRESSURE	365 PSI (25 BAR)
OPERATING TEMP. RANGE	-4 - 248° F (-20 - 120° C)
MATERIAL	LEAD-FREE BRASS
USES	AIR, VACUUM, GAS, CHEMICALS*, WATER
*CONTACT US FOR CHEMICAL COMPATIBILITY	

PART #	A	B	C	D	E	F
BVFF-4-4	1/4" FNPT	1.40"	0.71"	0.28"	1.38"	2.87"
BVFF-6-6	3/8" FNPT	1.57"	0.79"	0.35"	1.42"	3.15"
BVFF-8-8	1/2" FNPT	1.91"	0.94"	0.47"	1.63"	3.41"
BVFF-12-12	3/4" FNPT	2.07"	1.10"	0.59"	1.71"	
BVFF-16-16	1" FNPT	2.64"	1.38"	0.79"	2.38"	4.61"

FULL PORT NON-LOCKING LEVER HANDLE DRAIN BALL VALVE


SPECIFICATIONS	
MAX. OPERATING PRESSURE	580 PSI (40 BAR)
OPERATING TEMP. RANGE	-4 - 248° F (-20 - 120° C)
MATERIAL	LEAD-FREE BRASS
USES	AIR, VACUUM, GAS, CHEMICALS*, WATER
*CONTACT US FOR CHEMICAL COMPATIBILITY	

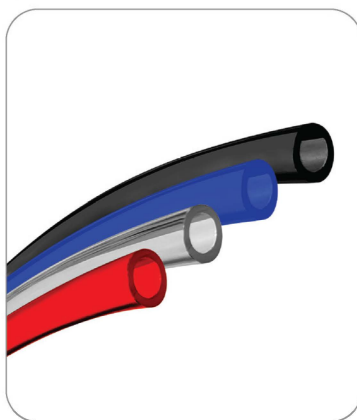
PART #	A	A1	B	C	D	E	F
BVMF-4-4	1/4" FNPT	1/4" MNPT	1.69"	0.63"	0.24"	0.98"	1.77"



FLO-FLEX REELS SERIES

98A POLYURETHANE TUBING

98A DUROMETER POLYURETHANE TUBING



SPECIFICATIONS	
AVAILABLE COLORS	   
DUROMETER	98A
MAX. OPERATING PRESSURE	120 PSI (8 BAR) @ 75° F (24° C)
BURST PRESSURE	325 PSI (22 BAR) @ 75° F (24° C)
OPERATING TEMP. RANGE	14 - 158° F (-10 - 70° C)
USES	AIR, OIL, WATER
RECOMMENDED FITTINGS	PUSH-IN, BARB, COMPRESSION
*CONTACT US FOR CHEMICAL COMPATIBILITY	

HOW TO ORDER

(EXAMPLE: 1/4" O.D. BLUE 20 METER ROLL)

FLEX	-	14	-	NB	-	200M
POLYURETHANE TUBE		(1) TUBE SIZE (O.D.)		(2) COLOR CODE		(3) LENGTH

(1) TUBE SIZE

	INCH SIZES					METRIC SIZES				
CODE	532	14	516	38	12	4M	6M	8M	10M	12M
SIZE (O.D.)	5/32"	1/4"	5/16"	3/8"	1/2"	4MM	6MM	8MM	10MM	12MM
SIZE (I.D.)	3/32"	0.160"	0.197"	0.245"	0.320"	2.5MM	4MM	5MM	6.5MM	8MM

