

13

RING MAIN SYSTEMS

Ring main systems consist of a closed loop, or a ring, of piping surrounding an area where air will be consumed at high pressure. Branch pipes are connected to the main ring and run along walls or ceilings to various facility consumption points.

COMPRESSED AIR

Sicomat



764
Tube for Compressed Air Applications



766
Fittings for Compressed Air Applications – SR Series



769
Push Fittings for Compressed Air Applications – SK Series

Sicomat

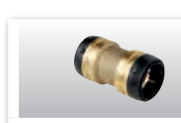


770
Accessories for Compressed Air Applications



776
Aluminium Profiles & Fittings for Compressed Air Applications – 80/110 Dia.

SharkBite



778
Air Ring Main Fittings



781
Air Ring Main Tube & Accessories

John Guest



782
Air Ring Main Fittings



784
Brass Compressed Air Fittings



785
Air Ring Main Tube & Accessories

NITROGEN

Sicomat



787
Tube for Nitrogen Applications



788
Fittings for Nitrogen Applications

VACUUM

Sicomat

	
790 Tube for Vacuum Applications	791 Fittings for Vacuum Applications

MALLEABLE IRON

PARKAIR

	
792 Malleable Cast Iron Fittings	799 Malleable Iron Pipe Fittings

PARKAIR

CRANE




PARKAIR


800 Malleable Iron Pipe Fittings & Accessories


802 Malleable Iron Pipe Fittings




808 304 Stainless Steel Press Fittings

PARKAIR

 New	 New	 New
811 Press Fitting Accessories	812 Carbon Steel Press Fittings	816 Copper Press Fittings

PLUMBING / HEATING

John Guest

		
820 Speedfit – Plumbing & Heating Systems	823 Valves	825 Flexi Hose & Barrier Pipe

PROCESSING

PARKAIR

 New Additions				
826 uPVC Pipe Fittings	831 ABS Pipe Fittings	834 uPVC & ABS Check Valves	834 uPVC & ABS Accessories	835 uPVC & ABS Tubing

Tube for Compressed Air Applications

Applications

- Compressed air
- Vacuum
- Calibrated extrusion

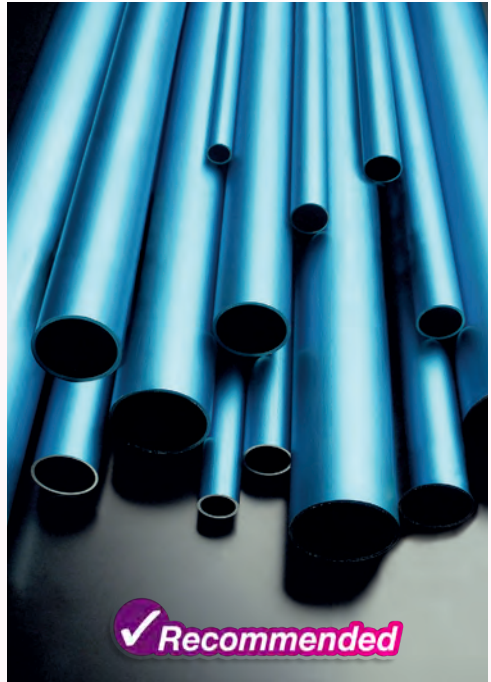
Benefits

- Easy & rapid to install
- Reduced pressure drop
- Corrosion resistance
- Fire resistance
- UV resistance
- Good shock resistance
- No welding

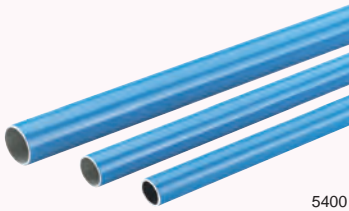
Specifications

Material: EN AW-6060 T6 aluminium
 Treatment: Internal & external chromatising
 Paint: RAL 5015 electrostatic painting
 Temperature range: -20°C to +70°C (-4°F to +158°F)
 Pressure: -0.8 to 15 bar

Carriage for 3 & 6 metre lengths charged at cost
 Please ask for details



Recommended



**ALUMINIUM TUBE
6 METRE LENGTH**

5400

PART NUMBER	TUBE OD	TUBE ID	FLOW RATE @ 7 BAR
r0590150126	15 mm	12 mm	950 l/min
r0590200176	20 mm	17 mm	1477 l/min
r0590220196	22 mm	19 mm	1850 l/min
r0590250226	25 mm	22 mm	2727 l/min
r0590280256	28 mm	25 mm	3800 l/min
r0590320296	32 mm	29 mm	5504 l/min
r0590400376	40 mm	37 mm	10054 l/min
r0590500466	50 mm	46 mm	16538 l/min
r0590630596	63 mm	59 mm	30214 l/min

90° BEND



5400

PART NUMBER	TUBE OD
r059015101	15 mm
r059020101	20 mm
r059022101	22 mm
r059025101	25 mm

180° BEND



5400

PART NUMBER	TUBE OD
r059015102	15 mm
r059020102	20 mm
r059022102	22 mm
r059025102	25 mm

3 METRE LENGTH

PART NUMBER	TUBE OD	TUBE ID	FLOW RATE @ 7 BAR
r0590150123	15 mm	12 mm	950 l/min
r0590200173	20 mm	17 mm	1477 l/min
r0590220193	22 mm	19 mm	1850 l/min
r0590250223	25 mm	22 mm	2727 l/min
r0590280253	28 mm	25 mm	3800 l/min
r0590320293	32 mm	29 mm	5504 l/min
r0590400373	40 mm	37 mm	10054 l/min
r0590500463	50 mm	46 mm	16538 l/min
r0590630593	63 mm	59 mm	30214 l/min

S BEND



5400

PART NUMBER	TUBE OD
r059015103	15 mm
r059020103	20 mm
r059022103	22 mm
r059025103	25 mm



DROP BEND



5400

PART NUMBER	TUBE OD
r059015100	15 mm
r059020100	20 mm
r059022100	22 mm
r059025100	25 mm

Z BEND



5400

PART NUMBER	TUBE OD
r059015104	15 mm
r059020104	20 mm
r059022104	22 mm
r059025104	25 mm



Fittings for Compressed Air Applications

SR Series

Sicomat's SR Series offers a practical and helpful solution for compressed air distribution, whether for small distribution systems or large industrial plants.

The SR Series is based on calibrated aluminium pipes that are surface treated and range in size from 20 mm to 63 mm, with profiles of 80 mm and 110 mm. The fittings used for junctions have high resistance to shock and pressure and have been tested by the TÜV Certification Institute for product durability. The SR Series has been tested four times more than the average working pressure (PN12.5).

These tests show that the SR Series is highly resistant to stress generated by water hammer pressure changes and durable in salty fog. The exterior coating on the SR Series ensures low friction for air passage and quick installation time, thanks to the colour-coded lines that comply with fluid identification regulations, eliminating the need for subsequent pipe coating.

The SR Series is compatible with all other Sicomat products, making it a complete, flexible and functional system for all fluid distribution needs in typical industrial use

SK Series

The experience gained from the SR Series has led to the development of the SK Series, which is a reliable and efficient push-fit solution for compressed air distribution.

The SK Series comprises three aluminium sizes – Ø15, Ø22, and Ø28 mm – and is assembled using nylon fittings.

Tests have shown that the SK Series has excellent resistance to stress caused by water hammer pressure changes and can withstand salty fog for extended periods.

Specifications

Body:	Black nylon
Coupling ring:	Blue nylon
Cutting ring:	301 stainless steel
Sealing:	NBR O-ring
Temperature range:	-20°C to +70°C (-4°F to +158°F)
Pressure:	-0.8 to 12.5 bar





5410

EQUAL UNION

PART NUMBER	TUBE OD	TUBE OD
rR210020020	20 mm	20 mm
rR210025025	25 mm	25 mm
rR210032032	32 mm	32 mm
rR210040040	40 mm	40 mm
rR210050050	50 mm	50 mm
rR210063063	63 mm	63 mm



5410

REDUCING UNION

PART NUMBER	TUBE OD	TUBE OD
rR212025020	25 mm	20 mm
rR212032025	32 mm	25 mm
rR212040032	40 mm	32 mm
rR212050040	50 mm	40 mm
rR212063050	63 mm	50 mm



5410

90° EQUAL ELBOW

PART NUMBER	TUBE OD	TUBE OD
rR213020020	20 mm	20 mm
rR213025025	25 mm	25 mm
rR213032032	32 mm	32 mm
rR213040040	40 mm	40 mm
rR213050050	50 mm	50 mm
rR213063063	63 mm	63 mm



5410

45° EQUAL ELBOW

PART NUMBER	TUBE OD	TUBE OD
rR245020020	20 mm	20 mm
rR245025025	25 mm	25 mm
rR245032032	32 mm	32 mm
rR245040040	40 mm	40 mm
rR245050050	50 mm	50 mm
rR245063063	63 mm	63 mm



5410

EQUAL TEE

PART NUMBER	TUBE OD
rR214020000	20 mm
rR214025000	25 mm
rR214032000	32 mm
rR214040000	40 mm
rR214050000	50 mm
rR214063000	63 mm



5410

TEE FEMALE

PART NUMBER	TUBE OD	THREAD	TUBE OD
rR215025012	25 mm	1/2"	25 mm
rR215032034	32 mm	3/4"	32 mm
rR215040001	40 mm	1"	40 mm
rR215050112	50 mm	1 1/2"	50 mm
rR215063002	63 mm	2"	63 mm



5410

STRAIGHT CONNECTOR MALE

PART NUMBER	TUBE OD	THREAD
rR211020012	20 mm	1/2"
rR211020034	20 mm	3/4"
rR211025012	25 mm	1/2"
rR211025034	25 mm	3/4"
rR211025001	25 mm	1"
rR211032001	32 mm	1"
rR211032114	32 mm	1 1/4"
rR211040001	40 mm	1"
rR211040114	40 mm	1 1/4"
rR211040112	40 mm	1 1/2"
rR211050112	50 mm	1 1/2"
rR211050002	50 mm	2"
rR211063002	63 mm	2"
rR211063212	63 mm	2 1/2"



5410

ALUMINIUM STRAIGHT CONNECTOR MALE

PART NUMBER	TUBE OD	THREAD
rR203020012	20 mm	1/2"
rR203025012	25 mm	1/2"
rR203025034	25 mm	3/4"
rR203032001	32 mm	1"
rR203040001	40 mm	1"
rR203040114	40 mm	1 1/4"
rR203050112	50 mm	1 1/2"
rR203063002	63 mm	2"



5410

STRAIGHT CONNECTOR FEMALE

PART NUMBER	TUBE OD	THREAD
rR201020012	20 mm	1/2"
rR201025034	25 mm	3/4"
rR201032001	32 mm	1"
rR201040114	40 mm	1 1/4"
rR201050112	50 mm	1 1/2"
rR201063002	63 mm	2"



5410

ALUMINIUM STRAIGHT CONNECTOR FEMALE

PART NUMBER	TUBE OD	THREAD
rR202020012	20 mm	1/2"
rR202025034	25 mm	3/4"
rR202032001	32 mm	1"
rR202040114	40 mm	1 1/4"
rR202050112	50 mm	1 1/2"
rR202063002	63 mm	2"





5410

REDUCING TEE

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
rR217025020	25 mm	20 mm	25 mm
rR217032020	32 mm	20 mm	32 mm
rR217032025	32 mm	25 mm	32 mm
rR217040020	40 mm	20 mm	40 mm
rR217040025	40 mm	25 mm	40 mm
rR217040032	40 mm	32 mm	40 mm
rR217050020	50 mm	20 mm	50 mm
rR217050025	50 mm	25 mm	50 mm
rR217050032	50 mm	32 mm	50 mm
rR217050040	50 mm	40 mm	50 mm
rR217063020	63 mm	20 mm	63 mm
rR217063025	63 mm	25 mm	63 mm
rR217063032	63 mm	32 mm	63 mm
rR217063040	63 mm	40 mm	63 mm
rR217063050	63 mm	50 mm	63 mm



DRY AIR DROP TEE

5410

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
rR247040020	40 mm	20 mm	40 mm
rR247040025	40 mm	25 mm	40 mm
rR247050020	50 mm	20 mm	50 mm
rR247050025	50 mm	25 mm	50 mm
rR247050032	50 mm	32 mm	50 mm
rR247050040	50 mm	40 mm	50 mm
rR247063020	63 mm	20 mm	63 mm
rR247063025	63 mm	25 mm	63 mm
rR247063032	63 mm	32 mm	63 mm
rR247063040	63 mm	40 mm	63 mm
rR247063050	63 mm	50 mm	63 mm



5410

**CONNECTION WITH JOINT
3 PIECES**

PART NUMBER	TUBE OD	THREAD
rR220020012	20 mm	1/2"
rR220020034	20 mm	3/4"
rR220025034	25 mm	3/4"
rR220025001	25 mm	1"
rR220032001	32 mm	1"
rR220032114	32 mm	1 1/4"
rR220040114	40 mm	1 1/4"
rR220040112	40 mm	1 1/2"
rR220050112	50 mm	1 1/2"
rR220050002	50 mm	2"
rR220063002	63 mm	2"
rR220063212	63 mm	2 1/2"



5410

**3 PIECE CONNECTOR
WITH BALL VALVE**

PART NUMBER	TUBE OD	THREAD
rR225020012	20 mm	1/2"
rR225020034	20 mm	3/4"
rR225025034	25 mm	3/4"
rR225025001	25 mm	1"
rR225032001	32 mm	1"
rR225032114	32 mm	1 1/4"
rR225040114	40 mm	1 1/4"
rR225040112	40 mm	1 1/2"
rR225050112	50 mm	1 1/2"
rR225050002	50 mm	2"
rR225063002	63 mm	2"
rR225063212	63 mm	2 1/2"



5410

**STRAIGHT CONNECTOR
WITH BALL VALVE**

PART NUMBER	TUBE OD	THREAD
rR224020012	20 mm	1/2"
rR224020034	20 mm	3/4"
rR224025034	25 mm	3/4"
rR224025001	25 mm	1"
rR224032001	32 mm	1"
rR224032114	32 mm	1 1/4"
rR224040114	40 mm	1 1/4"
rR224040112	40 mm	1 1/2"
rR224050112	50 mm	1 1/2"
rR224050002	50 mm	2"
rR224063002	63 mm	2"
rR224063212	63 mm	2 1/2"



5410

**REDUCING BUSH
ALUMINIUM**

PART NUMBER	DIMENSIONS
rR232034012	3/4" x 1/2"
rR232001012	1" x 1/2"
rR232114012	1 1/4" x 1/2"
rR232114034	1 1/4" x 3/4"
rR232112012	1 1/2" x 1/2"
rR232112034	1 1/2" x 3/4"
rR232112001	1 1/2" x 1"
rR232002012	2" x 1/2"
rR232002034	2" x 3/4"
rR232002001	2" x 1"
rR232002112	2" x 1 1/2"





**END CAPS
WITH MANUAL VENT VALVE**

5410

PART NUMBER	TUBE OD
rR218020014	20 mm
rR248025014	25 mm
rR248032014	32 mm
rR248040014	40 mm
rR248050014	50 mm
rR248063014	63 mm



END CAPS

5410

PART NUMBER	TUBE OD
rR221020000	20 mm
rR221025000	25 mm
rR221032000	32 mm
rR221040000	40 mm
rR221050000	50 mm
rR221063000	63 mm



**END CAPS
WITH MINI BALL VALVE**

5410

PART NUMBER	TUBE OD	THREAD
rR219020014	20 mm	1/4"
rR249025014	25 mm	1/4"
rR249032014	32 mm	1/4"
rR249040014	40 mm	1/4"
rR249050014	50 mm	1/4"
rR249064014	63 mm	1/4"



COUPLING NUT

5410

PART NUMBER	TUBE OD
rR209020000	20 mm
rR209025000	25 mm
rR209032000	32 mm
rR209040000	40 mm
rR209050000	50 mm
rR209063000	63 mm



**REDUCING FITTING
NYLON & ALUMINIUM
FEMALE**

5410

PART NUMBER	TUBE OD	THREAD
rR237025012	25 mm	1/2"
rR237032012	32 mm	1/2"
rR237040012	40 mm	1/2"
rR237040001	40 mm	1"
rR237050012	50 mm	1/2"
rR237050001	50 mm	1"
rR237063012	63 mm	1/2"
rR237063001	63 mm	1"
rR237063112	63 mm	1 1/2"



**NYLON ADAPTOR
NPT MALE / BSPP FEMALE**

5410

PART NUMBER	MALE THREAD	FEMALE THREAD
rR252012000	1/2" NPT	1/2" BSPP
rR252034000	3/4" NPT	3/4" BSPP
rR252001000	1" NPT	1" BSPP
rR252114000	1 1/4" NPT	1 1/4" BSPP
rR252112000	1 1/2" NPT	1 1/2" BSPP
rR252002000	2" NPT	2" BSPP



**REDUCING FITTING WITH O-RING
SCREWED NYLON
MALE / FEMALE**

5410

PART NUMBER	MALE THREAD	FEMALE THREAD
rR238034012	3/4"	1/2"
rR238001012	1"	1/2"
rR238112012	1 1/2"	1/2"
rR238112001	1 1/2"	1"
rR238002012	2"	1/2"
rR238002001	2"	1"
rR238002112	2"	1 1/2"



**NYLON ADAPTOR
BSPP MALE / NPT FEMALE**

5410

PART NUMBER	MALE THREAD	FEMALE THREAD
rR251012000	1/2" BSPP	1/2" NPT
rR251034000	3/4" BSPP	3/4" NPT
rR251001000	1" BSPP	1" NPT
rR251114000	1 1/4" BSPP	1 1/4" NPT
rR251112000	1 1/2" BSPP	1 1/2" NPT
rR251002000	2" BSPP	2" NPT





5410

EQUAL UNION

PART NUMBER	TUBE OD	TUBE OD
rR210015015	15 mm	15 mm
rR210022022	22 mm	22 mm
rR210028028	28 mm	28 mm



5410

END CAPS

PART NUMBER	TUBE OD
rR221015000	15 mm
rR221022000	22 mm
rR221028000	28 mm



5410

90° EQUAL ELBOW

PART NUMBER	TUBE OD	TUBE OD
rR213015015	15 mm	15 mm
rR213022022	22 mm	22 mm
rR213028028	28 mm	28 mm



5410

STRAIGHT UNION COUPLING WITH BALL VALVE

PART NUMBER	TUBE OD	THREAD
rR224015012	15 mm	1/2"
rR224022012	22 mm	1/2"
rR224028034	28 mm	3/4"



