

## AIR-O-FIT



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### **For Connecting**

Cut the tube for required length by tube cutter and push the tube on the core of the fitting and tighten the nut by hand.

### **For Disconnecting**

Loose the nut and pull tube out.

### **No Tools Needed for Tubing Installation**

No wrenches, haring tools, benders or other tools are used for tube installation.

### **Reduce Installation Time and Labour Cost**

AIR-O-FIT Fittings offer a minimum of 36% saving in installation time, compared to regular compression type fittings.

### **Excellent Holding Power**

The AIR-O-FIT fittings when assembled finger tight on polyethylene or P.V.C. tubing will hold the burst pressure of the tubing itself.

### **Pipe Swivel Possible**

By loosening nut slightly pipe can be swivel on its own by 360° as per required direction.

### **Material**

Elbows and Tees : Brass Forging (as per B.S.218) / Aluminium / Acetal copolymer (Celcon).

Connectors : Unions / Female Studs : Stress relieved brass bar stock ( as per B.S. 249) / Aluminium / Acetal Copolymer (Celcon)

### **Pipe Thread**

British standard pipe threads (Parallel). Also available MM threads on 4mm OD tube fitting

### **Operating Medium**

Compressed air, light gases, water, lubricating oil.

### **Working Pressure**

Vacuum to 10 Bar (depend upon bursting pressure of tube).

### **Working Temperature**

10° C to + 45° C (For Polyethylene tubing)

10° C to + 60° C (For Polyurethane tubing)

10° C to + 80° C (For Nylon tubing)

### **Ordering Information**

To order, simply specify catalogue number for configuration and size desired.

### **Example**

6mm tube X 1/4" B.S.P. Male connection Code No. A 2006

\_\_\_\_\_ Brand of fittings (AIR-O-FIT)

| \_\_\_\_\_ Thread Size

| | \_\_\_\_\_ Type of fitting

| | | \_\_\_\_\_ Pipe Size

A2 0 06

## AIR-O-FIT Stud End Fittings

### MALE STUD



Code	Tube Size in mm		Thread B.S.P.
	I.D.	O.D.	
A1004	3	4	1/8
A2004	3	4	1/4
A1006	4	6	1/8
A2006	4	6	1/4
A1008	6	8	1/8
A2008	6	8	1/4
A3008	6	8	3/8
A2010	8	10	1/4
A3010	8	10	3/8
A4010	8	10	1/2
A2012	10	12	1/4
A3012	10	12	3/8
A4012	10	12	1/2
A4019	13	19	1/2

### STUD ELBOW



Code	Tube Size in mm		Thread B.S.P.
	I.D.	O.D.	
A1104	3	4	1/8
A1104S	3	4	1/8
A2104	3	4	1/4
A2104S	3	4	1/4
A1106	4	6	1/8
A1106S	4	6	1/8
A2106	4	6	1/4
A2106S	4	6	1/4
A1108	6	8	1/8
A1108S	6	8	1/8
A2108	6	8	1/4
A2108S	6	8	1/4
A3108	6	8	3/8
A2110	8	10	1/4
A3110	8	10	3/8
A4110	8	10	1/2
A2112	10	12	1/4
A3112	10	12	3/8
A4112	10	12	1/2

### STUD TEES



Branch Code	Run Code	Size in mm		Thread B.S.P
		I.D.	O.D.	
A1304	A1204	3	4	1/8
A1304S	A1204S			
A1306	A1206	4	6	1/8
A1306S	A1206S			
A1308	A1208	6	8	1/8
A1308S	A1208S			
A2306	A2206	4	6	1/4
A2306S	A2206S			
A2308	A2208	6	8	1/4
A2308S	A2208S			
A2310	A2210	8	10	1/4
A3310	A3210	8	10	3/8
A4310	A4210	8	10	1/2
A2312	A2212	10	12	1/4
A3312	A3212	10	12	3/8
A4312	A4212	10	12	1/2

### DISTRIBUTOR HOLLOW BOLT



Code	Supply Line	Tube Outlet	No. of Benjo L/T
		MM	
DHB1/1-04	1/8	4 X 3	1
DHB1/2-04	1/8	4 X 3	2
DHB1/3-04	1/8	4 X 3	3
DHB1/1-06	1/8	6 X 4	1
DHB1/2-06	1/8	6 X 4	2
DHB1/3-06	1/8	6 X 4	3
DHB2/1-06	1/4	6 X 4	1
DHB2/2-06	1/4	6 X 4	2
DHB2/3-06	1/4	6 X 4	3
DHB2/4-06	1/4	6 X 4	4
DHB1/1-08	1/8	8 X 6	1
DHB1/2-08	1/8	8 X 6	2
DHB1/3-08	1/8	8 X 6	3
DHB2/1-08	1/4	8 X 6	1
DHB2/2-08	1/4	8 X 6	2
DHB2/3-08	1/4	8 X 6	3
DHB2/4-08	1/4	8 X 6	4