(2) COLOR CODE

COLOR	BLACK 	BLUE 	RED 	CLEAR 
CODE	BK	NB	R	C

(3) LENGTH CODE

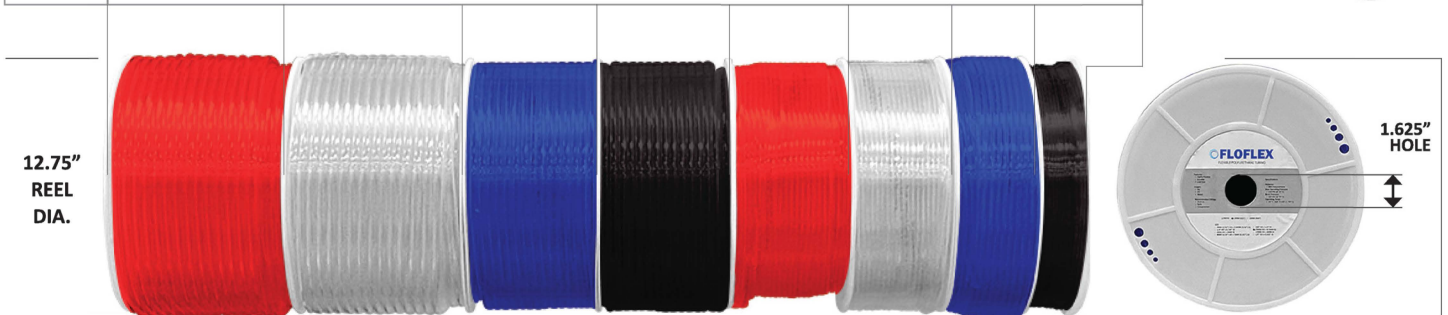
CODE	LENGTH	AVAILABLE TUBE SIZES (O.D.)
200M	200 METER ROLL	5/32", 1/4", 5/16", 4MM, 6MM, & 8MM
100M	100 METER ROLL	3/8", 1/2", 10MM, & 12MM
10M	10 METER BAG	ALL SIZES (RED NOT AVAILABLE)

98A DUROMETER POLYURETHANE TUBING

The Flo-Flex R tubing program offers top of the line Floflex polyurethane tubing in same diameter sturdy plastic reels. Because the reel diameter is the same, Floflex tubing is easier to store, organize and use than tubing that comes on cardboard or various sized reels. Flo-Flex R tubing is also available in convenient 10M bags for smaller applications

REEL DIMENSIONS

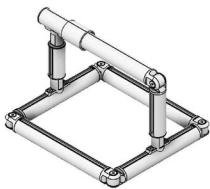
TUBE SIZE	12MM O.D.	1/2" O.D.	10MM O.D.	3/8" O.D.	5/16" (8MM)	6MM O.D.	1/4" O.D.	5/32" (4MM)
REEL	8.5"	9.25"	6.5"	6.25"	4.25"	4.75"	5.25"	2.5"
REEL	12.75"							



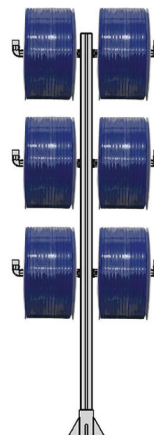
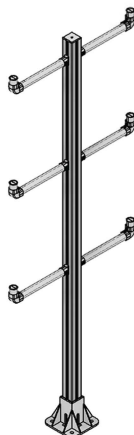
TUBE RACKS

We also offer a variety of tube racks to help manage your tubing and create a more productive work area. From simple low cost designs to complete custom designs, we have the tube rack you need. Contact us to find out more.

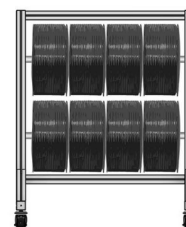
TABLE TOP



POST



MULTI-BAR

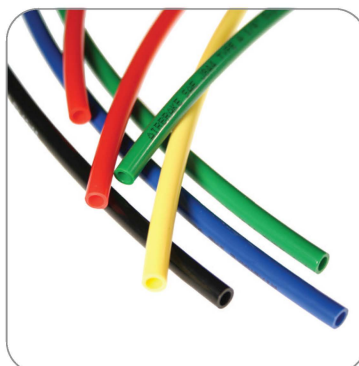




FLO-FLEX SERIES

95A POLYURETHANE TUBING

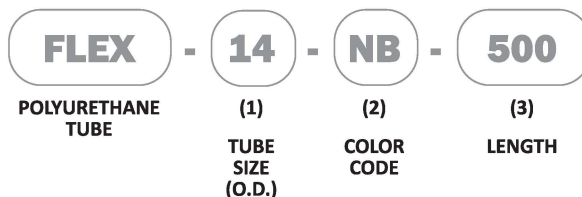
95A DUROMETER POLYURETHANE TUBING



SPECIFICATIONS	
AVAILABLE COLORS	
DUROMETER	95A
MAX. OPERATING PRESSURE	155 PSI (10 BAR) @ 75° F (24° C)
OPERATING TEMP. RANGE	-40-165° F (-40 - 73° C)
USES	AIR, OIL, WATER
RECOMMENDED FITTINGS	PUSH-IN, BARB, COMPRESSION
*CONTACT US FOR CHEMICAL COMPATIBILITY	

HOW TO ORDER

(EXAMPLE: 1/4" O.D. BLUE 500FT ROLL)