5410

EQUAL TEE

PART NUMBER	TUBE OD
rR214015000	15 mm
rR214022000	22 mm
rR214028000	28 mm



5410

STRAIGHT UNION COUPLING 3 PIECE WITH BALL VALVE

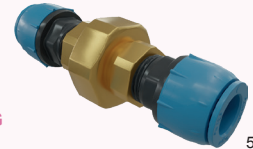
PART NUMBER	TUBE OD	THREAD
rR225015012	15 mm	1/2"
rR225022012	22 mm	1/2"
rR225028034	28 mm	3/4"



5410

STRAIGHT CONNECTOR MALE

PART NUMBER	TUBE OD	THREAD
rR211015038	15 mm	3/8"
rR211015012	15 mm	1/2"
rR211022012	22 mm	1/2"
rR211028034	28 mm	3/4"
rR211028012	28 mm	1/2"



5410

STRAIGHT UNION COUPLING 3 PIECES

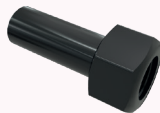
PART NUMBER	TUBE OD	THREAD
rR220015012	15 mm	1/2"
rR220022012	22 mm	1/2"
rR220028034	28 mm	3/4"



5410

ALUMINIUM STRAIGHT CONNECTOR MALE

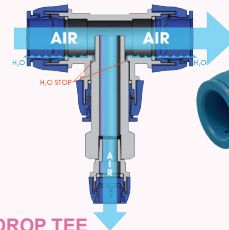
PART NUMBER	TUBE OD	THREAD
rR238015038	15 mm	3/8"
rR238022012	22 mm	1/2"
rR238028034	28 mm	3/4"



5410

ALUMINIUM STRAIGHT CONNECTOR FEMALE

PART NUMBER	TUBE OD	THREAD
rR237015038	15 mm	3/8"
rR237022012	22 mm	1/2"
rR237028034	28 mm	3/4"



5410

DRY AIR DROP TEE

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
rR247028015	28 mm	15 mm	28 mm
rR247028022	28 mm	22 mm	28 mm



5410

CROSS JOINT

PART NUMBER	TUBE OD	THREAD
rML215020012	20 mm	1/2"
rML215025012	25 mm	1/2"



5410

TAKE OFF WITH FIXING POINT

PART NUMBER	TUBE OD	THREAD
rML241020012	20 mm	1/2"
rML241025012	25 mm	1/2"



5410

ANGLED TAKE OFF WITH FIXING POINT

PART NUMBER	TUBE OD	THREAD
rML231020012	20 mm	1/2"
rML231025012	25 mm	1/2"



5410

TAKE OFF WITHOUT FIXING POINT

PART NUMBER	TUBE OD	THREAD
rML214020012	20 mm	1/2"
rML214025012	25 mm	1/2"



**TWIN TAKE OFF COUPLINGS
BSPP FEMALE**

5410

PART NUMBER	TUBE OD	THREAD
rR208025040	25 mm	1/2" BSPP
rR208032040	32 mm	1/2" BSPP
rR208040040	40 mm	1/2" BSPP
rR208050063	50 mm	1" BSPP
rR208063063	63 mm	1" BSPP



AUTOMATIC CONDENSATE DRAIN

5410

PART NUMBER	CONNECTION
rR223014000	1/4" automatic



**THREADED TAKE OFF SADDLE
BSPP FEMALE**

5410

PART NUMBER	TUBE OD	THREAD
rQSB2012	20 mm	1/2" BSPP
rQSB2512	25 mm	1/2" BSPP
rQSB2534	25 mm	3/4" BSPP
rQSB3212	32 mm	1/2" BSPP
rQSB3234	32 mm	3/4" BSPP
rQSB4012	40 mm	1/2" BSPP
rQSB4034	40 mm	3/4" BSPP
rQSB5012	50 mm	1/2" BSPP
rQSB5034	50 mm	3/4" BSPP
rQSB6312	63 mm	1/2" BSPP
rQSB6334	63 mm	3/4" BSPP



GRIPPING O-RING

5410

PART NUMBER	TUBE OD
rR216020000	20 mm
rR216025000	25 mm
rR216032000	32 mm
rR216040000	40 mm
rR216050000	50 mm
rR216063000	63 mm



**TERMINAL BLOCKS
MAX 16 BAR
BSPP FEMALE**

5410

PART NUMBER	INLET	OUTLET
rR243012038	1 x 1/2" BSPP	1 x 3/8" BSPP
rR243012012	2 x 1/2" BSPP	1 x 3/8" BSPP
rR241012001	1/2" BSPP	1 x 1/2" BSPP
rR241012002	1/2" BSPP	2 x 1/2" BSPP
rR241012003	1/2" BSPP	3 x 1/2" BSPP
rR241034001	3/4" BSPP	1 x 1/2" BSPP
rR241034002	3/4" BSPP	2 x 1/2" BSPP
rR241034003	3/4" BSPP	3 x 1/2" BSPP
rR231012012	1/2" BSPP	4 x 1/2" BSPP
rR231034012	3/4" BSPP	4 x 1/2" BSPP



**FLEXIBLE TUBE
500 MM LENGTH**

5410

PART NUMBER	THREAD
rR226012500	1/2" BSPP
rR226034500	3/4" BSPP
rR226001500	1" BSPP
rR226114500	1 1/4" BSPP
rR226112500	1 1/2" BSPP
rR226002500	2" BSPP



**FLEXIBLE TUBE
1.5 METRE FLEXIBLE
BSPP MALE**

5410

PART NUMBER	THREAD
rR227012150	1/2" BSPP
rR227034150	3/4" BSPP
rR227001150	1" BSPP
rR227114150	1 1/4" BSPP
rR227112150	1 1/2" BSPP
rR227002150	2" BSPP



MANUAL CONDENSATE DRAIN

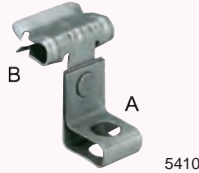
5410

PART NUMBER	FOR USE WITH
r089800350	R241 / R321 terminal blocks



CLAMPS

PART NUMBER	SIZE
rR23000001	M6



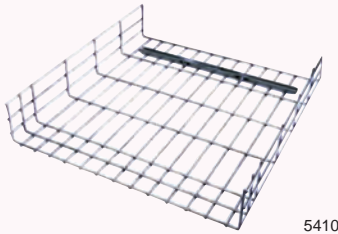
CLAMPS

PART NUMBER	Ø SIZE A	RANGE B
rR233000001	11 mm	3 – 8 mm
rR233000002	11 mm	8 – 14 mm
rR233000003	11 mm	14 – 20 mm



CLAMPS

PART NUMBER	SIZE
rR234000001	9 mm
rR234000002	M8



**SUPPORTING GRID
5 MM**

PART NUMBER	LENGTH	HEIGHT
rR090305000	306 mm	104.5 mm
rR090505000	546 mm	104.5 mm



COUPLING KIT

PART NUMBER	FOR USE WITH
rR09080100	Supporting Grid



WALL MOUNTING BRACKET

PART NUMBER	SIZE
rR228170000	170 mm
rR228320000	320 mm
rR228520000	520 mm



**COLLAR WITH SCREW
M8/10**

PART NUMBER	TUBE OD
rR240020000	20 mm
rR240025000	25 mm
rR240032000	32 mm
rR240040000	40 mm
rR240050000	50 mm
rR240063000	63 mm



SCREW

PART NUMBER	SIZE
rR230000000	M8



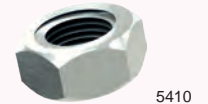
THREADED HOSE COUPLING

PART NUMBER	SIZE	LENGTH
rR230000003	M8	30 mm



**THREADED ROD
GALVANISED**

PART NUMBER	SIZE	LENGTH
rR230000006	M8	1000 mm



THREADED NUT

PART NUMBER	SIZE	LENGTH
rR230000004	M8	6.5 mm



WASHER

PART NUMBER	DESCRIPTION
rR230000005	2 mm x 8.5 mm

Do you also need?

PARKAIR®

**M10 – M12
Screwed rod**



Find it on page 801, section thirteen



COLLAR

PART NUMBER	TUBE OD
rR244020000	20 mm
rR244025000	25 mm
rR244032000	32 mm
rR244040000	40 mm
rR244050000	50 mm
rR244063000	63 mm



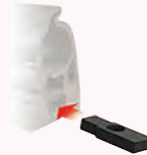
SPACER

PART NUMBER	TUBE OD	DIMENSIONS
rR244000010	9 mm	36 x 36 x 10 mm



SPACERS FOR TERMINAL BLOCKS

PART NUMBER	DIMENSIONS
rR242000010	85 x 65 x 10 mm
rR242000013	85 x 65 x 13 mm
rR242000020	85 x 65 x 20 mm



SPACER

PART NUMBER	TUBE OD	DIMENSIONS
rR244000020	5.2 mm	35 x 12.8 x 5.8 mm



SPACER FOR 243 TERMINAL BLOCK

PART NUMBER	DIMENSIONS
rR243000009	65 x 52 x 9 mm



EPDM INSERT

PART NUMBER	DIMENSIONS
rR244000030	9 x 36 x 2 mm

COMBINATION OF DIFFERENT DIAMETERS

The diagram illustrates various combinations of collars and spacers for different tube diameters. It includes 3D renderings of collars and spacers, and technical drawings of the combinations with their respective part numbers and diameters.

Collar Part Numbers and Diameters:

- rR244.010.000 (Ø 20)
- rR244.013.000 (Ø 25)
- rR244.016.000 (Ø 32)
- rR244.019.000 (Ø 40)
- rR244.022.000 (Ø 50)
- rR244.025.000 (Ø 63)

Spacer Part Numbers and Diameters:

- rR244.020.000 (Ø 20)
- rR244.023.000 (Ø 25)
- rR244.026.000 (Ø 32)
- rR244.029.000 (Ø 40)
- rR244.032.000 (Ø 50)
- rR244.035.000 (Ø 63)

Other Part Numbers and Diameters:

- rR244.038.000 (Ø 20)
- rR244.041.000 (Ø 25)
- rR244.044.000 (Ø 32)
- rR244.047.000 (Ø 40)
- rR244.050.000 (Ø 50)
- rR244.053.000 (Ø 63)



**LOCKING SPANNERS
FOR COUPLING RINGS**

5410

PART NUMBER	TUBE OD	LENGTH
rR235020000	20 mm	170 mm
rR235025000	25 mm	210 mm
rR235032000	32 mm	210 mm
rR235040000	40 mm	240 mm
rR235050000	50 mm	280 mm
rR235063000	63 mm	320 mm



**LOCKING SPANNERS
FOR FITTING BODY**

5410

PART NUMBER	TUBE OD	LENGTH
rR236020000	20 mm	170 mm
rR236025000	25 mm	210 mm
rR236032000	32 mm	210 mm
rR236040000	40 mm	240 mm
rR236050000	50 mm	280 mm
rR236063000	63 mm	320 mm



**PRESSURISED
DRILLING TOOL**

5410

PART NUMBER	SIZE
rR208012040	1/2"
rR208001063	1"



DRILLING TOOL

5410

PART NUMBER	DESCRIPTION
rR208012000	Kit drilling 1/2"
rR208012012	Drilling bush 1/2"
rR208001020	Drilling bush 1"



DEBURRING CONE

5410

PART NUMBER	DESCRIPTION
rCONE050	Up to 50 mm



DEBURRING TOOL

5410

PART NUMBER	DESCRIPTION
rR230000007	Deburring tool



ADJUSTABLE REAMER

5410

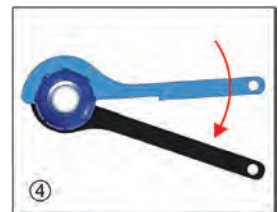
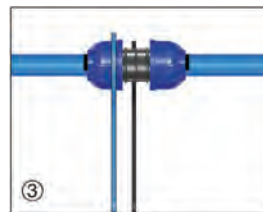
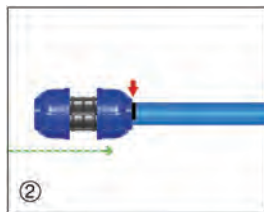
PART NUMBER	DESCRIPTION
rTEMPE50315	50 – 63 mm

Measure insertion length

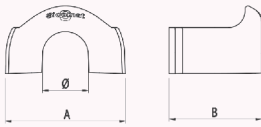
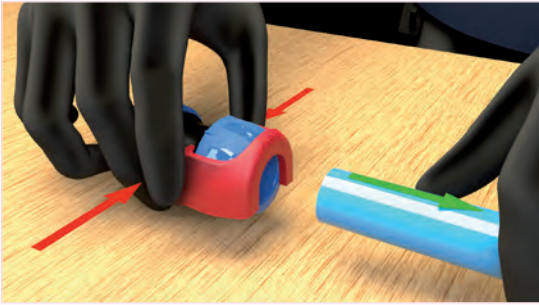
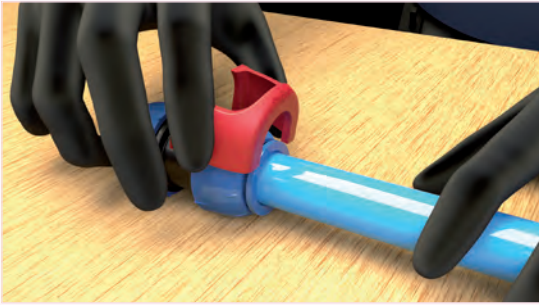
Insert fitting to the mark

Position spanner on coupling ring
& fitting body

Locking of the fitting



RELEASE TOOL



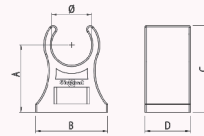
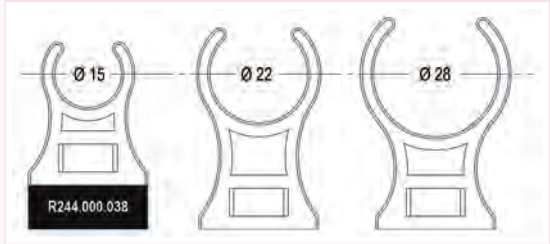
RELEASE TOOL

5410

PART NUMBER	TUBE OD	DIMENSIONS A x B
rR235015000	15 mm	40 mm x 31 mm
rR235022000	22 mm	52 mm x 34 mm
rR235028000	28 mm	59 mm x 39 mm

PIPE CLIPS & SPACERS

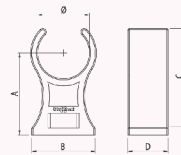
COMBINATION OF DIFFERENT DIAMETERS



5410

PIPE CLIP
15 MM

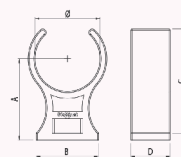
PART NUMBER	TUBE OD	DIMENSIONS A x B x C x D
rR244015000	15 mm	25 x 27 x 30 x 17 mm



5410

PIPE CLIP
22 MM

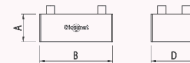
PART NUMBER	TUBE OD	DIMENSIONS A x B x C x D
rR244022000	22 mm	35 x 27 x 42 x 17 mm



5410

PIPE CLIP
28 MM

PART NUMBER	TUBE OD	DIMENSIONS A x B x C x D
rR244028000	28 mm	35 x 27 x 45 x 17 mm



5410

PIPE CLIP SPACER

PART NUMBER	DIMENSIONS A x B x D
rR244000038	10 x 27 x 17 mm

Aluminium Profiles & Fittings for Compressed Air Applications – 80/110 Diameter

The System

- Speed & simple installation
- Easy fit hinges
- Low maintenance
- High safety
- Reduced pressure drop
- Corrosion resistance
- Reusable
- Fire resistance
- UV resistance
- Good shock resistance
- No welding



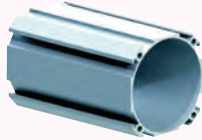
PIPE SPECIFICATIONS

Material	Aluminium EN AW-6063 T6
Paint	RAL 5015 & 7001 electrostatic painting
Suitable for	Compressed air
Temperature	-20°C to +70°C
Pressure	-0.8 to +16 bar

FITTING SPECIFICATIONS

Body	EN AB 46100 aluminium
Sealing	NBR O-ring
Suitable for	Compressed air
Temperature	-20°C to +70°C
Pressure	-0.8 to +12.5 bar

ALUMINIUM PROFILE MODULAR LINES



5400

ANODISED ALUMINIUM PROFILE 6 METRE LENGTH

PART NUMBER	TUBE OD	TUBE ID
rAR085085806	85 mm	80 mm
rAR1151151106	115 mm	110 mm

Carriage for
6 metre lengths
charged at cost

Please ask for
details

ALUMINIUM PROFILE FITTINGS



5410

STRAIGHT CONNECTOR

PART NUMBER	TUBE OD
rAR210080080	80 mm
rAR210110110	110 mm



5410

ELBOW CONNECTOR

PART NUMBER	TUBE OD
rAR213080080	80 mm
rAR213110110	110 mm



TEE CONNECTOR

5410

PART NUMBER	TUBE OD
rAR214080080	80 mm
rAR214110110	110 mm



FIXED ANCHOR BRACKET

5410

PART NUMBER	FOR USE WITH
rAR085085100	Sico80
rAR115115100	Sico110



STRAIGHT EXPANSION JOINT

5410

PART NUMBER	TUBE OD
rAR226060080	80 mm
rAR226110110	110 mm



ADJUSTABLE ANCHOR BRACKET

5410

PART NUMBER	FOR USE WITH
rAR085085200	Sico80
rAR115115200	Sico110



90° ELBOW EXPANSION JOINT

5410

PART NUMBER	TUBE OD
rAR227080080	80 mm
rAR227110110	110 mm



CHAMFERING TOOL

5410

PART NUMBER	FOR USE WITH
rAR230110000	Sico110



WALL MOUNTING BRACKET

5410

PART NUMBER	FOR USE WITH
rAR228320000	Sico80
rAR238520000	Sico110

END PLATE FEMALE



5410

PART NUMBER	TUBE OD	THREAD
rAR201080002	80 mm	2"
rAR201110003	110 mm	3"



OUTLET PLATE

5410

PART NUMBER	TUBE OD	THREAD
rAR208080012	80 mm	1/2"
rAR208110001	110 mm	1"
rAR208110012	110 mm	1/2"

CAP



5410

PART NUMBER	TUBE OD
rAR221080000	80 mm
rAR221110000	110 mm



SharkBite Ring Main System

Create An Efficient High Performance Solution

SharkBite offers an air and pneumatics push-fit range that makes pipe connections fast, simple, and reliable. The fittings are made of brass and come in sizes ranging from 10 to 54 mm, making them suitable for small and large commercial and industrial applications. These fittings can withstand high pressure and meet various system requirements. They can be used from the compressor to the point of use, and the range includes a 45° elbow for improved airflow.

The fittings use a simple push-fit action to instantly connect pipes without needing tools, silicone, hot works, solder, or glue. Additionally, the fittings can be disconnected with a secure demounting tool, making system extensions and modifications quick and easy.