**FEMALE TEE**



Branch Code	Run Code	Size in mm		Thread B.S.P
		I.D.	O.D.	
A1504 A1506	A1404	3	4	1/8
A2506 A1508	A1406	4	6	1/8
A2508 A2510	A2406	4	6	1/4
A3510 A3512	A1408	6	8	1/8
A4512	A2408	6	8	1/4
	A2410	8	10	1/4
	A3410	8	10	3/8
	A3412	10	12	3/8
	A4412	10	12	1/2

**DISTRIBUTOR RING PIECE**



Code	Swivel Elbow MM	Code	Swivel Tee MM
DRP04L	4 X 3	DRP 04T	4 X 3
DRP06L	6 X 4	DRP 06T	6 X 4
DRP06L	6 X 4	DRP 06T	6 X 4
DRP08L	8 X 6	DRP 08T	8 X 6
DRP08L	8 X 6	DRP 08T	8 X 6

**FEMALE ELBOW**



Branch Code	Tube Size in mm		Thread B.S.P
	I.D.	O.D.	
A1604	3	4	1/8
A2604	3	4	1/4
A1606	4	6	1/8
A2606	4	6	1/4
A1608	6	8	1/8
A2608	6	8	1/4
A3608	6	8	3/8
A2610	8	10	1/4
A3610	8	10	3/8
A3612	10	12	3/8
A4612	10	12	1/2

**FEMALE STUD**



Branch Code	Tube Size in mm		Thread B.S.P
	I.D.	O.D.	
A1804	3	4	1/8
A2804	3	4	1/4
A1806	4	6	1/8
A2806	4	6	1/4
A2808	6	8	1/4
A3810	8	10	3/8
A4812	10	12	1/2

**BENJO**



Code Benjo'L	Code Benjo'T	Tube Size in mm		Thread B.S.P.
		I.D.	O.D.	
A1904L	A1904T	3	4	1/8
A1906L	A1906T	4	6	1/8
A2906L	A2906T	4	6	1/4
A1908L	A1908T	6	8	1/8
A2908L	A2908T	6	8	1/4
*A2910L	A2910T	8	10	1/4
*A3910L	A3910T	8	10	3/8
*A3912L	A3912T	10	12	3/8
*A4912L	A4912T	10	12	1/2

**REDUCING NIPPLE**

With Sealing ring



Code	TH Size A	TH Size B
RN 1-2	1/8" BSP	1/4" BSP
RN 2-3	1/4" BSP	3/8" BSP
RN 3-4	3/8" BSP	1/2" BSP

Material : BRASS

\*Manufactured against order only.

**PIPE COUPLING**



Code	TH Size	Material
PC1	1/8" BSP	BRASS
PC2	1/4" BSP	BRASS
PC3	3/8" BSP	BRASS
PC4	1/2" BSP	BRASS

**DOUBLE NIPPLE**

With 2 sealing rings



Code	TH Size		Material
	A	B	
DN 1-1	1/8" BSP	1/8" BSP	BRASS
DN 1-2	1/8" BSP	1/4" BSP	BRASS
DN 2-2	1/4" BSP	1/4" BSP	BRASS
DN 2-3	1/4" BSP	3/8" BSP	BRASS
DN 3-3	3/8" BSP	3/8" BSP	BRASS
DN 3-4	3/8" BSP	1/2" BSP	BRASS
DN 4-4	1/2" BSP	1/2" BSP	BRASS

**TUBE FITTINGS**

**COUPLER**



Code	Tube Size in mm	
	I.D.	O.D.
A0004	3	4
A0006	4	6
A0008	6	8
A0010	8	10
A0012	10	12

**ELBOW**



Code	Tube Size in mm	
	I.D.	O.D.
AO104	3	4
AO106	4	6
AO108	6	8
AO110	8	10
AO112	10	12
AO119	13	19

**TEE**



Code	Tube Size in mm	
	I.D.	O.D.
AO204	3	4
AO206	4	6
AO208	6	8
AO210	8	10
AO212	10	12
AO219	13	19

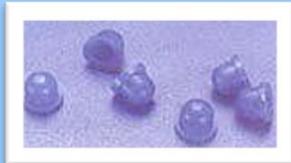
**CROSS**



Code	Tube Size in mm	
	I.D.	O.D.
A0304	3	4
A0306	4	6
A0308	6	8
A0310	8	10
A0312	10	12
*A0319	13	19

\*Mfg. against order only

**BLANKING CAP FOR FITTING**



Code	Tube Size in mm
BC 04	FOR 04 MM TUBING
BC 06	FOR 06 MM TUBING
BC 08	FOR 08 MM TUBING
BC 10	FOR 10 MM TUBING
BC 12	FOR 12 MM TUBING

**BULK HEAD**



Code	Tube Size in mm	
	I.D.	O.D.
A0704	3	4
A0706	4	6
A0708	6	8
A0710	8	10
A0712	10	12