(1) TUBE SIZE

	INCH SIZES						METRIC SIZES				
CODE	18	532	14	516	38	12	4M	6M	8M	10M	12M
SIZE (O.D.)	1/8"	5/32"	1/4"	5/16"	3/8"	1/2"	4MM	6MM	8MM	10MM	12MM
SIZE (I.D.)	0.066"	3/32"	0.160"	0.197"	0.245"	0.320"	2.5MM	4MM	5MM	6.5MM	8MM

(2) COLOR CODE

COLOR	BLACK	RED	BLUE	CLEAR	CLEAR BLUE	YELLOW	WHITE	GREEN	ORANGE	GRAY
CODE	BK	R	NB	C	CB	Y	W	G	O	GY

(3) LENGTH CODE

CODE	LENGTH*	AVAILABLE TUBE SIZES (O.D.)
50	50 FT BAG	ALL*
100	100 FT BAG	
250	250 FT ROLL	
500	500 FT ROLL	
1000	1000 FT ROLL	
2500	2500 FT ROLL	1/8", 4MM, 5/32"

*SUBJECT TO AVAILABILITY. PART NUMBERS FOR LENGTHS CUT AT TIME OF ORDER WILL END IN "X"

AIR PREPARATION COMPONENTS



FILTER



REGULATOR



FILTER-REGULATOR



LUBRICATOR

PART NUMBER	PORT SIZE	LOW PROFILE GAUGE	5 MIC FILTER	BOWL		DRAIN TYPE		
				POLYCARB	METAL	AUTO	SEMI-AUTO	NONE
PARTICULATE FILTER								
MAX. INLET PRESSURE: 232 PSI (16 BAR)			OPERATING TEMP. RANGE: - 4-122 PSI (- 20-50 BAR)					
8652ABBP4JA000N	1/2" NPT		X	X			X	
8653ABBP6JA000N	1"							
REGULATOR								
MAX. INLET PRESSURE: 232 PSI (16 BAR)			OPERATING TEMP. RANGE: - 4-122 PSI (- 20-50 BAR)					
OPERATING PRESSURE: 7-125 PSI (0.5-8.6 BAR)								
8652AR004FA00G0	1/2" NPT	X						
8653AR006FA00G0	1"							
FILTER-REGULATOR								
MAX. INLET PRESSURE: 232 PSI (16 BAR)			OPERATING TEMP. RANGE: - 4-122 PSI (- 20-50 BAR)					
OPERATING PRESSURE: 7-125 PSI (0.5-8.6 BAR)								
8652APBP4FA00GN	1/2" NPT	X		X			X	
8653APBP6FA00GN	1"							
LUBRICATOR								
MAX. INLET PRESSURE: 232 PSI (16 BAR)			OPERATING TEMP. RANGE: - 4 TO 122 PSI (- 20 TO 50 BAR)					
8652AL0P40A0000	1/2" NPT				X			X
8653AL0P60A0000	1"							

SHUT OFF VALVES

PART NUMBER	PORT SIZE
8652A3M040A0000	1/2" NPT
8653A3M060A0000	1" NPT

MOUNTING COMPONENTS

PART NUMBER	SERIES
BODY CLAMP	
P652AT502466001	8652
P653AT507291001	8653
WALL MOUNT BRACKET	
P699AT502467001	8652
	8653

TEFLON SEALING TAPE

1/2 IN. X 32 FT.	
PART NUMBER	QTY
TEFLON-TAPE	1 ROLL

1/4" QUICK-DISCONNECT BRASS INDUSTRIAL INTERCHANGE COUPLERS

	PART NUMBER	PART TYPE	SOCKET SIZE	THREAD	SPECIFICATIONS	
	1/4INDS-02FNPT	COUPLER	1/4"	1/4" FNPT	MAX. OPERATING PRESSURE	250 PSI (17 BAR)
	1/4INDP-02FNPT	PLUG			OPERATING TEMP. RANGE	-20 - 225° F (-28 - 107° C)
	1/4INDP-02MNPT			1/4" MNPT	MATERIAL	BRASS
				USES	AIR	

TUBE CUTTERS

PART NUMBER	QTY	FOR TUBE SIZES (O.D.)
TUBE CUTTER	1	1/8" - 3/4"
TUBE CUTTER 10PK	10	
LARGE TUBE CUTTER	1	1/8" - 1 1/4"