SharkBite fittings are designed to grip anodised aluminium pipes securely and are compatible with powder-coated aluminium, copper, PEXa, and nylon pipes.

Features

- Engineered brass body
- Push-fit connection ends
- Tamperproof secure demounting tool
- Nitrile O-ring & stainless steel grab ring
- Suitable for air & vacuum applications up to 20 bar

Benefits

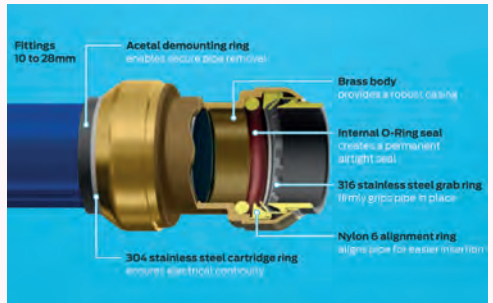
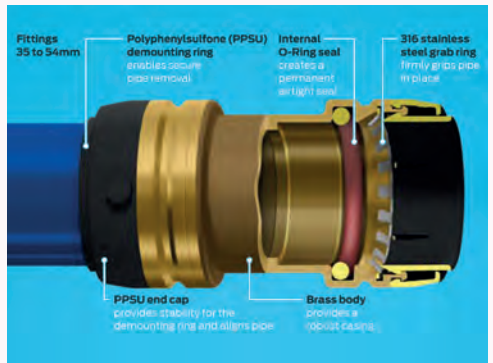
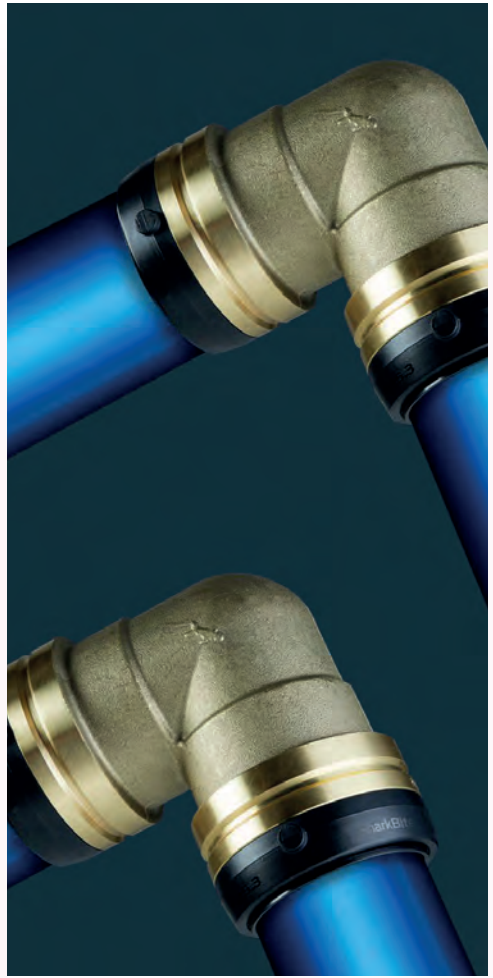
- Reliable leakproof solution that withstands high-pressure
- Instant, tool-free, push-fit connection with no hot works, silicone, solvent or glue
- Corrosion-free solution that extends equipment lifecycle & reduces maintenance
- Quick & easy system reconfiguration & extension, with minimal downtime
- Lightweight & easy to handle material
- A versatile solution that connects to metal or plastic pipe

Air System Configuration

The SharkBite air & pneumatics system enables quick assembly from the compressor to the airline and the complete ring main and take-off points.

Specifications

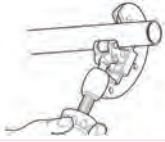
MATERIALS	
Bodies	Brass
O-rings	Nitrile
Cartridge ring	304 stainless steel
Grap ring	316 stainless steel
TUBE TOLERANCES	
Size	12 mm – 28 mm OD
Tolerance	-0.10 mm to +0.05 mm OD



MAKING A CONNECTION

CONNECTING PUSH-FIT

Cutting the pipe



Cut the pipe square using a rotary pipe cutter & then deburr using a SharkBite depth / deburring tool. There should be no burrs or sharp edges on the pipe end as this can damage the O-ring during pipe insertion.

Measure the depth



Using the appropriate depth marker demounting clip or tape measure, mark the insertion depth onto the pipe.

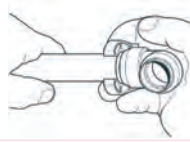
Making the connection



Align the pipe squarely with the fitting de-mounting ring & push the pipe into the fitting with a slight twist until the pipe reaches the pipe stop. If using plastic pipe, use a liner if specified by the pipe manufacturer.

DEMOUNTING PUSH-FIT

Demounting 10 – 28 mm with clip



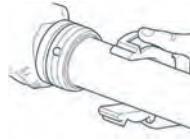
Holding the fitting in the palm of the hand, snap the demounting clip over the pipe, with the SharkBite logo away from the fitting. Slide the clip up to the demounting ring & press firmly on the two 'finger pads', while simultaneously twisting & pulling the pipe to release.

Demounting 10 – 28 mm with tongs



Position the tongs over the fitting & pipe with the SharkBite logo facing away from the fitting. Squeeze the tongs together, while gripping the pipe in the other hand, simultaneously twist & pull the pipe to remove, if necessary. Use the thumb as a lever to assist release.

Demounting 35 – 54 mm UXL



Snap the demounting clip over the pipe & locate the clip slots over the two studs in the end cap. Rotate the clip clockwise by 10° until it locks, then twist & pull the pipe from the fitting.

Note: SharkBite fittings utilise a PTFE coated O-ring. This coating is semi-permanent & multiple pipe insertions / de-mountings will remove this coating, making pipe insertion harder.

STANDARD FITTINGS

STRAIGHT COUPLING



2150

PART NUMBER	TUBE OD
JGSBA0110	10 mm
JGSBA0115	15 mm
JGSBA0122	22 mm
JGSBA0128	28 mm

REDUCING COUPLING



2150

PART NUMBER	TUBE OD	TUBE OD
JGSBA012215	22 mm	15 mm
JGSBA012822	28 mm	22 mm

SLIP COUPLING



2150

PART NUMBER	TUBE OD
JGSBA01S15	15 mm
JGSBA01S22	22 mm
JGSBA01S28	28 mm

45° ELBOW



2150

PART NUMBER	TUBE OD
JGSBA0515	15 mm
JGSBA0522	22 mm
JGSBA0528	28 mm

UXL FITTINGS

STRAIGHT COUPLING



2150

PART NUMBER	TUBE OD
JGSBA0135E	35 mm
JGSBA0142E	42 mm
JGSBA0154E	54 mm

REDUCING COUPLING



2150

PART NUMBER	TUBE OD	TUBE OD
JGSBA013528E	35 mm	28 mm
JGSBA014235E	42 mm	35 mm
JGSBA015442E	54 mm	42 mm

SLIP COUPLING



2150

PART NUMBER	TUBE OD
JGSBA01S35E	35 mm
JGSBA01S42E	42 mm
JGSBA01S54E	54 mm

45° ELBOW



2150

PART NUMBER	TUBE OD
JGSBA0535E	35 mm
JGSBA0542E	42 mm
JGSBA0554E	54 mm

STANDARD FITTINGS

90° ELBOW



2150

PART NUMBER	TUBE OD
JGSBA0215	15 mm
JGSBA0222	22 mm
JGSBA0228	28 mm

EQUAL TEE



2150

PART NUMBER	TUBE OD
JGSBA0315	15 mm
JGSBA0322	22 mm
JGSBA0328	28 mm

REDUCING TEE



2150

PART NUMBER	TUBE OD	TUBE OD
JGSBA03222215	22 mm	15 mm
JGSBA03282815	28 mm	15 mm
JGSBA03282822	28 mm	22 mm

BACKPLATE ELBOW BSPP FEMALE



2150

PART NUMBER	TUBE OD	THREAD
JGSBA121515FBP	15 mm	1/2" BSPP
JGSBA122220FBP	22 mm	3/4" BSPP

BALL VALVES



2150

PART NUMBER	TUBE OD
JGSBA2715	15 mm
JGSBA2722	22 mm
JGSBA2728	28 mm

END STOP



2150

PART NUMBER	TUBE OD
JGSBA0415	15 mm
JGSBA0422	22 mm
JGSBA0428	28 mm

UXL FITTINGS

90° ELBOW



2150

PART NUMBER	TUBE OD
JGSBA0235E	35 mm
JGSBA0242E	42 mm
JGSBA0254E	54 mm

EQUAL TEE



2150

PART NUMBER	TUBE OD
JGSBA0335E	35 mm
JGSBA0342E	42 mm
JGSBA0354E	54 mm

REDUCING TEE



2150

PART NUMBER	TUBE OD	TUBE OD
JGSBA03353522E	35 mm	22 mm
JGSBA03353528E	35 mm	28 mm
JGSBA03424222E	42 mm	22 mm
JGSBA03424228E	42 mm	28 mm
JGSBA03424235E	42 mm	35 mm
JGSBA03545428E	54 mm	28 mm
JGSBA03545435E	54 mm	35 mm
JGSBA03545442E	54 mm	42 mm

BALL VALVES



2150

PART NUMBER	TUBE OD
JGSBA2735E	35 mm
JGSBA2742E	42 mm
JGSBA2754E	54 mm

END STOP



2150

PART NUMBER	TUBE OD
JGSBA0435E	35 mm
JGSBA0442E	42 mm
JGSBA0454E	54 mm

STANDARD FITTINGS

STRAIGHT CONNECTOR BSPT MALE



2150

PART NUMBER	TUBE OD	THREAD
JGSBA111515MT	15 mm	1/2" BSPT
JGSBA112220MT	22 mm	3/4" BSPT
JGSBA112825MT	28 mm	1" BSPT

STRAIGHT CONNECTOR BSPP FEMALE



2150

PART NUMBER	TUBE OD	THREAD
JGSBA111515F	15 mm	1/2" BSPP
JGSBA112220F	22 mm	3/4" BSPP

UXL FITTINGS

STRAIGHT CONNECTOR BSPT MALE



2150

PART NUMBER	TUBE OD	THREAD
JGSBA113532ME	35 mm	1 1/4" BSPT
JGSBA114240ME	42 mm	1 1/2" BSPT
JGSBA115450ME	54 mm	2" BSPT

STRAIGHT CONNECTOR BSPP FEMALE

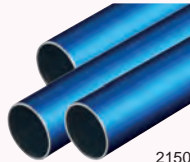


2150

PART NUMBER	TUBE OD	THREAD
JGSBA113532FE	35 mm	1 1/4" BSPP
JGSBA114240FE	42 mm	1 1/2" BSPP
JGSBA115450FE	54 mm	2" BSPP

TUBE & ACCESSORIES

Note: Tube working pressures are dependent on fittings used, please contact your distributor for further information



2150

ANODISED ALUMINIUM TUBE STANDARD

PART NUMBER	15mm	20mm	25mm	32mm
JGAL-IR1513-3M-20B	15	13	3	20
JGAL-IR2220-3M-20B	22	20	3	20
JGAL-IR2826-3M-10B	28	26	3	20

UXL

PART NUMBER	35mm	42mm	54mm	
JGAL-IR3531-3M-5B	35	31	3	20
JGAL-IR4238-3M-5B	42	38	3	20
JGAL-IR5450-3M-5B	54	50	3	20

PIPE CLIPS



2150

PART NUMBER	TUBE OD
JGSBA0855515	14 – 16 mm
JGSBA0855518	16 – 20 mm
JGSBA0855522	20 – 23 mm
JGSBA0855531	28 – 32 mm
JGSBA0855538	35 – 40 mm
JGSBA0855542	40 – 44 mm
JGSBA0855554	48 – 55 mm
JGSBA08555310	10 mm Spacer block

DEPTH MARKER DEMOUNTING CLIP



2150

PART NUMBER	TUBE OD
JGSB2915	15 mm
JGSB2922	22 mm
JGSB2928	28 mm

DEMOUNTING CLIP FOR UXL FITTINGS



2150

PART NUMBER	TUBE OD
JGUXLDC35	35 mm
JGUXLDC41	42 mm
JGUXLDC54	54 mm

DEMOUNTING TONGS



2150

PART NUMBER	TUBE OD
JGSB3015	15 mm
JGSB3022	22 mm
JGSB3028	28 mm

Do you also need?



Brass stem adaptors



Converts push-fit end to male / female thread

Find it on page 784, section thirteen

DEPTH / DEBURRING TOOL



2150

PART NUMBER	TUBE OD
JGUXLG03	35 – 54 mm



John Guest Ring Main System

Make Reliable Connections the Fast and Simple Way

John Guest's range of air and pneumatic push-fit fittings and pipes are designed to ensure quick and easy installation while guaranteeing airtight pipe connections. Their fittings are available in sizes ranging from 3 to 28 mm and are sturdy enough to meet the demands of small to mid-size applications such as garages and other commercial air piping systems.

What sets John Guest apart is their rapid assembly process that eliminates the need for tools, threaded pipes, solvent and glue. With a simple push-fit action, their unique collet locking design firmly and securely holds the pipe in place without deforming it or restricting flow. This feature makes their air systems easy to extend or alter and reduces maintenance and production downtime as fittings are fully demountable without using tools.

John Guest's fittings are available in rigid engineered plastic or brass. They also offer a unique water trap that removes moisture from the airline to improve system performance and longevity. Their versatile solution is designed to work with nylon, powder-coated aluminium pipe, or LLDPE pipe, and it is also compatible with copper, PEXa, and other soft metal pipes.

Features

- Acetal copolymer or brass fittings
- Push-fit connection ends
- Demountable design without using tools
- Secure collet cover to prevent accidental disconnection
- NBR O-ring & collet with stainless steel teeth
- Suitable for air & vacuum applications up to 10 bar

Benefits

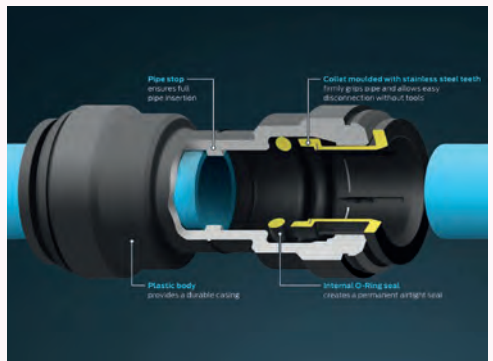
- Reliable leakproof solution that grips before it seals
- Instant, tool-free push-fit connection
- Corrosion-free solution that extends equipment lifecycle & reduces maintenance
- Fast and straightforward system alterations or extensions with minimal downtime
- Lightweight & easy to handle material
- A versatile solution that connects to metal or plastic pipe

Air System Configuration

The John Guest air & pneumatics system enables quick assembly from the compressor to the airline, including the complete ring main and take-off points.

Specifications

MATERIALS	
Bodies	Acetal copolymer
O-rings	NBR
Collets	Acetal copolymer with stainless steel teeth
TUBE TOLERANCES	
Size	12 mm to 28 mm OD
Tolerance	-0.10 mm to +0.05 mm OD



MAKING A CONNECTION

CONNECTING PUSH-FIT

Cutting the pipe



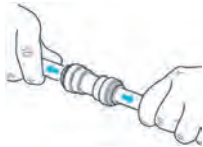
Cut the pipe square. Ideally use a John Guest pipe cutter for rigid nylon pipe & aluminium pipe cutters for aluminium pipe. To avoid damage to the O-ring remove any burrs & sharp edges.

Making the push-fit connection



Push the pipe up to the pipe stop.

Check the connection is secure



Pull to check a secure connection is made. Test the system before use.

DEMOUNTING PUSH-FIT

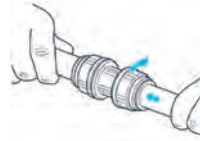
Demounting push-fit fittings



To disconnect, ensure the system is depressurised. Push the collet towards the fitting & remove the pipe. Fittings are reusable.

CONNECTING & DEMOUNTING SCREW CAP

Connecting screw cap fittings



After inserting the pipe, a 1/4 turn of the screw cap locks the collet in place & reduces lateral & sideways movement of the pipe.

Demounting screw cap fittings



To disconnect, 1/4 turn the screw cap, push the collet & remove the pipe. Fittings are reusable.

Note: Whilst we recommend the use of John Guest rigid nylon pipe, John Guest fittings can also be used with copper or aluminium pipe.



STRAIGHT CONNECTOR BSPP MALE WITH O-RING THREAD SEAL



2110

PART NUMBER	TUBE OD	THREAD
JGPM011513E	15 mm	3/8" BSPP
JGPM011514E	15 mm	1/2" BSPP
JGPM011516E*	15 mm	3/4" BSPP
JGPM011814E	18 mm	1/2" BSPP
JGPM012216E	22 mm	3/4" BSPP
JGPM012818E	28 mm	1" BSPP

* No thread seal



STEM ADAPTOR BSPP MALE WITH O-RING THREAD SEAL



2110

PART NUMBER	STEM OD	THREAD
JGPM051513E	15 mm	3/8" BSPP
JGPM051514E	15 mm	1/2" BSPP
JGPM051814E	18 mm	1/2" BSPP
JGPM052214E	22 mm	1/2" BSPP
JGPM052216E	22 mm	3/4" BSPP

Converts push-fit ends to male thread



STRAIGHT CONNECTOR



2110

PART NUMBER	TUBE OD
JGPM0415E	15 mm
JGPM0418E	18 mm
JGPM0422E	22 mm
JGPM0428E	28 mm



REDUCER



2110

PART NUMBER	STEM OD	TUBE OD
JGPM061510E	15 mm	10 mm
JGPM061512E	15 mm	12 mm
JGPM061815E	18 mm	15 mm
JGPM062215E	22 mm	15 mm
JGPM062218E	22 mm	18 mm
JGPM062815E	28 mm	15 mm
JGPM062822E	28 mm	22 mm

Do you also need?



12 mm fittings



Find it on pages 537 – 540, section eight



EQUAL TEE



2110

PART NUMBER	TUBE OD
JGPM0215E	15 mm
JGPM0218E	18 mm
JGPM0222E	22 mm
JGPM0228E	28 mm



EQUAL ELBOW



2110

PART NUMBER	TUBE OD
JGPM0315E	15 mm
JGPM0318E	18 mm
JGPM0322E	22 mm
JGPM0328E	28 mm



STEM ELBOW



2110

PART NUMBER	TUBE OD	STEM OD
JGPM221515E	15 mm	15 mm
JGPM221818E	18 mm	18 mm
JGPM222222E	22 mm	22 mm

Provides a swivel-type connector



REDUCING TEE



2110

PART NUMBER	TUBE OD ENDS	TUBE OD BRANCH
JGPM3018AE	18 mm	15 mm
JGPM3022AE	22 mm	15 mm



WATER TRAP TEE



2110

PART NUMBER	TUBE OD
JGPMTT22E	22 mm

The easy alternative to installing a 'Swan Neck'



U-BEND



2110

PART NUMBER	TUBE OD
JGPMUB15E	15 mm



END STOP



2110

PART NUMBER	TUBE OD
JGPM4612E	12 mm
JGPM4615E	15 mm
JGPM4622E	22 mm

BRASS COMPRESSED AIR FITTINGS

BRASS WINGBACK ELBOW

BSPP FEMALE



2110

PART NUMBER	TUBE OD	THREAD
JGPM15WB	15 mm	1/2" BSPP
JGPM22WB	22 mm	3/4" BSPP

BRASS STEM ADAPTOR

BSPT MALE



2110

PART NUMBER	STEM OD	THREAD
JGMM051504N	15 mm	1/2" BSPT
JGMM052206N	22 mm	3/4" BSPT
JGMM052818N	28 mm	1" BSPT

NPT MALE

JGMM052226N	22 mm	3/4" NPT
JGMM052228N	22 mm	1" NPT
JGMM052828N	28 mm	1" NPT

Converts push-fit ends to male thread

BRASS STEM ADAPTOR FEMALE THREAD



2110

PART NUMBER	STEM OD	THREAD
JGMM501514N	15 mm	1/2" BSPP
JGMM502216N	22 mm	3/4" BSPP

Converts push-fit ends to female thread

WATER TRAP TEE CONVERTOR



2110

PART NUMBER	TUBE OD
JGWTCT28	28 mm

Converts a 28 mm tee to a water trap tee

BRASS STRAIGHT ADAPTOR BSPT MALE



2110

PART NUMBER	TUBE OD	THREAD
JGMM011504N	15 mm	1/2" BSPT
JGMM012206N	22 mm	3/4" BSPT
JGMM012808N	28 mm	1" BSPT



PORTING BLOCK

PART NUMBER	CONNECTIONS
JG-L-WSK	5 x 1/2"

Supplied with blanking plugs



TUBE CUTTER LIGHT DUTY

PART NUMBER	DESCRIPTION
JGTSNIP	Tube cutter
JGBLADENIP	Blade

For up to & including 12 mm pipe



ALUMINIUM WALL BOX

PART NUMBER	SIZE
JGWALLBOX4	1/2"
JGWALLBOX5	3/4"

1/2" or 3/4" female thread on the top
Both products have 3 x 1/2" female threads on the side
Supplied with blanking plugs



PIPE CUTTER HEAVY DUTY

PART NUMBER	DESCRIPTION
JGHDC	Pipe cutter

For up to & including 28 mm pipe



JOHN GUEST LIGHT BLUE RIGID NYLON TUBE

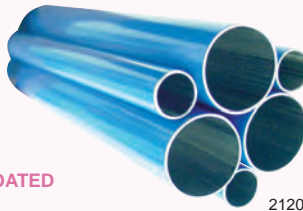
PART NUMBER	Ø	W	L	W
JGPARM1209	12	9	3	14
JGPARM1512	15	12	3	14
JGPARM1814	18	14	3	14
JGPARM2218	22	18	3	14
JGPARM2823	28	23	3	14



PIPE CUTTER MEDIUM DUTY

PART NUMBER	DESCRIPTION
JGJGTS	Disposable pipe cutter

For up to & including 22 mm pipe



JOHN GUEST POWDER COATED ALUMINIUM TUBE

PART NUMBER	Ø	W	L	W
JGAL-RM1513	15	13	3	20
JGAL-RM1816	18	16	3	20
JGAL-RM2220	22	20	3	20
JGAL-RM2826	28	26	3	20

Note:
Pipe working pressures
are dependent
on fittings used,
please contact your
distributor for further
information



PLUG



2110

PART NUMBER	STEM OD	COLOUR
JGPM0815E	15 mm	Black
JGPM0818E	18 mm	Black
JGPM0822E	22 mm	Black
JGPM0828E	28 mm	Black



FLOW BEND CLIP



2110

PART NUMBER	TUBE OD	METRIC EQ.
JGPM2608S	5/16"	8 mm
JGPM2610S	3/8"	10 mm

Designed to support pipe & eliminate kinking



PIPE CLIP



2110

PART NUMBER	TUBE OD
JGPM15TPC	15 mm
JGPM18TPC	18 mm
JGPM22TPC	22 mm
JGPM28TPC	28 mm
JGPMPCS	Pipe clip spacers

RELEASE AID



2110

PART NUMBER	TUBE OD
JG15RA	15 mm
JG22RA	22 mm
JG28RA	28 mm



LOCKING CLIP



2110

PART NUMBER	TUBE OD
JGPIC1808R	1/4"
JGPIC1812R	3/8"
JGPMC1815R	15 mm

Secures the collet in its position to prevent an accidental disconnection of the pipe

COLLET LOCKING TOOL



2110

PART NUMBER	SIZE
JGICLT/2	3/16" to 1/2"

COLLET COVERS

The slip-on collet cover prevents accidental pipe removal or tampering. The pipe can be inserted with the collet cover already attached to the fittings or the cover can slide into position afterwards. The cover is easily removed when required & comes in a variety of colours for colour coding.



COLLET COVERS
METRIC



2110

PART NUMBER	TUBE OD	COLOUR
JGPM1904E	4 mm	Black
JGPM1905E	5 mm	Black
JGPM1906E	6 mm	Black
JGPM1908E	8 mm	Black
JGPM1910E	10 mm	Black
JGPM1912E	12 mm	Black
JGPM1915E	15 mm	Black
JGPM1918E	18 mm	Black
JGPM1922E	22 mm	Black



COLLET COVERS
IMPERIAL



2110

PART NUMBER	TUBE OD	COLOUR
JGPM1904S	5/32"	Grey
JGPI1906S	3/16"	Grey
JGPI1908S	1/4"	Grey
JGPI1908G	1/4"	Green
JGPI1908R	1/4"	Red
JGPI1908Y	1/4"	Yellow
JGPM1908S	5/16"	Grey
JGPI1912S	3/8"	Grey
JGPI1912B	3/8"	Blue
JGPI1912G	3/8"	Green
JGPI1912R	3/8"	Red
JGPI1912Y	3/8"	Yellow
JGPI1916S	1/2"	Grey

● Items marked: minimum quantities may apply
Please ask at time of order

Tube & Fittings for Nitrogen Applications

Applications

- Ideal for transporting nitrogen, widely used in car repair workshops & assembly lines
- Compressed air
- Vacuum

Benefits

- Easy & quick to install
- Reduced pressure drop
- Corrosion resistance
- Fire resistance
- UV resistance
- Good shock resistance
- No welding



TUBE SPECIFICATIONS

Material	EN AW-6060 T6 aluminium
Treatment	Internal & external chromatising
Paint	RAL 6018 electrostatic painting
Temperature range	-20°C to +70°C (-4°F to +158°F)
Pressure	-0.8 to 15 bar

FITTING SPECIFICATIONS

Body	Black nylon
Coupling ring	Green nylon
Cutting ring	301 stainless steel
Sealing	NBR O-ring
Temperature range	-20°C to +70°C (-4°F to +158°F)
Pressure	-0.6 to 12.5 bar

TUBE FOR NITROGEN



ALUMINIUM TUBE
6 METRE LENGTH

5400

PART NUMBER	TUBE OD	TUBE ID	FLOW RATE @ 7 BAR
r059025022-6V	25 mm	22 mm	2727 l/min
r059040037-6V	40 mm	37 mm	10054 l/min

3 METRE LENGTH

r059025022-3V	25 mm	22 mm	2727 l/min
r059040037-3V	40 mm	37 mm	10054 l/min

90° BEND



5410

PART NUMBER	TUBE OD
r059025101V	25 mm

180° BEND



5410

PART NUMBER	TUBE OD
r059025102V	25 mm



DROP BEND



5410

PART NUMBER	TUBE OD
r059025100V	25 mm

'Z' BEND



5410

PART NUMBER	TUBE OD
r059025104V	25 mm

'S' BEND



5410

PART NUMBER	TUBE OD
r059025103V	25 mm

Carriage for 3 & 6 metre lengths charged at cost
Please ask for details



5410

EQUAL UNION

PART NUMBER	TUBE OD
rA210025025	25 mm
rA210040040	40 mm



5410

END CAP

PART NUMBER	TUBE OD
rA221025000	25 mm
rA221040000	40 mm



5410

90° EQUAL ELBOW

PART NUMBER	TUBE OD
rA213025025	25 mm
rA213040040	40 mm



5410

45° EQUAL ELBOW

PART NUMBER	TUBE OD
rA245025025	25 mm
rA245040040	40 mm



5410

EQUAL TEE

PART NUMBER	TUBE OD
rA214025000	25 mm
rA214040000	40 mm



5410

TEE FEMALE THREAD

PART NUMBER	TUBE OD	THREAD
rA215025012	25 mm	1/2"
rA215040001	40 mm	1"



5410

STRAIGHT CONNECTOR MALE

PART NUMBER	TUBE OD	THREAD
rA211025012	25 mm	1/2"
rA211025001	25 mm	1"
rA211025034	25 mm	3/4"
rA211040001	40 mm	1"
rA211040114	40 mm	1 1/4"
rA211040112	40 mm	1 1/2"



5410

ALUMINIUM STRAIGHT CONNECTOR FEMALE

PART NUMBER	TUBE OD	THREAD
rA202025034	25 mm	3/4"
rA202040114	40 mm	1 1/4"



5410

STRAIGHT CONNECTOR FEMALE

PART NUMBER	TUBE OD	THREAD
rA201025034	25 mm	3/4"
rA201040114	40 mm	1 1/4"



5410

COUPLING NUT

PART NUMBER	TUBE OD
rA209025000	25 mm
rA209040000	40 mm



DRY AIR DROP TEE



5410

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
rA247040025	40 mm	25 mm	40 mm

REDUCING TEE



5410

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
rA217040025	40 mm	25 mm	40 mm

**CONNECTION WITH JOINT
3 PIECES**



5410

PART NUMBER	TUBE OD	THREAD
rA220025034	25 mm	3/4"
rA220025001	25 mm	1"
rA220040114	40 mm	1 1/4"
rA220040112	40 mm	1 1/2"

**3 PIECE CONNECTOR
WITH BALL VALVE**



5410

PART NUMBER	TUBE OD	THREAD
rA225025034	25 mm	3/4"
rA225025001	25 mm	1"
rA225040114	40 mm	1 1/4"
rA225040112	40 mm	1 1/2"

**STRAIGHT CONNECTOR
WITH BALL VALVE**



5410

PART NUMBER	TUBE OD	THREAD
rA224025034	25 mm	3/4"
rA224025001	25 mm	1"
rA224040114	40 mm	1 1/4"
rA224040112	40 mm	1 1/2"

**END CAP
WITH MINI BALL VALVE**



5410

PART NUMBER	TUBE OD
rA249025034	25 mm
rA249040114	40 mm

Do you also need?

**Adhesives, cleaners
& lubricators**



Find it on pages 921 – 933, section fifteen

Tube & Fittings for Vacuum Applications

Features

Sicomat vacuum pipes and fittings offer a simple, cost-effective, and quick installation solution for central vacuum systems in auto repair shops and production lines. The system is based on an aluminium conduit, which is externally powder-coated (RAL 7040) and internally phosphochromatised. This conduit forms the basis of the Sicomat vacuum lines.

A 63 mm diameter strikes an optimal balance between system compactness and intake volumes. This diameter ensures extremely low friction coefficients inside the pipe, making it an efficient solution for the intended purpose.

The System

- Easy & rapid installation
- Reduced pressure drop
- Corrosion resistance
- Reusable
- Fire resistant
- UV resistant
- Good shock resistance
- No welding



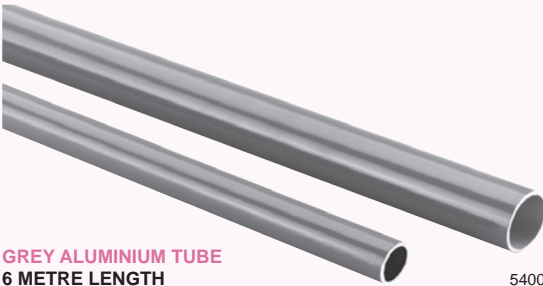
PIPES SPECIFICATIONS

Material	Aluminium EN AW-6060 T6
Coating	RAL 7001 electrostatic coating
Temperature	-20°C to +70°C
Pressure	-0.8 to +15 bar
Compatible fluids	Compressed air vacuum nitrogen

FITTINGS SPECIFICATIONS

Body	Black nylon
Coupling ring	Grey nylon
Ring	301 stainless steel
Sealing	NBR O-ring
Temperature	-20°C to +70°C
Pressure	-0.6 to +12.5 bar
Compatible fluids	Compressed air vacuum nitrogen

TUBE FOR VACUUM



GREY ALUMINIUM TUBE
6 METRE LENGTH

5400

PART NUMBER	TUBE OD	TUBE ID
r0590630596G	63 mm	59 mm

FITTINGS FOR VACUUM

EQUAL UNION



5410

PART NUMBER	TUBE OD
rV210063063	63 mm

EQUAL ELBOW



5410

PART NUMBER	TUBE OD
rV213063063	63 mm

45° ELBOW



5410

PART NUMBER	TUBE OD
rV245063063	63 mm

Carriage for
6 metre lengths
charged at cost

Please ask for
details



EQUAL TEE

PART NUMBER	TUBE OD
rV214063000	63 mm



TEE FEMALE

PART NUMBER	TUBE OD	THREAD
rV215063002	63 mm	2"



STRAIGHT COUPLING MALE

PART NUMBER	TUBE OD	THREAD
rV211063002	63 mm	2"
rV211063212	63 mm	2 1/2"



ALUMINIUM STRAIGHT COUPLING MALE

PART NUMBER	TUBE OD	THREAD
rV203063002	63 mm	2"



STRAIGHT COUPLING FEMALE

PART NUMBER	TUBE OD	THREAD
rV201063002	63 mm	2"



ALUMINIUM STRAIGHT COUPLING FEMALE

PART NUMBER	TUBE OD	THREAD
rV202063002	63 mm	2"



END CAP

PART NUMBER	TUBE OD
rV221063000	63 mm



STRAIGHT UNION COUPLING 3 PIECE

PART NUMBER	TUBE OD	THREAD
rV220063002	63 mm	2"
rV220063212	63 mm	2 1/2"



STRAIGHT UNION COUPLING WITH BALL VALVE

PART NUMBER	TUBE OD	THREAD
rV224063002	63 mm	2"
rV224063212	63 mm	2 1/2"



STRAIGHT UNION COUPLING 3 PIECE WITH BALL VALVE

PART NUMBER	TUBE OD	THREAD
rV225063002	63 mm	2"
rV225063212	63 mm	2 1/2"



GREY NUT

PART NUMBER	TUBE OD
rV209063000	63 mm

Do you also need?



Gripping O-ring



Available from 20 mm to 63 mm

Find it on page 771, section thirteen



PARKAIR® Malleable Cast Iron Fittings

Standard References

The characteristics of malleable cast iron threaded pipe fittings for water, gas, and other installations in this catalogue conform to the international ISO 49 and the European EN 10242 standards. Please note the most recent specification of fittings according to ISO 49 and EN 10242, the so-called 'design symbol.' This symbol describes the material and the form of the thread. The symbol 'A' designates the following product versions. The material used is high-quality white heart malleable cast iron according to EN 1562: EN-GJMW-400-5.

Quality Assurance

Our fittings are certified to withstand 40 bar of hydrostatic pressure according to DIN ISO 9001/2008.

Surface Layer

We can supply black or galvanised (hot-dip, zinc-coated) fittings upon request. A temporary protective layer is also applied to prevent superficial rust.

Assembly of Unions

It is essential to clean the conical seats before assembly to achieve a sealing effect without using a gasket on taper seat unions (96, 98, 340, 341). Apply a thin lubricant film on both conical surfaces, such as oil or EN 7512-compliant lubricant (such as Loctite® 8104). It is possible to reuse taper seat unions, but please note that PARKAIR does not guarantee sealing performance in this case.

Designation of Size

Fitting size is designated as follows:

- Fittings with all outlets of the same size are referred to by one size regardless of the number of outlets.
- Fittings with two outlets of different sizes are specified by their outlets in decreasing order (first, the larger, followed by the smaller outlet).
- Fittings with more than two different size outlets and a reducing on run, or with three other outlets, are specified as follows:
- Additionally, unequal fittings with more than two outlets but no reduction on the run are specified according to the following method:
 1. Tees 81 with equal outlets on the run and an increasing or decreasing outlet on the branch are specified by the size of the run followed by the branch size. For example: 1 1/2" – 3/4"
 2. In reducing cross C1, the size of the most extensive run is specified first, followed by the size of the two smaller (but equal) branches. For example, 1 1/2" – 1".