FLO-FLEX ACCESSORIES

AIR COMPRESSOR ACCESSORIES

BLOW GUNS

	PART NUMBER	PART TYPE	DESCRIPTION	BLOWGUN INLET THREAD	BLOWGUN NOZZLE THREAD	OPERATING TEMPERATURE	MAX PRESSURE
	FF-BG	BLOW GUN	BLOW GUN (NO NOZZLE)	1/4" FNPT	1/8" FNPT	32 - 175° F (0 - 79° C)	150 PSI (10 BAR)
	FF-BG-14	BLOW GUN KIT	13 PC BLOW GUN KIT WITH GUN, NOZZLES AND TAPE			14 - 158° F (-10 - 70° C)	120 PSI (8 BAR) @ 75° F (24° C)
	FF-BG-TB		6 PC BLOW GUN KIT, WITH GUN, OSHA SAFETY NOZZLE, FITTINGS, AND 30FT BLUE 1/4" OD TUBING				
	FF-BGKIT-TB		17 PC BLOW GUN KIT, WITH GUN, NOZZLES, FITTINGS, AND 30FT BLUE 1/4" OD TUBING				
	FF-BGWD		3 PC BLOW GUN WAND KIT, WITH GUN, 24" EXTENSION WAND AND 2 TIPS			32 - 175° F (0 - 79° C)	150 PSI (10 BAR)
	FF-BGWAND610	BLOW GUN WAND	24" LONG WAND NOZZLE				

More About Us

INDUSTRIES SERVED



AUTOMATION

The automation industry relies on tough, versatile solutions for its airline and fluid power connections. Floflex answers the call by providing durable, flexible poly tubing and brass adapter fittings.



HVAC

HVAC and heating applications require sensible parts that meet the task at hand. Floflex flexible polyurethane tubing is ideal for water and drain lines. Corrosion-resistant Floflex fittings are sought after for HVAC connections.



AGRICULTURAL

Agricultural equipment may use anything from sprayers to pneumatic actuators. Floflex tubing and fittings are rated for both lower-pressure water applications as well as higher-pressure compressed air systems.



FOOD/BEVERAGE

Food and beverage equipment needs durable, safe components. Our tubing is safe for beverage applications and also corrosion resistant so it can be used in wash-down settings. Our fittings can be used for air, gas and non-potable water connections.



MEDICAL

Flexible Floflex tubing is an ideal solution for medical equipment with compressors, pneumatic actuators, air bladders and airlocks. It's available in a wide variety of tube sizes and works well with push-in, barb or compression fittings.

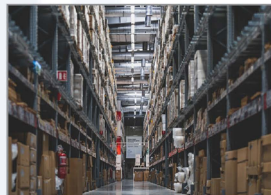
BECOME A DISTRIBUTOR

We're always looking for good companies to partner with. Being a distributor of Floflex products means you will receive the products and services you need to reach the success you desire. Contact us to learn more.



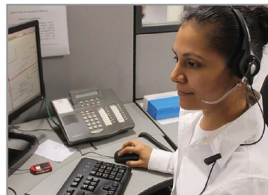
QUALITY PRODUCTS

Our products are made with the best materials and procedures available. This gives our distributors a solid product base to offer to their customers.



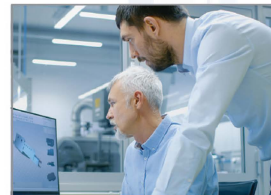
AVAILABILITY

We maintain a hearty inventory of our products. Our inventory coordinators carefully and consistently review inventory levels and sales forecasts to make sure we keep a steady supply of inventory.



DEDICATED SERVICE

We have dedicated customer service agents and knowledgeable technical staff available to assist you. We understand that customers have different needs, and we strive to provide exceptional service.



TECHNICAL SUPPORT

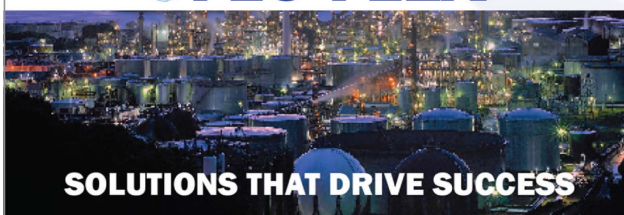
We have a knowledgeable technical support team available to assist you with questions and special applications. They have a vast knowledge of our products and how they can be used.



SPECIAL SERVICES

We have the following special services available. Contact us for more info:

- Drop Shipping/Blind Shipping
- Private Labeling
- Other Products Available Upon Request



CONTACT US:

sales@floxinc.com
www.floxinc.com