BLACK

GALVANISED

SOCKET
BSPP FEMALE



5310

PART NUMBER	THREAD
AL-270C4	3/8" BSPP
AL-270D4	1/2" BSPP
AL-270E4	3/4" BSPP
AL-270F4	1" BSPP
AL-270G4	1 1/4" BSPP
AL-270H4	1 1/2" BSPP
AL-270L4	2" BSPP

SOCKET
BSPP FEMALE



5320

PART NUMBER	THREAD
AL-270C9	3/8" BSPP
AL-270D9	1/2" BSPP
AL-270E9	3/4" BSPP
AL-270F9	1" BSPP
AL-270G9	1 1/4" BSPP
AL-270H9	1 1/2" BSPP
AL-270L9	2" BSPP
AL-270M9	2 1/2" BSPP
AL-270N9	3" BSPP
AL-270P9	4" BSPP

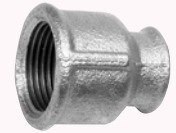
REDUCING SOCKET
BSPP FEMALE



5310

PART NUMBER	THREAD	THREAD
AL-240DC4	1/2" BSPP	3/8" BSPP
AL-240ED4	3/4" BSPP	1/2" BSPP
AL-240FD4	1" BSPP	1/2" BSPP
AL-240FE4	1" BSPP	3/4" BSPP
AL-240GF4	1 1/4" BSPP	1" BSPP
AL-240HE4	1 1/2" BSPP	3/4" BSPP
AL-240HF4	1 1/2" BSPP	1" BSPP
AL-240HG4	1 1/2" BSPP	1 1/4" BSPP
AL-240LF4	2" BSPP	1" BSPP
AL-240LH4	2" BSPP	1 1/2" BSPP

REDUCING SOCKET
BSPP FEMALE



5320

PART NUMBER	THREAD	THREAD
AL-240DC9	1/2" BSPP	3/8" BSPP
AL-240ED9	3/4" BSPP	1/2" BSPP
AL-240FD9	1" BSPP	1/2" BSPP
AL-240FE9	1" BSPP	3/4" BSPP
AL-240GF9	1 1/4" BSPP	1" BSPP
AL-240HE9	1 1/2" BSPP	3/4" BSPP
AL-240HF9	1 1/2" BSPP	1" BSPP
AL-240HG9	1 1/2" BSPP	1 1/4" BSPP
AL-240LF9	2" BSPP	1" BSPP
AL-240LH9	2" BSPP	1 1/2" BSPP

EQUAL HEX NIPPLE
BSPT MALE



5310

PART NUMBER	THREAD
AL-280C4	3/8" BSPT
AL-280D4	1/2" BSPT
AL-280E4	3/4" BSPT
AL-280F4	1" BSPT
AL-280G4	1 1/4" BSPT
AL-280H4	1 1/2" BSPT
AL-280L4	2" BSPT

EQUAL HEX NIPPLE
BSPT MALE



5320

PART NUMBER	THREAD
AL-280C9	3/8" BSPT
AL-280D9	1/2" BSPT
AL-280E9	3/4" BSPT
AL-280F9	1" BSPT
AL-280G9	1 1/4" BSPT
AL-280H9	1 1/2" BSPT
AL-280L9	2" BSPT
AL-280M9	2 1/2" BSPT
AL-280N9	3" BSPT
AL-280P9	4" BSPT

REDUCING HEX NIPPLE
BSPT MALE



5310

PART NUMBER	THREAD	THREAD
AL-245DC4	1/2" BSPT	3/8" BSPT
AL-245ED4	3/4" BSPT	1/2" BSPT
AL-245FD4	1" BSPT	1/2" BSPT
AL-245FE4	1" BSPT	3/4" BSPT
AL-245GF4	1 1/4" BSPT	1" BSPT
AL-245HF4	1 1/2" BSPT	1" BSPT
AL-245HG4	1 1/2" BSPT	1 1/4" BSPT
AL-245LF4	2" BSPT	1" BSPT
AL-245LH4	2" BSPT	1 1/2" BSPT

REDUCING HEX NIPPLE
BSPT MALE



5320

PART NUMBER	THREAD	THREAD
AL-245DC9	1/2" BSPT	3/8" BSPT
AL-245ED9	3/4" BSPT	1/2" BSPT
AL-245FD9	1" BSPT	1/2" BSPT
AL-245FE9	1" BSPT	3/4" BSPT
AL-245GF9	1 1/4" BSPT	1" BSPT
AL-245HF9	1 1/2" BSPT	1" BSPT
AL-245HG9	1 1/2" BSPT	1 1/4" BSPT
AL-245LF9	2" BSPT	1" BSPT
AL-245LH9	2" BSPT	1 1/2" BSPT

BLACK



**EQUAL 90° ELBOW
BSPP FEMALE**

5310

PART NUMBER	THREAD
AL-090C4	3/8" BSPP
AL-090D4	1/2" BSPP
AL-090E4	3/4" BSPP
AL-090F4	1" BSPP
AL-090G4	1 1/4" BSPP
AL-090H4	1 1/2" BSPP
AL-090L4	2" BSPP

GALVANISED



**EQUAL 90° ELBOW
BSPP FEMALE**

5320

PART NUMBER	THREAD
AL-090C9	3/8" BSPP
AL-090D9	1/2" BSPP
AL-090E9	3/4" BSPP
AL-090F9	1" BSPP
AL-090G9	1 1/4" BSPP
AL-090H9	1 1/2" BSPP
AL-090L9	2" BSPP
AL-090M9	2 1/2" BSPP
AL-090N9	3" BSPP
AL-090P9	4" BSPP



**90° REDUCING ELBOW
BSPP FEMALE**

5310

PART NUMBER	THREAD	THREAD
AL-090ED4	3/4" BSPP	1/2" BSPP
AL-090FD4	1" BSPP	1/2" BSPP
AL-090FE4	1" BSPP	3/4" BSPP
AL-090GE4	1 1/4" BSPP	3/4" BSPP
AL-090GF4	1 1/4" BSPP	1" BSPP
AL-090HF4	1 1/2" BSPP	1" BSPP



**90° REDUCING ELBOW
BSPP FEMALE**

5320

PART NUMBER	THREAD	THREAD
AL-090ED9	3/4" BSPP	1/2" BSPP
AL-090FD9	1" BSPP	1/2" BSPP
AL-090FE9	1" BSPP	3/4" BSPP
AL-090GE9	1 1/4" BSPP	3/4" BSPP
AL-090GF9	1 1/4" BSPP	1" BSPP
AL-090HE9	1 1/2" BSPP	3/4" BSPP
AL-090HF9	1 1/2" BSPP	1" BSPP



**90° ELBOW
BSPT MALE / BSPP FEMALE**

5310

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-092C4	3/8" BSPT	3/8" BSPP
AL-092D4	1/2" BSPT	1/2" BSPP
AL-092E4	3/4" BSPT	3/4" BSPP
AL-092F4	1" BSPT	1" BSPP
AL-092G4	1 1/4" BSPT	1 1/4" BSPP
AL-092H4	1 1/2" BSPT	1 1/2" BSPP
AL-092L4	2" BSPT	2" BSPP



**90° ELBOW
BSPT MALE / BSPP FEMALE**

5320

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-092C9	3/8" BSPT	3/8" BSPP
AL-092D9	1/2" BSPT	1/2" BSPP
AL-092E9	3/4" BSPT	3/4" BSPP
AL-092F9	1" BSPT	1" BSPP
AL-092G9	1 1/4" BSPT	1 1/4" BSPP
AL-092H9	1 1/2" BSPT	1 1/2" BSPP
AL-092L9	2" BSPT	2" BSPP
AL-092M9	2 1/2" BSPT	2 1/2" BSPP
AL-092N9	3" BSPT	3" BSPP
AL-092P9	4" BSPT	4" BSPP



**45° EQUAL BEND
BSPP FEMALE**

5310

PART NUMBER	THREAD
AL-041D4	1/2" BSPP
AL-041E4	3/4" BSPP
AL-041G4	1 1/4" BSPP
AL-041H4	1 1/2" BSPP
AL-041L4	2" BSPP



**45° EQUAL BEND
BSPP FEMALE**

5320

PART NUMBER	THREAD
AL-041D9	1/2" BSPP
AL-041E9	3/4" BSPP
AL-041F9	1" BSPP
AL-041G9	1 1/4" BSPP
AL-041H9	1 1/2" BSPP
AL-041L9	2" BSPP

BLACK

GALVANISED

90° EQUAL BEND
BSPT MALE / BSPP FEMALE



5310

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-001D4	1/2" BSPT	1/2" BSPP
AL-001E4	3/4" BSPT	3/4" BSPP
AL-001F4	1" BSPT	1" BSPP
AL-001G4	1 1/4" BSPT	1 1/4" BSPP
AL-001H4	1 1/2" BSPT	1 1/2" BSPP
AL-001L4	2" BSPT	2" BSPP

90° EQUAL BEND
BSPT MALE / BSPP FEMALE



5320

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-001D9	1/2" BSPT	1/2" BSPP
AL-001E9	3/4" BSPT	3/4" BSPP
AL-001F9	1" BSPT	1" BSPP
AL-001G9	1 1/4" BSPT	1 1/4" BSPP
AL-001H9	1 1/2" BSPT	1 1/2" BSPP
AL-001L9	2" BSPT	2" BSPP
AL-001N9	3" BSPT	3" BSPP

90° EQUAL BEND
BSPP FEMALE



5310

PART NUMBER	THREAD
AL-002D4	1/2" BSPP
AL-002E4	3/4" BSPP
AL-002F4	1" BSPP
AL-002G4	1 1/4" BSPP
AL-002H4	1 1/2" BSPP
AL-002L4	2" BSPP

90° EQUAL BEND
BSPP FEMALE



5320

PART NUMBER	THREAD
AL-002D9	1/2" BSPP
AL-002E9	3/4" BSPP
AL-002F9	1" BSPP
AL-002G9	1 1/4" BSPP
AL-002H9	1 1/2" BSPP
AL-002L9	2" BSPP
AL-002N9	3" BSPP

45° EQUAL BEND
BSPT MALE / BSPP FEMALE



5310

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-040D4	1/2" BSPT	1/2" BSPP
AL-040E4	3/4" BSPT	3/4" BSPP
AL-040F4	1" BSPT	1" BSPP
AL-040G4	1 1/4" BSPT	1 1/4" BSPP
AL-040H4	1 1/2" BSPT	1 1/2" BSPP
AL-040L4	2" BSPT	2" BSPP

45° EQUAL BEND
BSPT MALE / BSPP FEMALE



5320

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-040D9	1/2" BSPT	1/2" BSPP
AL-040E9	3/4" BSPT	3/4" BSPP
AL-040F9	1" BSPT	1" BSPP
AL-040G9	1 1/4" BSPT	1 1/4" BSPP
AL-040H9	1 1/2" BSPT	1 1/2" BSPP
AL-040L9	2" BSPT	2" BSPP

UNION TAPER SEAT
BSPP FEMALE



5310

PART NUMBER	THREAD
AL-340D4	1/2" BSPP
AL-340E4	3/4" BSPP
AL-340F4	1" BSPP
AL-340G4	1 1/4" BSPP
AL-340H4	1 1/2" BSPP
AL-340L4	2" BSPP

UNION TAPER SEAT
BSPP FEMALE



5320

PART NUMBER	THREAD
AL-340D9	1/2" BSPP
AL-340E9	3/4" BSPP
AL-340F9	1" BSPP
AL-340G9	1 1/4" BSPP
AL-340H9	1 1/2" BSPP
AL-340L9	2" BSPP
AL-340N9	3" BSPP

HEX BLANKING CAP
BSPP FEMALE



5310

PART NUMBER	THREAD
AL-300D4	1/2" BSPP
AL-300E4	3/4" BSPP
AL-300F4	1" BSPP
AL-300G4	1 1/4" BSPP
AL-300H4	1 1/2" BSPP
AL-300L4	2" BSPP

HEX BLANKING CAP
BSPP FEMALE



5320

PART NUMBER	THREAD
AL-300D9	1/2" BSPP
AL-300E9	3/4" BSPP
AL-300F9	1" BSPP
AL-300G9	1 1/4" BSPP
AL-300H9	1 1/2" BSPP
AL-300L9	2" BSPP

BLACK



**UNION TAPER SEAT
BSPT MALE / BSPP FEMALE**

5310

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-341D4	1/2" BSPT	1/2" BSPP
AL-341E4	3/4" BSPT	3/4" BSPP
AL-341F4	1" BSPT	1" BSPP
AL-341G4	1 1/4" BSPT	1 1/4" BSPP
AL-341H4	1 1/2" BSPT	1 1/2" BSPP
AL-341L4	2" BSPT	2" BSPP

GALVANISED



**UNION TAPER SEAT
BSPT MALE / BSPP FEMALE**

5320

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-341D9	1/2" BSPT	1/2" BSPP
AL-341E9	3/4" BSPT	3/4" BSPP
AL-341F9	1" BSPT	1" BSPP
AL-341G9	1 1/4" BSPT	1 1/4" BSPP
AL-341H9	1 1/2" BSPT	1 1/2" BSPP
AL-341L9	2" BSPT	2" BSPP
AL-341N9	3" BSPT	3" BSPP



**90° UNION ELBOW
BSPP FEMALE**

5310

PART NUMBER	THREAD
AL-096D4	1/2" BSPP
AL-096E4	3/4" BSPP
AL-096F4	1" BSPP
AL-096G4	1 1/4" BSPP
AL-096H4	1 1/2" BSPP
AL-096L4	2" BSPP



**90° UNION ELBOW
BSPP FEMALE**

5320

PART NUMBER	THREAD
AL-096D9	1/2" BSPP
AL-096E9	3/4" BSPP
AL-096F9	1" BSPP
AL-096G9	1 1/4" BSPP
AL-096H9	1 1/2" BSPP
AL-096L9	2" BSPP



**90° UNION ELBOW
BSPT MALE / BSPP FEMALE**

5310

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-098D4	1/2" BSPT	1/2" BSPP
AL-098E4	3/4" BSPT	3/4" BSPP
AL-098F4	1" BSPT	1" BSPP
AL-098G4	1 1/4" BSPT	1 1/4" BSPP
AL-098H4	1 1/2" BSPT	1 1/2" BSPP
AL-098L4	2" BSPT	2" BSPP



**90° UNION ELBOW
BSPT MALE / BSPP FEMALE**

5320

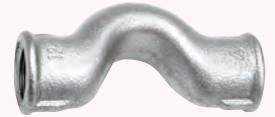
PART NUMBER	MALE THREAD	FEMALE THREAD
AL-098D9	1/2" BSPT	1/2" BSPP
AL-098E9	3/4" BSPT	3/4" BSPP
AL-098F9	1" BSPT	1" BSPP
AL-098G9	1 1/4" BSPT	1 1/4" BSPP
AL-098H9	1 1/2" BSPT	1 1/2" BSPP
AL-098L9	2" BSPT	2" BSPP



CROSSOVER

5310

PART NUMBER	SIZE	LENGTH
AL-085D4	1/2"	92 mm
AL-085E4	3/4"	110 mm



CROSSOVER

5320

PART NUMBER	SIZE	LENGTH
AL-085D9	1/2"	92 mm
AL-085E9	3/4"	110 mm



**REDUCING SOCKET
BSPP FEMALE / BSPT MALE**

5310

PART NUMBER	FEMALE THREAD	MALE THREAD
AL-246ED4	3/4" BSPP	1/2" BSPT
AL-246FE4	1" BSPP	3/4" BSPT
AL-246GF4	1 1/4" BSPP	1" BSPT



**REDUCING SOCKET
BSPP FEMALE / BSPT MALE**

5320

PART NUMBER	FEMALE THREAD	MALE THREAD
AL-246ED9	3/4" BSPP	1/2" BSPT
AL-246FE9	1" BSPP	3/4" BSPT
AL-246GF9	1 1/4" BSPP	1" BSPT

BLACK

GALVANISED

**EQUAL TEE
BSPP FEMALE**



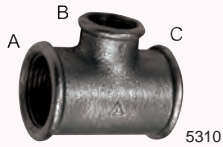
PART NUMBER	THREAD
AL-130C4	3/8" BSPP
AL-130D4	1/2" BSPP
AL-130E4	3/4" BSPP
AL-130F4	1" BSPP
AL-130G4	1 1/4" BSPP
AL-130H4	1 1/2" BSPP
AL-130L4	2" BSPP

**EQUAL TEE
BSPP FEMALE**



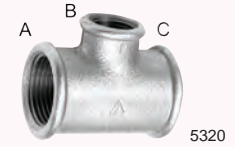
PART NUMBER	THREAD
AL-130C9	3/8" BSPP
AL-130D9	1/2" BSPP
AL-130E9	3/4" BSPP
AL-130F9	1" BSPP
AL-130G9	1 1/4" BSPP
AL-130H9	1 1/2" BSPP
AL-130L9	2" BSPP
AL-130M9	2 1/2" BSPP
AL-130N9	3" BSPP
AL-130P9	4" BSPP

**TEE REDUCING ON BRANCH
BSPP FEMALE**



PART NUMBER	THREAD A	THREAD B	THREAD C
AL-130ED4	3/4"	1/2"	3/4"
AL-130FD4	1"	1/2"	1"
AL-130FE4	1"	3/4"	1"
AL-130GD4	1 1/4"	1/2"	1 1/4"
AL-130GE4	1 1/4"	3/4"	1 1/4"
AL-130GF4	1 1/4"	1"	1 1/4"
AL-130HD4	1 1/2"	1/2"	1 1/2"
AL-130HF4	1 1/2"	1"	1 1/2"
AL-130LD4	2"	1/2"	2"
AL-130LE4	2"	3/4"	2"
AL-130LF4	2"	1"	2"
AL-130LG4	2"	1 1/4"	2"
AL-130LH4	2"	1 1/2"	2"

**TEE REDUCING ON BRANCH
BSPP FEMALE**



PART NUMBER	THREAD A	THREAD B	THREAD C
AL-130ED9	3/4"	1/2"	3/4"
AL-130FD9	1"	1/2"	1"
AL-130FE9	1"	3/4"	1"
AL-130GD9	1 1/4"	1/2"	1 1/4"
AL-130GE9	1 1/4"	3/4"	1 1/4"
AL-130GF9	1 1/4"	1"	1 1/4"
AL-130HD9	1 1/2"	1/2"	1 1/2"
AL-130HF9	1 1/2"	1"	1 1/2"
AL-130LD9	2"	1/2"	2"
AL-130LE9	2"	3/4"	2"
AL-130LF9	2"	1"	2"
AL-130LG9	2"	1 1/4"	2"
AL-130LH9	2"	1 1/2"	2"

**EQUAL CROSS
BSPP FEMALE**



PART NUMBER	THREAD
AL-180D4	1/2" BSPP
AL-180E4	3/4" BSPP
AL-180F4	1" BSPP
AL-180G4	1 1/4" BSPP
AL-180H4	1 1/2" BSPP
AL-180L4	2" BSPP

**EQUAL CROSS
BSPP FEMALE**



PART NUMBER	THREAD
AL-180D9	1/2" BSPP
AL-180E9	3/4" BSPP
AL-180F9	1" BSPP
AL-180G9	1 1/4" BSPP
AL-180H9	1 1/2" BSPP
AL-180L9	2" BSPP

**BACKNUT
BSPP FEMALE**



PART NUMBER	THREAD
AL-310D4	1/2" BSPP
AL-310E4	3/4" BSPP
AL-310F4	1" BSPP
AL-310G4	1 1/4" BSPP
AL-310H4	1 1/2" BSPP
AL-310L4	2" BSPP

**BACKNUT
BSPP FEMALE**



PART NUMBER	THREAD
AL-310D9	1/2" BSPP
AL-310E9	3/4" BSPP
AL-310F9	1" BSPP
AL-310G9	1 1/4" BSPP
AL-310H9	1 1/2" BSPP
AL-310L9	2" BSPP

BLACK



REDUCING BUSH
BSPT MALE / BSPP FEMALE

5310

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-241DC4	1/2" BSPT	3/8" BSPP
AL-241EC4	3/4" BSPT	3/8" BSPP
AL-241ED4	3/4" BSPT	1/2" BSPP
AL-241FD4	1" BSPT	1/2" BSPP
AL-241FE4	1" BSPT	3/4" BSPP
AL-241GD4	1 1/4" BSPT	1/2" BSPP
AL-241GE4	1 1/4" BSPT	3/4" BSPP
AL-241GF4	1 1/4" BSPT	1" BSPP
AL-241HD4	1 1/2" BSPT	1/2" BSPP
AL-241HE4	1 1/2" BSPT	3/4" BSPP
AL-241HF4	1 1/2" BSPT	1" BSPP
AL-241HG4	1 1/2" BSPT	1 1/4" BSPP
AL-241LF4	2" BSPT	1" BSPP
AL-241LG4	2" BSPT	1 1/4" BSPP
AL-241LH4	2" BSPT	1 1/2" BSPP

GALVANISED



REDUCING BUSH
BSPT MALE / BSPP FEMALE

5320

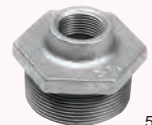
PART NUMBER	MALE THREAD	FEMALE THREAD
AL-241DC9	1/2" BSPT	3/8" BSPP
AL-241EC9	3/4" BSPT	3/8" BSPP
AL-241ED9	3/4" BSPT	1/2" BSPP
AL-241FD9	1" BSPT	1/2" BSPP
AL-241FE9	1" BSPT	3/4" BSPP
AL-241GD9	1 1/4" BSPT	1/2" BSPP
AL-241GE9	1 1/4" BSPT	3/4" BSPP
AL-241GF9	1 1/4" BSPT	1" BSPP
AL-241HD9	1 1/2" BSPT	1/2" BSPP
AL-241HE9	1 1/2" BSPT	3/4" BSPP
AL-241HF9	1 1/2" BSPT	1" BSPP
AL-241HG9	1 1/2" BSPT	1 1/4" BSPP
AL-241LF9	2" BSPT	1" BSPP
AL-241LG9	2" BSPT	1 1/4" BSPP
AL-241LH9	2" BSPT	1 1/2" BSPP
AL-241ML9	2 1/2" BSPT	2" BSPP
AL-241NL9	3" BSPT	2" BSPP
AL-241NM9	3" BSPT	2 1/2" BSPP
AL-241PM9	4" BSPT	2 1/2" BSPP
AL-241PN9	4" BSPT	3" BSPP



REDUCING BUSH
BSPT MALE / BSPP FEMALE

5310

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-241LD4	2" BSPT	1/2" BSPP
AL-241LE4	2" BSPT	3/4" BSPP



REDUCING BUSH
BSPT MALE / BSPP FEMALE

5320

PART NUMBER	MALE THREAD	FEMALE THREAD
AL-241LD9	2" BSPT	1/2" BSPP
AL-241LE9	2" BSPT	3/4" BSPP
AL-241NH9	3" BSPT	1 1/2" BSPP
AL-241PL9	4" BSPT	2" BSPP



BANDED PLUG
BSPT MALE

5310

PART NUMBER	THREAD	TYPE
AL-290C4	3/8" BSPT	Solid
AL-290D4	1/2" BSPT	Hollow
AL-290E4	3/4" BSPT	Hollow
AL-290F4	1" BSPT	Hollow
AL-290G4	1 1/4" BSPT	Hollow
AL-290H4	1 1/2" BSPT	Hollow
AL-290L4	2" BSPT	Hollow



BANDED PLUG
BSPT MALE

5320

PART NUMBER	THREAD	TYPE
AL-290C9	3/8" BSPT	Solid
AL-290D9	1/2" BSPT	Hollow
AL-290E9	3/4" BSPT	Hollow
AL-290F9	1" BSPT	Hollow
AL-290G9	1 1/4" BSPT	Hollow
AL-290H9	1 1/2" BSPT	Hollow
AL-290L9	2" BSPT	Hollow
AL-290M9	2 1/2" BSPT	Hollow
AL-290N9	3" BSPT	Hollow
AL-290P9	4" BSPT	Hollow



HOLLOW PLUG
BSPT MALE

5310

PART NUMBER	THREAD
AL-291D4	1/2" BSPT
AL-291E4	3/4" BSPT
AL-291F4	1" BSPT



HOLLOW PLUG
BSPT MALE

5320

PART NUMBER	THREAD
AL-291D9	1/2" BSPT
AL-291E9	3/4" BSPT
AL-291F9	1" BSPT

BS EN 10255 MEDIUM RED OXIDE MILD STEEL TUBE

Seam welded pipe in mild steel with a red oxide primer painted finish
Dual certified to BS EN 10255:2004 (previously BS 1387)
& BS EN 10217-1:2002

BS EN 10255 MEDIUM GALVANISED MILD STEEL TUBE

Seam welded pipe in mild steel with a HDG galvanised finish
Dual certified to BS EN 10255:2004 (previously BS 1387)
& BS EN 10217-1:2002

WORKING PRESSURES	AIR / STEAM	WATER
1/2"	17 bar	35 bar
3/4"	17 bar	35 bar
1"	17 bar	35 bar
1 1/4"	14 bar	28 bar
1 1/2"	14 bar	28 bar
2"	12 bar	24 bar

RED OXIDE PRIMED

3.25 METRE MEDIUM SCREWED & SOCKETED PIPE BSPT MALE



5330

PART NUMBER	THREAD
AL-BP08SS	1/2" BSPT
AL-BP12SS	3/4" BSPT
AL-BP16SS	1" BSPT
AL-BP20SS	1 1/4" BSPT
AL-BP24SS	1 1/2" BSPT
AL-BP32SS	2" BSPT
AL-BP40SS	2 1/2" BSPT
AL-BP48SS	3" BSPT
AL-BP64SS	4" BSPT

6.5 METRE MEDIUM SCREWED & SOCKETED PIPE BSPT MALE



5330

PART NUMBER	THREAD
AL-BP08SS6	1/2" BSPT
AL-BP12SS6	3/4" BSPT
AL-BP16SS6	1" BSPT
AL-BP20SS6	1 1/4" BSPT
AL-BP24SS6	1 1/2" BSPT
AL-BP32SS6	2" BSPT
AL-BP40SS6	2 1/2" BSPT
AL-BP48SS6	3" BSPT
AL-BP64SS6	4" BSPT



Tube NB,
Nominal bore or
nominal pipe size

GALVANISED

3.25 METRE MEDIUM SCREWED & SOCKETED PIPE BSPT MALE



5330

PART NUMBER	THREAD
AL-GP08SS	1/2" BSPT
AL-GP12SS	3/4" BSPT
AL-GP16SS	1" BSPT
AL-GP20SS	1 1/4" BSPT
AL-GP24SS	1 1/2" BSPT
AL-GP32SS	2" BSPT
AL-GP40SS	2 1/2" BSPT
AL-GP48SS	3" BSPT
AL-GP64SS	4" BSPT

6.5 METRE MEDIUM SCREWED & SOCKETED PIPE BSPT MALE



5330

PART NUMBER	THREAD
AL-GP08SS6	1/2" BSPT
AL-GP12SS6	3/4" BSPT
AL-GP16SS6	1" BSPT
AL-GP20SS6	1 1/4" BSPT
AL-GP24SS6	1 1/2" BSPT
AL-GP32SS6	2" BSPT
AL-GP40SS6	2 1/2" BSPT
AL-GP48SS6	3" BSPT
AL-GP64SS6	4" BSPT

JOINTING COMPOUND



BOSS WHITE JOINTING COMPOUND 5340

PART NUMBER	SIZE
AL-BOSSW400	400 g

For use with steam, air, natural gas & non-potable water applications.
Conforms to BS6956 Part 5 1992

BLACK



BARREL NIPPLE BSPT MALE 5340

PART NUMBER	THREAD	LENGTH
AL-531A4	1/8" BSPT	32 mm
AL-531B4	1/4" BSPT	38 mm
AL-531C4	3/8" BSPT	38 mm
AL-531D4	1/2" BSPT	51 mm
AL-531E4	3/4" BSPT	54 mm
AL-531F4	1" BSPT	60 mm
AL-531G4	1 1/4" BSPT	70 mm
AL-531H4	1 1/2" BSPT	70 mm
AL-531L4	2" BSPT	79 mm
AL-531M4	2 1/2" BSPT	89 mm
AL-531N4	3" BSPT	102 mm
AL-531P4	4" BSPT	114 mm

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BARREL NIPPLE BSPT MALE 5340

PART NUMBER	THREAD	LENGTH
AL-531A9	1/8" BSPT	32 mm
AL-531B9	1/4" BSPT	38 mm
AL-531C9	3/8" BSPT	38 mm
AL-531D9	1/2" BSPT	51 mm
AL-531E9	3/4" BSPT	54 mm
AL-531F9	1" BSPT	60 mm
AL-531G9	1 1/4" BSPT	70 mm
AL-531H9	1 1/2" BSPT	70 mm
AL-531L9	2" BSPT	79 mm
AL-531M9	2 1/2" BSPT	89 mm
AL-531N9	3" BSPT	102 mm
AL-531P9	4" BSPT	114 mm



BASE PLATE METRIC FEMALE 5340

PART NUMBER	THREAD
AL-515M104	M10
AL-515M124	M12



BASE PLATE METRIC FEMALE 5340

PART NUMBER	THREAD
AL-515M109	M10
AL-515M129	M12

ZINC PLATED



GIRDER CLAMP BRIGHT ZINC PLATED 5340

PART NUMBER	SIZE
AL-MI8GC	M8
AL-MI10GC	M10
AL-MI12GC	M12



'U' BOLT BRIGHT ZINC PLATED 5340

PART NUMBER	TUBE OD
AL-UB8	1/2"
AL-UB12	3/4"
AL-UB16	1"
AL-UB20	1 1/4"
AL-UB24	1 1/2"
AL-UB32	2"
AL-UB40	2 1/2"
AL-UB48	3"
AL-UB64	4"

BLACK



5340

SCHOOL BOARD CLAMP

PART NUMBER	TUBE OD
AL-B82B4	1/4"
AL-B82C4	3/8"
AL-B82D4	1/2"
AL-B82E4	3/4"
AL-B82F4	1"
AL-B82G4	1 1/4"
AL-B82H4	1 1/2"
AL-B82L4	2"
AL-B82M4	2 1/2"
AL-B82N4	3"
AL-B82P4	4"

GALVANISED



5340

SCHOOL BOARD CLAMP

PART NUMBER	TUBE OD
AL-B82B9	1/4"
AL-B82C9	3/8"
AL-B82D9	1/2"
AL-B82E9	3/4"
AL-B82F9	1"
AL-B82G9	1 1/4"
AL-B82H9	1 1/2"
AL-B82L9	2"
AL-B82M9	2 1/2"
AL-B82N9	3"
AL-B82P9	4"



5340

MUNSEN RING
M10 THREAD

PART NUMBER	TUBE OD
AL-529B4M10	1/4"
AL-529C4M10	3/8"
AL-529D4M10	1/2"
AL-529E4M10	3/4"
AL-529F4M10	1"
AL-529G4M10	1 1/4"
AL-529H4M10	1 1/2"
AL-529L4M10	2"

M12 THREAD

AL-529M4M12	2 1/2"
AL-529N4M12	3"
AL-529P4M12	4"



5340

MUNSEN RING
M10 THREAD

PART NUMBER	TUBE OD
AL-529B9M10	1/4"
AL-529C9M10	3/8"
AL-529D9M10	1/2"
AL-529E9M10	3/4"
AL-529F9M10	1"
AL-529G9M10	1 1/4"
AL-529H9M10	1 1/2"
AL-529L9M10	2"

M12 THREAD

AL-529M9M12	2 1/2"
AL-529N9M12	3"
AL-529P9M12	4"



5340

SCREWED ROD
MALE THREAD

PART NUMBER	THREAD	LENGTH
AL-SR10M	M10	1
AL-SR10M3	M10	3
AL-SR12M	M12	1
AL-SR12M3	M12	3

Do you also need?

Sicomat

M8 threaded rod



Find it on page 772, section thirteen

GALVANISED



5340

NUTS
M10 THREAD

PART NUMBER	THREAD
AL-10MNUTS	M10



5340

WASHERS
M10 THREAD

PART NUMBER	THREAD
AL-10MWASH	M10



Crane Malleable Iron Fittings

Key Features

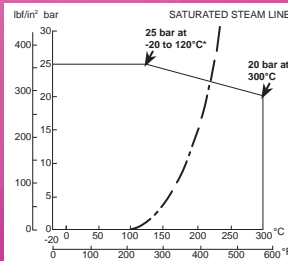
- Taper to taper thread joints ensure full engagement, eliminating localised stress on pipe or fitting and offering a substantial pressure seal.
- Design standard BS EN 10242
- Thread standard BS EN 10226-2 taper
- UL approved for use on sprinkler systems
- Kitemark approved by BSI

Conformance of Crane Fittings

Both malleable iron and steel fittings have received verification from the British Standards Institute (BSI) for conforming to BS EN 10242, BS 143, and BS 1256, respectively. Therefore, they can display the British Standards Kitemark Logo with Kitemark Licence No. KM00382. Some fittings that are smaller in size are produced in steel and comply with BS EN 10241.

Pressure and Temperature Ratings

According to BS 143 and 1256, fittings are designed for general fluid transmission within specific pressure and temperature ranges. The graph below shows the BS pressure-temperature ratings. Most Crane malleable iron fittings are suitable for these new ratings, except for certain unions (please see the note below the graph). However, the suitability of the connecting pipe material, the threaded joint, and any thread sealant used should be considered. It is also essential to follow any applicable codes of practice. The maximum non-shock gauge pressure is mentioned in the specifications.



* Hot dip zinc coated (galvanised) fittings should not be used below -10°C (14°F).

CRANE241 flat seat unions are limited to a maximum of 230°C .
CRANE271 and CRANE289 female equal unions with spherical seats are limited to a maximum of 208°C .

Finish

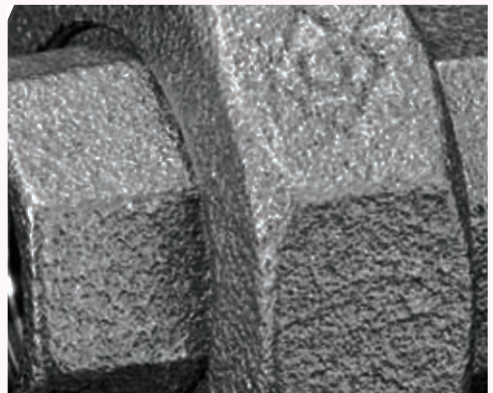
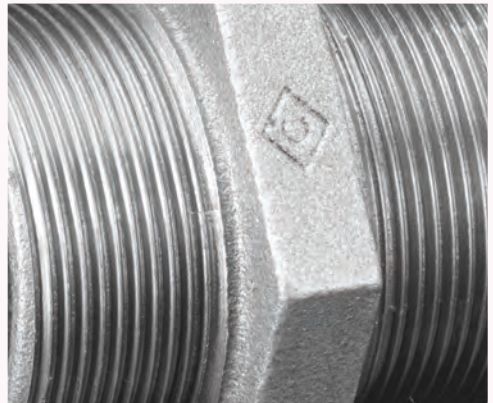
All malleable iron fittings receive an oil finish to protect against rust during storage, transit, and after installation before commissioning. The finished fittings are free of polycyclic aromatic hydrocarbons.

Pipe Threads

Crane fittings feature machined threads that comply with the gauging standards of BS EN 10226-2. All fittings are designed with chamfered threads that facilitate assembly and prevent cross-threading issues. Additionally, female fittings come with a chamber behind the thread that allows for the hassle-free assembly of male threads without any restrictions.

Testing

As per the requirements of BS EN 10242 or BS 143 and 1256, the fittings undergo production testing. Moreover, as per the standards of BS EN 10242, BS 143 and 1256, and ISO 49, all pressure-containing fittings are designed to withstand specified design test pressures and are type-tested accordingly. For sizes 4 and smaller malleable iron fittings, the required pressure is 100 bar (1450 lbf/in²), and for sizes 5 and 6 malleable iron fittings, it is 64 bar (928 lbf/in²).



Please note:
* Only available in mild steel

BLACK



5360

HEXAGON BUSH
BSPT MALE / BSPT FEMALE

PART NUMBER	MALE THREAD	FEMALE THREAD
CRANE140B-12X18	1/2" BSPT	1/8" BSPT
CRANE140B-12X14*	1/2" BSPT	1/4" BSPT
CRANE140B-12X38	1/2" BSPT	3/8" BSPT
CRANE140B-34X18	3/4" BSPT	1/8" BSPT
CRANE140B-34X14	3/4" BSPT	1/4" BSPT
CRANE140B-34X38	3/4" BSPT	3/8" BSPT
CRANE140B-34X12	3/4" BSPT	1/2" BSPT
CRANE140B-1X14	1" BSPT	1/4" BSPT
CRANE140B-1X38	1" BSPT	3/8" BSPT
CRANE140B-1X12	1" BSPT	1/2" BSPT
CRANE140B-1X34	1" BSPT	3/4" BSPT
CRANE140B-114X12	1 1/4" BSPT	1/2" BSPT
CRANE140B-114X34	1 1/4" BSPT	3/4" BSPT
CRANE140B-114X1	1 1/4" BSPT	1" BSPT
CRANE140B-112X12	1 1/2" BSPT	1/2" BSPT
CRANE140B-112X34	1 1/2" BSPT	3/4" BSPT
CRANE140B-112X1	1 1/2" BSPT	1" BSPT
CRANE140B-112X114	1 1/2" BSPT	1 1/4" BSPT
CRANE140B-2X12	2" BSPT	1/2" BSPT
CRANE140B-2X34	2" BSPT	3/4" BSPT
CRANE140B-2X1	2" BSPT	1" BSPT
CRANE140B-2X114	2" BSPT	1 1/4" BSPT
CRANE140B-2X112	2" BSPT	1 1/2" BSPT

* Only available in mild steel

GALVANISED



5360

HEXAGON BUSH
BSPT MALE / BSPT FEMALE

PART NUMBER	MALE THREAD	FEMALE THREAD
CRANE140G-12X18	1/2" BSPT	1/8" BSPT
CRANE140G-34X18	3/4" BSPT	1/8" BSPT
CRANE140G-34X38	3/4" BSPT	3/8" BSPT
CRANE140G-1X14	1" BSPT	1/4" BSPT
CRANE140G-1X38	1" BSPT	3/8" BSPT
CRANE140G-1X12	1" BSPT	1/2" BSPT
CRANE140G-1X34	1" BSPT	3/4" BSPT
CRANE140G-114X12	1 1/4" BSPT	1/2" BSPT
CRANE140G-114X34	1 1/4" BSPT	3/4" BSPT
CRANE140G-114X1	1 1/4" BSPT	1" BSPT
CRANE140G-112X12	1 1/2" BSPT	1/2" BSPT
CRANE140G-112X34	1 1/2" BSPT	3/4" BSPT
CRANE140G-112X1	1 1/2" BSPT	1" BSPT
CRANE140G-112X114	1 1/2" BSPT	1 1/4" BSPT
CRANE140G-2X12	2" BSPT	1/2" BSPT
CRANE140G-2X34	2" BSPT	3/4" BSPT
CRANE140G-2X1	2" BSPT	1" BSPT
CRANE140G-2X114	2" BSPT	1 1/4" BSPT
CRANE140G-2X112	2" BSPT	1 1/2" BSPT

HEXAGON NIPPLE
BSPT MALE



5360

PART NUMBER	THREAD
CRANE144B-1	1" BSPT
CRANE144B-114	1 1/4" BSPT
CRANE144B-112	1 1/2" BSPT
CRANE144B-2	2" BSPT
CRANE144B-212	2 1/2" BSPT

HEXAGON NIPPLE
BSPT MALE



5360

PART NUMBER	THREAD
CRANE144G-1	1" BSPT
CRANE144G-114	1 1/4" BSPT
CRANE144G-112	1 1/2" BSPT
CRANE144G-2	2" BSPT
CRANE144G-212	2 1/2" BSPT

HEXAGON REDUCING NIPPLE
BSPT MALE



5360

PART NUMBER	THREAD	THREAD
CRANE145B-12X14	1/2" BSPT	1/4" BSPT
CRANE145B-12X38	1/2" BSPT	3/8" BSPT
CRANE145B-34X12	3/4" BSPT	1/2" BSPT
CRANE145B-1X12	1" BSPT	1/2" BSPT
CRANE145B-1X34	1" BSPT	3/4" BSPT
CRANE145B-114X1	1 1/4" BSPT	1" BSPT
CRANE145B-112X114	1 1/2" BSPT	1 1/4" BSPT
CRANE145B-2X112	2" BSPT	1 1/2" BSPT

HEXAGON REDUCING NIPPLE
BSPT MALE



5360

PART NUMBER	THREAD	THREAD
CRANE145G-12X14	1/2" BSPT	1/4" BSPT
CRANE145G-12X38	1/2" BSPT	3/8" BSPT
CRANE145G-34X12	3/4" BSPT	1/2" BSPT
CRANE145G-1X12	1" BSPT	1/2" BSPT
CRANE145G-1X34	1" BSPT	3/4" BSPT
CRANE145G-114X1	1 1/4" BSPT	1" BSPT
CRANE145G-112X114	1 1/2" BSPT	1 1/4" BSPT
CRANE145G-2X112	2" BSPT	1 1/2" BSPT

BLACK

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**EQUAL UNION SPHERICAL SEAT
IRON TO IRON
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE256B-12	1/2"
CRANE256B-34	3/4"
CRANE256B-1	1"
CRANE256B-114	1 1/4"
CRANE256B-112	1 1/2"
CRANE256B-2	2"
CRANE256B-212	2 1/2"

**EQUAL UNION SPHERICAL SEAT
IRON TO IRON
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE256G-12	1/2"
CRANE256G-34	3/4"
CRANE256G-1	1"
CRANE256G-114	1 1/4"
CRANE256G-112	1 1/2"
CRANE256G-2	2"
CRANE256G-212	2 1/2"

**EQUAL ELBOW
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE151B-14	1/4" BSPT
CRANE151B-38	3/8" BSPT
CRANE151B-12	1/2" BSPT
CRANE151B-34	3/4" BSPT
CRANE151B-1	1" BSPT
CRANE151B-114	1 1/4" BSPT
CRANE151B-112	1 1/2" BSPT
CRANE151B-2	2" BSPT
CRANE151B-212	2 1/2" BSPT

**EQUAL ELBOW
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE151G-14	1/4" BSPT
CRANE151G-38	3/8" BSPT
CRANE151G-12	1/2" BSPT
CRANE151G-34	3/4" BSPT
CRANE151G-1	1" BSPT
CRANE151G-114	1 1/4" BSPT
CRANE151G-112	1 1/2" BSPT
CRANE151G-2	2" BSPT
CRANE151G-212	2 1/2" BSPT

**45° EQUAL ELBOW
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE155B-12	1/2" BSPT
CRANE155B-34	3/4" BSPT
CRANE155B-1	1" BSPT
CRANE155B-114	1 1/4" BSPT
CRANE155B-112	1 1/2" BSPT
CRANE155B-2	2" BSPT

**45° EQUAL ELBOW
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE155G-12	1/2" BSPT
CRANE155G-34	3/4" BSPT
CRANE155G-1	1" BSPT
CRANE155G-114	1 1/4" BSPT
CRANE155G-112	1 1/2" BSPT
CRANE155G-2	2" BSPT

BLACK

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**EQUAL ELBOW
BSPT MALE / BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE152B-14	1/4" BSPT
CRANE152B-38	3/8" BSPT
CRANE152B-12	1/2" BSPT
CRANE152B-34	3/4" BSPT
CRANE152B-1	1" BSPT
CRANE152B-114	1 1/4" BSPT
CRANE152B-112	1 1/2" BSPT
CRANE152B-2	2" BSPT

**EQUAL ELBOW
BSPT MALE / BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE152G-14	1/4" BSPT
CRANE152G-12	1/2" BSPT
CRANE152G-34	3/4" BSPT
CRANE152G-1	1" BSPT
CRANE152G-114	1 1/4" BSPT
CRANE152G-112	1 1/2" BSPT
CRANE152G-2	2" BSPT

**45° ELBOW
BSPT MALE / BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE156B-12	1/2" BSPT
CRANE156B-34	3/4" BSPT
CRANE156B-1	1" BSPT
CRANE156B-114	1 1/4" BSPT
CRANE156B-112	1 1/2" BSPT
CRANE156B-2	2" BSPT

**45° ELBOW
BSPT MALE / BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE156G-12	1/2" BSPT
CRANE156G-34	3/4" BSPT
CRANE156G-1	1" BSPT
CRANE156G-114	1 1/4" BSPT
CRANE156G-112	1 1/2" BSPT
CRANE156G-2	2" BSPT

**EQUAL BEND
BSPT MALE / BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE192B-114	1 1/4" BSPT
CRANE192B-2	2" BSPT

**EQUAL BEND
BSPT MALE / BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE192G-1	1" BSPT
CRANE192G-112	1 1/2" BSPT
CRANE192G-2	2" BSPT

**EQUAL BEND
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE193B-12	1/2" BSPT
CRANE193B-34	3/4" BSPT
CRANE193B-1	1" BSPT
CRANE193B-114	1 1/4" BSPT
CRANE193B-112	1 1/2" BSPT
CRANE193B-2	2" BSPT

**EQUAL BEND
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE193G-12	1/2" BSPT
CRANE193G-34	3/4" BSPT
CRANE193G-1	1" BSPT
CRANE193G-114	1 1/4" BSPT
CRANE193G-112	1 1/2" BSPT
CRANE193G-2	2" BSPT

BLACK

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**EQUAL TEE
BSPT FEMALE**

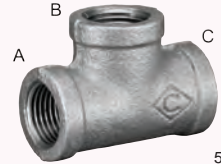
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**EQUAL TEE
BSPT FEMALE**

5360

PART NUMBER	THREAD
CRANE161B-14	1/4" BSPT
CRANE161B-38	3/8" BSPT
CRANE161B-12	1/2" BSPT
CRANE161B-34	3/4" BSPT
CRANE161B-1	1" BSPT
CRANE161B-114	1 1/4" BSPT
CRANE161B-112	1 1/2" BSPT
CRANE161B-2	2" BSPT
CRANE161B-212	2 1/2" BSPT

PART NUMBER	THREAD
CRANE161G-14	1/4" BSPT
CRANE161G-38	3/8" BSPT
CRANE161G-12	1/2" BSPT
CRANE161G-34	3/4" BSPT
CRANE161G-1	1" BSPT
CRANE161G-114	1 1/4" BSPT
CRANE161G-112	1 1/2" BSPT
CRANE161G-2	2" BSPT
CRANE161G-212	2 1/2" BSPT



**UNEQUAL REDUCING
BRANCH TEE
BSPT FEMALE**

5360

**UNEQUAL REDUCING
BRANCH TEE
BSPT FEMALE**

5360

PART NUMBER	THREAD		
	A	B	C
CRANE161B-112X12	1 1/2"	1/2"	1 1/2"
CRANE161B-2X114	2"	1 1/4"	2"
CRANE161B-2X112	2"	1 1/2"	2"

PART NUMBER	THREAD		
	A	B	C
CRANE161G-112X12	1 1/2"	1/2"	1 1/2"
CRANE161G-2X114	2"	1 1/4"	2"
CRANE161G-2X112	2"	1 1/2"	2"



**EQUAL UNION
BSPT MALE / BSPT FEMALE**

5360

**EQUAL UNION
BSPT MALE / BSPT FEMALE**

5360

PART NUMBER	THREAD
CRANE257B-12	1/2" BSPT
CRANE257B-34	3/4" BSPT
CRANE257B-1	1" BSPT
CRANE257B-114	1 1/4" BSPT
CRANE257B-112	1 1/2" BSPT
CRANE257B-2	2" BSPT

PART NUMBER	THREAD
CRANE257G-12	1/2" BSPT
CRANE257G-34	3/4" BSPT
CRANE257G-1	1" BSPT
CRANE257G-114	1 1/4" BSPT
CRANE257G-112	1 1/2" BSPT
CRANE257G-2	2" BSPT



**EQUAL SOCKET
BSPP FEMALE**

5360

**EQUAL SOCKET
BSPP FEMALE**

5360

PART NUMBER	THREAD
CRANE176B-12	1/2" BSPP
CRANE176B-34	3/4" BSPP
CRANE176B-1	1" BSPP
CRANE176B-114	1 1/4" BSPP
CRANE176B-112	1 1/2" BSPP
CRANE176B-2	2" BSPP

PART NUMBER	THREAD
CRANE176G-12	1/2" BSPP
CRANE176G-1	1" BSPP
CRANE176G-114	1 1/4" BSPP
CRANE176G-112	1 1/2" BSPP
CRANE176G-2	2" BSPP

BLACK

GALVANISED

**CAP
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE185B-12	1/2" BSPT
CRANE185B-34	3/4" BSPT
CRANE185B-1	1" BSPT
CRANE185B-114	1 1/4" BSPT
CRANE185B-112	1 1/2" BSPT
CRANE185B-2	2" BSPT

**CAP
BSPT FEMALE**



5360

PART NUMBER	THREAD
CRANE185G-12	1/2" BSPT
CRANE185G-34	3/4" BSPT
CRANE185G-1	1" BSPT
CRANE185G-114	1 1/4" BSPT
CRANE185G-112	1 1/2" BSPT
CRANE185G-2	2" BSPT

**REDUCING SOCKET
BSPT FEMALE**



5360

PART NUMBER	THREAD	THREAD
CRANE179B-12X38	1/2" BSPT	3/8" BSPT
CRANE179B-34X12	3/4" BSPT	1/2" BSPT
CRANE179B-1X12	1" BSPT	1/2" BSPT
CRANE179B-1X34	1" BSPT	3/4" BSPT
CRANE179B-114X34	1 1/4" BSPT	3/4" BSPT
CRANE179B-114X1	1 1/4" BSPT	1" BSPT
CRANE179B-112X1	1 1/2" BSPT	1" BSPT
CRANE179B-112X114	1 1/2" BSPT	1 1/4" BSPT
CRANE179B-2X1	2" BSPT	1" BSPT
CRANE179B-2X114	2" BSPT	1 1/4" BSPT
CRANE179B-2X112	2" BSPT	1 1/2" BSPT

**REDUCING SOCKET
BSPT FEMALE**



5360

PART NUMBER	THREAD	THREAD
CRANE179G-12X38	1/2" BSPT	3/8" BSPT
CRANE179G-34X12	3/4" BSPT	1/2" BSPT
CRANE179G-1X12	1" BSPT	1/2" BSPT
CRANE179G-1X34	1" BSPT	3/4" BSPT
CRANE179G-114X34	1 1/4" BSPT	3/4" BSPT
CRANE179G-114X1	1 1/4" BSPT	1" BSPT
CRANE179G-112X1	1 1/2" BSPT	1" BSPT
CRANE179G-112X114	1 1/2" BSPT	1 1/4" BSPT
CRANE179G-2X1	2" BSPT	1" BSPT
CRANE179G-2X114	2" BSPT	1 1/4" BSPT
CRANE179G-2X112	2" BSPT	1 1/2" BSPT

**HOLLOW PLAIN PLUG
BSPT MALE**



5360

PART NUMBER	THREAD
CRANE147B-34	3/4" BSPT
CRANE147B-1	1" BSPT
CRANE147B-114	1 1/4" BSPT
CRANE147B-112	1 1/2" BSPT
CRANE147B-2	2" BSPT

**HOLLOW PLAIN PLUG
BSPT MALE**



5360

PART NUMBER	THREAD
CRANE147G-34	3/4" BSPT
CRANE147G-1	1" BSPT
CRANE147G-114	1 1/4" BSPT
CRANE147G-112	1 1/2" BSPT
CRANE147G-2	2" BSPT



PARKAIR® 304 Stainless Steel Press Fittings

Applications

A cost saving grade 304 stainless steel fitting designed for use with:

- Drinking water (fully WRAS approved)
- Purified water
- Heating
- Cooling water (chilled water)
- Boosted cold water
- Plant rooms
- Steam condensate
- Flammable gases classed and according to DVGW G 260 and G 262 (HNBR Gas Approved yellow seals)
- Compressed air, argon, nitrogen, carbon dioxide

Materials

Formed components (fittings) material no.:
1.4404 according to EN 10088/304

Casting components (threaded fittings) material no.:
1.4408 according to EN 10283/304

Pipes material no.:
1.4301 according to EN 10088-3

Pressure and Temperature Ratings

When used alongside fittings with EPDM seals for applications other than compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +120°C

When used alongside fittings with HNBR seals for applications involving flammable gasses:

15 – 108 mm: (PN5) 5 bar -20°C to +70°C

When used alongside fittings with EPDM seals for compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +120°C

**316 stainless steel press fittings also available.
Please contact your distributor for further information.**



New



STRAIGHT COUPLING

5500

PART NUMBER	TUBE OD
MPF-150001515	15 mm
MPF-150002222	22 mm
MPF-150002828	28 mm
MPF-150003535	35 mm
MPF-150004242	42 mm
MPF-150005454	54 mm

New



STRAIGHT REDUCER COUPLING

5500

PART NUMBER	TUBE OD	TUBE OD
MPF-154302215	22 mm	15 mm
MPF-154302815	28 mm	15 mm
MPF-154302822	28 mm	22 mm
MPF-154303522	35 mm	22 mm
MPF-154303528	35 mm	28 mm
MPF-154304228	42 mm	28 mm
MPF-154304235	42 mm	35 mm
MPF-154305428	54 mm	28 mm
MPF-154305435	54 mm	35 mm
MPF-154305442	54 mm	42 mm

New



**STRAIGHT ADAPTOR
BSPT MALE**

5500

PART NUMBER	TUBE OD	THREAD
MPF-1501015012	15 mm	1/2" BSPT
MPF-1501022034	22 mm	3/4" BSPT
MPF-1501028100	28 mm	1" BSPT
MPF-1501035114	35 mm	1 1/4" BSPT
MPF-1501042112	42 mm	1 1/2" BSPT
MPF-1501054200	54 mm	2" BSPT

New



**STRAIGHT ADAPTOR
BSPP FEMALE**

5500

PART NUMBER	TUBE OD	THREAD
MPF-1502015012	15 mm	1/2" BSPP
MPF-1502022034	22 mm	3/4" BSPP
MPF-1502028100	28 mm	3/4" BSPP
MPF-1502035114	35 mm	1 1/4" BSPP
MPF-1502042112	42 mm	1 1/2" BSPP
MPF-1502054200	54 mm	2" BSPP

New



90° BEND

5500

PART NUMBER	TUBE OD
MPF-152001515	15 mm
MPF-152002222	22 mm
MPF-152002828	28 mm
MPF-152003535	35 mm
MPF-152004242	42 mm
MPF-152005454	54 mm

New



Ø 90° BEND

5500

PART NUMBER	TUBE OD
MPF-152101515	15 mm
MPF-152102222	22 mm
MPF-152102828	28 mm
MPF-152103535	35 mm
MPF-152104242	42 mm
MPF-152105454	54 mm

New



45° BEND

5500

PART NUMBER	TUBE OD
MPF-152301515	15 mm
MPF-152302222	22 mm
MPF-152302828	28 mm
MPF-152303535	35 mm
MPF-152304242	42 mm
MPF-152305454	54 mm

New



Ø 45° BEND

5500

PART NUMBER	TUBE OD
MPF-152401515	15 mm
MPF-152402222	22 mm
MPF-152402828	28 mm
MPF-152403535	35 mm
MPF-152404242	42 mm
MPF-152405454	54 mm

All fittings supplied with black seals EPDM as standard

New



EQUAL TEE COUPLING

5500

PART NUMBER	TUBE OD
MPF-15100151515	15 mm
MPF-15100222222	22 mm
MPF-15100282828	28 mm
MPF-15100353535	35 mm
MPF-15100424242	42 mm
MPF-15100545454	54 mm

New



REDUCING TEE COUPLING

5500

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
MPF-15110221522	22 mm	15 mm	22 mm
MPF-15110281528	28 mm	15 mm	28 mm
MPF-15110282228	28 mm	22 mm	28 mm
MPF-15110352235	35 mm	22 mm	35 mm
MPF-15110352835	35 mm	28 mm	35 mm
MPF-15110423542	42 mm	35 mm	42 mm
MPF-15110544254	54 mm	42 mm	54 mm

New



TEE COUPLING
BSPP FEMALE

5500

PART NUMBER	TUBE OD	THREAD	TUBE OD
MPF-15120151215	15 mm	1/2" BSPP	15 mm
MPF-15120221222	22 mm	1/2" BSPP	22 mm
MPF-15120281228	28 mm	1/2" BSPP	28 mm
MPF-15120351235	35 mm	1/2" BSPP	35 mm
MPF-15120421242	42 mm	1/2" BSPP	42 mm
MPF-15120541254	54 mm	1/2" BSPP	54 mm

New



WALLPLATE
BSPP FEMALE

5500

PART NUMBER	TUBE OD	THREAD
MPF-1534015012	15 mm	1/2" BSPP

New



304 STAINLESS STEEL TUBE
6 METRE LENGTH

5500

PART NUMBER	TUBE OD	LENGTH
MPF-129401506	15 mm	6 m
MPF-129402207	22 mm	6 m
MPF-129402808	28 mm	6 m
MPF-129403510	35 mm	6 m
MPF-129404211	42 mm	6 m
MPF-129405412	54 mm	6 m

Do you also need?



Master Pneumatics
air preparation
products



Find it on pages 278 – 302, section five

MAP 215 FEATURES

- Suitable for stainless steel & carbon steel as well as copper press fittings in sizes up to 28 mm
- 350° rotating jaw holder
- Built-in LED lamp & OLED display with clock
- Automatic stop and retraction when crimp completed saves time & battery life
- Quickstop function for safety
- Hydraulic pressure control for precise control of crimping force
- Easy operation due to compact, lightweight design with secure grip

SPECIFICATIONS

Pressing / crimping force	15kN
Battery	Makita lithium-ion (18v, 1.5Ah)
Battery capacity	Approx. 150 press cycles
Charging time	Approx. 25 minutes

CONTENTS

- Klauke MAP215 machine
- 1 battery
- Charger
- 3 M-profile press jaws (15 mm, 22 mm & 28 mm)



New

MAP 215 PRESS TOOL SET

5520

PART NUMBER	CRIMPING FORCE
MPF-MAP215CLMPRS3-KI	15 kN

MAP 219 FEATURES

- Suitable for stainless steel & carbon steel as well as copper press fittings in sizes up to 35 mm
- 350° rotating jaw holder
- Built-in LED lamp & OLED display with clock
- Automatic stop and retraction when crimp completed saves time & battery life
- Quickstop function for safety
- Hydraulic pressure control for precise control of crimping force
- Easy operation due to compact, lightweight design with secure grip

SPECIFICATIONS

Pressing / crimping force	19kN
Battery	Makita lithium-ion (18v, 1.5Ah)
Battery capacity	Approx. 150 press cycles
Charging time	Approx. 25 minutes

CONTENTS

- Klauke MAP219 machine
- 1 battery
- Charger
- 4 M-profile press jaws (15 mm, 22 mm, 28 mm & 35 mm)



New

MAP 219 PRESS TOOL SET

5520

PART NUMBER	CRIMPING FORCE
MPF-MAP219CLMPRS4	19 kN

Other tool sizes available on request. Please contact your distributor for further information.

New

BLACK EPDM O-RING
FOR STANDARD APPLICATIONS



5500

PART NUMBER	TUBE OD
MPF-1282015	15 mm
MPF-1282022	22 mm
MPF-1282028	28 mm
MPF-1282035	35 mm
MPF-1282042	42 mm
MPF-1282054	54 mm

New

YELLOW HNBR O-RING
FOR GAS APPLICATIONS



5500

PART NUMBER	TUBE OD
MPF-1286015	15 mm
MPF-1286022	22 mm
MPF-1286028	28 mm
MPF-1286035	35 mm
MPF-1286042	42 mm
MPF-1286054	54 mm

New

GREEN FKM O-RING
FOR INDUSTRIAL APPLICATIONS



5500

PART NUMBER	TUBE OD
MPF-1284015	15 mm
MPF-1284022	22 mm
MPF-1284028	28 mm
MPF-1284035	35 mm
MPF-1284042	42 mm
MPF-1284054	54 mm



PARKAIR® Carbon Steel Press Fittings

Applications

A premium grade carbon steel pipe with a 10-year guarantee, designed for use with:

- Heating (closed systems only)
- Cooling water (chilled water – closed systems only)
- Compressed air
- Sprinkler systems (pressurised systems only)

Materials

Formed components (fittings) material no.1.0034 according to EN 10305, ext galvanised

Casting components (threaded fittings) material no.1.0034 according to EN 10305, ext galvanised

Pressure and Temperature Ratings

When used alongside fittings with EPDM seals for applications other than compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +100°C

When used alongside fittings with EPDM / FKM seals for compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +100°C

When used for extinguishing water:

15 – 108 mm: (PN16) 16 bar -30°C to +100°C



New



STRAIGHT COUPLING

5510

PART NUMBER	TUBE OD
MPF-230001515	15 mm
MPF-230002222	22 mm
MPF-230002828	28 mm
MPF-230003535	35 mm
MPF-230004242	42 mm
MPF-230005454	54 mm

New



STRAIGHT REDUCER COUPLING

5510

PART NUMBER	TUBE OD	TUBE OD
MPF-234302215	22 mm	15 mm
MPF-234302815	28 mm	15 mm
MPF-234302822	28 mm	22 mm
MPF-234303522	35 mm	22 mm
MPF-234303528	35 mm	28 mm
MPF-234304222	42 mm	22 mm
MPF-234304228	42 mm	28 mm
MPF-234304235	42 mm	35 mm
MPF-234305422	54 mm	22 mm
MPF-234305428	54 mm	28 mm
MPF-234305435	54 mm	35 mm
MPF-234305442	54 mm	42 mm

New



STRAIGHT REDUCER

5510

PART NUMBER	TUBE OD	TUBE OD
MPF-230302215	22 mm	15 mm
MPF-230302815	28 mm	15 mm
MPF-230302822	28 mm	22 mm
MPF-230303528	35 mm	28 mm

New



SLIP COUPLING

5510

PART NUMBER	TUBE OD
MPF-230401515	15 mm
MPF-230402222	22 mm
MPF-230402828	28 mm
MPF-230403535	35 mm
MPF-230404242	42 mm
MPF-230405454	54 mm

New



STRAIGHT ADAPTOR
BSPT MALE

5510

PART NUMBER	TUBE OD	THREAD
MPF-2301015038	15 mm	3/8" BSPT
MPF-2301015012	15 mm	1/2" BSPT
MPF-2301022012	22 mm	1/2" BSPT
MPF-2301022034	22 mm	3/4" BSPT
MPF-2301022100	22 mm	1" BSPT
MPF-2301028034	28 mm	3/4" BSPT
MPF-2301028100	28 mm	1" BSPT
MPF-2301035100	35 mm	1" BSPT
MPF-2301035114	35 mm	1 1/4" BSPT
MPF-2301042112	42 mm	1 1/2" BSPT
MPF-2301054200	54 mm	2" BSPT

New



STRAIGHT ADAPTOR
BSPP FEMALE

5510

PART NUMBER	TUBE OD	THREAD
MPF-2302015012	15 mm	1/2" BSPP
MPF-2302022012	22 mm	1/2" BSPP
MPF-2302022034	22 mm	3/4" BSPP
MPF-2302022100	22 mm	1" BSPP
MPF-2302028100	28 mm	1" BSPP
MPF-2302035114	35 mm	1 1/4" BSPP
MPF-2302042112	42 mm	1 1/2" BSPP
MPF-2302054200	54 mm	2" BSPP

New



STRAIGHT ADAPTOR
BSPT MALE

5510

PART NUMBER	TUBE OD	THREAD
MPF-2345015012	15 mm	1/2" BSPT
MPF-2345022034	22 mm	3/4" BSPT

New



STRAIGHT ADAPTOR
BSPP FEMALE

5510

PART NUMBER	TUBE OD	THREAD
MPF-2346015012	15 mm	1/2" BSPP
MPF-2346022012	22 mm	1/2" BSPP
MPF-2346022034	22 mm	3/4" BSPP

New

**JOINT CONNECTOR
WITH FLAT SEAL
BSPT MALE**



5510

PART NUMBER	TUBE OD	THREAD
MPF-2308015012	15 mm	1/2" BSPT
MPF-2308022034	22 mm	3/4" BSPT
MPF-2308028100	28 mm	1" BSPT
MPF-2308035114	35 mm	1 1/4" BSPT
MPF-2308042112	42 mm	1 1/2" BSPT
MPF-2308054200	54 mm	2" BSPT

New

**TAP CONNECTOR
BSPP FEMALE**



5510

PART NUMBER	TUBE OD	THREAD
MPF-2307015034	15 mm	3/4" BSPP
MPF-2307022100	22 mm	1" BSPP
MPF-2307028114	28 mm	1 1/4" BSPP
MPF-2307035112	35 mm	1 1/2" BSPP

New

90° BEND



5510

PART NUMBER	TUBE OD
MPF-232001515	15 mm
MPF-232002222	22 mm
MPF-232002828	28 mm
MPF-232003535	35 mm
MPF-232004242	42 mm
MPF-232005454	54 mm

New

Ø 90° BEND



5510

PART NUMBER	TUBE OD
MPF-232101515	15 mm
MPF-232102222	22 mm
MPF-232102828	28 mm
MPF-232103535	35 mm
MPF-232104242	42 mm
MPF-232105454	54 mm

New

**90° BEND
BSPT MALE**



5510

PART NUMBER	TUBE OD	THREAD
MPF-2325015012	15 mm	1/2" BSPT
MPF-2325022034	22 mm	3/4" BSPT
MPF-2325028100	28 mm	1" BSPT
MPF-2325035114	35 mm	1 1/4" BSPT
MPF-2325042112	42 mm	1 1/2" BSPT
MPF-2325054200	54 mm	2" BSPT

New

**90° BEND
BSPP FEMALE**



5510

PART NUMBER	TUBE OD	THREAD
MPF-2326015012	15 mm	1/2" BSPP
MPF-2326022034	22 mm	3/4" BSPP
MPF-2326028100	28 mm	1" BSPP
MPF-2326035114	35 mm	1 1/4" BSPP

New

45° BEND



5510

PART NUMBER	TUBE OD
MPF-232301515	15 mm
MPF-232302222	22 mm
MPF-232302828	28 mm
MPF-232303535	35 mm
MPF-232304242	42 mm
MPF-232305454	54 mm

New

Ø 45° BEND



5510

PART NUMBER	TUBE OD
MPF-232401515	15 mm
MPF-232402222	22 mm
MPF-232402828	28 mm
MPF-232403535	35 mm
MPF-232404242	42 mm
MPF-232405454	54 mm

New



5510

ELBOW TRANSITION BSPT MALE

PART NUMBER	TUBE OD	THREAD
MPF-2331015012	15 mm	1/2" BSPT
MPF-2331022034	22 mm	3/4" BSPT

New



5510

EQUAL TEE

PART NUMBER	TUBE OD
MPF-23100151515	15 mm
MPF-23100222222	22 mm
MPF-23100282828	28 mm
MPF-23100353535	35 mm
MPF-23100424242	42 mm
MPF-23100545454	54 mm

New



5510

TEE BSPP FEMALE

PART NUMBER	TUBE OD	THREAD	TUBE OD
MPF-23120151215	15 mm	1/2" BSPP	15 mm
MPF-23120221222	22 mm	1/2" BSPP	22 mm
MPF-23120223422	22 mm	3/4" BSPP	22 mm
MPF-23120281228	28 mm	1/2" BSPP	28 mm
MPF-23120283428	28 mm	3/4" BSPP	28 mm
MPF-23120351235	35 mm	1/2" BSPP	35 mm
MPF-23120353435	35 mm	3/4" BSPP	35 mm
MPF-23120421242	42 mm	1/2" BSPP	42 mm
MPF-23120423442	42 mm	3/4" BSPP	42 mm
MPF-23120541254	54 mm	1/2" BSPP	54 mm
MPF-23120543454	54 mm	3/4" BSPP	54 mm

New



5510

REDUCING TEE

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
MPF-23110152215	15 mm	22 mm	15 mm
MPF-23110221522	22 mm	15 mm	22 mm
MPF-23110222822	22 mm	28 mm	22 mm
MPF-23110281528	28 mm	15 mm	28 mm
MPF-23110282228	28 mm	22 mm	28 mm
MPF-23110351535	35 mm	15 mm	35 mm
MPF-23110352235	35 mm	22 mm	35 mm
MPF-23110352835	35 mm	28 mm	35 mm
MPF-23110422242	42 mm	22 mm	42 mm
MPF-23110422842	42 mm	28 mm	42 mm
MPF-23110423542	42 mm	35 mm	42 mm
MPF-23110542254	54 mm	22 mm	54 mm
MPF-23110542854	54 mm	28 mm	54 mm
MPF-23110543554	54 mm	35 mm	54 mm
MPF-23110544254	54 mm	42 mm	54 mm

New



5510

END CAP

PART NUMBER	TUBE OD
MPF-23441015	15 mm
MPF-23441022	22 mm
MPF-23441028	28 mm
MPF-23441035	35 mm
MPF-23441042	42 mm
MPF-23441054	54 mm

New



5510

REDUCING TEE

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
MPF-23115221515	22 mm	15 mm	15 mm
MPF-23115222215	22 mm	22 mm	15 mm
MPF-23115282222	28 mm	22 mm	22 mm
MPF-23115282822	28 mm	28 mm	22 mm

New



5510

PIPE

GALVANISED INSIDE & OUT

PART NUMBER	TUBE OD	LENGTH
MPF-239801512	15 mm	6 m
MPF-239802215	22 mm	6 m
MPF-239802815	28 mm	6 m
MPF-239803515	35 mm	6 m
MPF-239804215	42 mm	6 m
MPF-239805415	54 mm	6 m

New



5510

PARTIAL CROSSOVER

PART NUMBER	TUBE OD
MPF-233601515	15 mm
MPF-233602222	22 mm
MPF-233602828	28 mm

New



5510

90° BEND

PART NUMBER	TUBE OD
MPF-233501515	15 mm
MPF-233502222	22 mm
MPF-233502828	28 mm
MPF-233503535	35 mm
MPF-233504242	42 mm
MPF-233505454	54 mm



PARKAIR® Copper Press Fittings

Applications

A premium grade copper fitting, designed for use with:

- Drinking water (fully WRAS approved)
- Purified water
- Heating
- Cooling water (chilled water)
- Boosted cold water
- Plant rooms
- Steam condensate
- Flammable gases classed and according to DVGW G 260 (HNBR Gas Approved yellow seals)
- Compressed air, argon, nitrogen, carbon dioxide

Materials

Formed components (fittings) material no.: CW024A according to EN 1254

Casting components (threaded fittings) material no.: CC499K according to EN 1282

Pressure and Temperature Ratings

When used alongside fittings with EPDM seals for applications other than compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +120°C

When used alongside fittings with HNBR seals for applications involving flammable gasses:

15 – 108 mm: (PN5) 5 bar -20°C to +70°C

When used alongside fittings with EPDM seals for compressed air:

15 – 108 mm: (PN16) 16 bar -30°C to +120°C

O-ring Colour Code

Black EPDM – ethylene, propylene, diene, monomer rubber.

Green FKM – fluorocarbon.

Yellow HNBR – hydrogenated nitrile, butadiene rubber.





5510

STRAIGHT COUPLING

PART NUMBER	TUBE OD
MPF-680001515	15 mm
MPF-680002222	22 mm
MPF-680002828	28 mm
MPF-680003535	35 mm
MPF-680004242	42 mm
MPF-680005454	54 mm



5510

STRAIGHT REDUCER COUPLING

PART NUMBER	TUBE OD	TUBE OD
MPF-684302215	22 mm	15 mm
MPF-684302815	28 mm	15 mm
MPF-684302822	28 mm	22 mm
MPF-684303522	35 mm	22 mm
MPF-684303528	35 mm	28 mm
MPF-684304222	42 mm	22 mm
MPF-684304228	42 mm	28 mm
MPF-684304235	42 mm	35 mm
MPF-684305435	54 mm	35 mm
MPF-684305442	54 mm	42 mm



5510

**STRAIGHT ADAPTOR
BSPT MALE**

PART NUMBER	TUBE OD	THREAD
MPF-6801015012	15 mm	1/2" BSPT
MPF-6801015034	15 mm	3/4" BSPT
MPF-6801022012	22 mm	1/2" BSPT
MPF-6801022034	22 mm	3/4" BSPT
MPF-68010220100	22 mm	1" BSPT
MPF-6801028034	28 mm	3/4" BSPT
MPF-6801028100	28 mm	1" BSPT
MPF-6801035114	35 mm	1 1/4" BSPT
MPF-6801042112	42 mm	1 1/2" BSPT
MPF-6801054200	54 mm	2" BSPT



5510

**STRAIGHT ADAPTOR
BSPP FEMALE**

PART NUMBER	TUBE OD	THREAD
MPF-6802015012	15 mm	1/2" BSPP
MPF-6802015034	15 mm	3/4" BSPP
MPF-6802022012	22 mm	1/2" BSPP
MPF-6802022034	22 mm	3/4" BSPP
MPF-6802022100	22 mm	1" BSPP
MPF-6802028034	28 mm	3/4" BSPP
MPF-6802028100	28 mm	1" BSPP
MPF-6802035114	35 mm	1 1/4" BSPP
MPF-6802042112	42 mm	1 1/2" BSPP
MPF-6802054200	54 mm	2" BSPP



5510

STRAIGHT REDUCER

PART NUMBER	TUBE OD	TUBE OD
MPF-680302215	22 mm	15 mm
MPF-680302822	28 mm	22 mm



5510

END CAP

PART NUMBER	TUBE OD
MPF-6841015	15 mm
MPF-6841022	22 mm
MPF-6841028	28 mm
MPF-6841035	35 mm
MPF-6841042	42 mm
MPF-6841054	54 mm



5510

SLIP COUPLING

PART NUMBER	TUBE OD
MPF-680401515	15 mm
MPF-680402222	22 mm
MPF-680402828	28 mm
MPF-680403535	35 mm
MPF-680404242	42 mm
MPF-680405454	54 mm



5510

**STRAIGHT ADAPTOR INSERT
BSPP FEMALE**

PART NUMBER	TUBE OD	THREAD
MPF-6846015012	15 mm	1/2" BSPP
MPF-6846022034	22 mm	3/4" BSPP

All fittings supplied with black seals EPDM as standard



5510

90° BEND

PART NUMBER	TUBE OD
MPF-682001515	15 mm
MPF-682002222	22 mm
MPF-682002828	28 mm
MPF-682003535	35 mm
MPF-682004242	42 mm
MPF-682005454	54 mm



5510

Ø 90° BEND

PART NUMBER	TUBE OD
MPF-682101515	15 mm
MPF-682102222	22 mm
MPF-682102828	28 mm
MPF-682103535	35 mm
MPF-682104242	42 mm
MPF-682105454	54 mm



5510

45° BEND

PART NUMBER	TUBE OD
MPF-682301515	15 mm
MPF-682302222	22 mm
MPF-682302828	28 mm
MPF-682303535	35 mm
MPF-682304242	42 mm
MPF-682305454	54 mm



5510

Ø 45° BEND

PART NUMBER	TUBE OD
MPF-682401515	15 mm
MPF-682402222	22 mm
MPF-682402828	28 mm
MPF-682403535	35 mm
MPF-682404242	42 mm
MPF-682405454	54 mm



5510

90° BEND
BSPT MALE

PART NUMBER	TUBE OD	THREAD
MPF-6831015012	15 mm	1/2" BSPT
MPF-6831022034	22 mm	3/4" BSPT
MPF-6831028100	28 mm	1" BSPT



5510

90° BEND
BSPP FEMALE

PART NUMBER	TUBE OD	THREAD
MPF-6832015012	15 mm	1/2" BSPP
MPF-6832022034	22 mm	3/4" BSPP
MPF-6832028100	28 mm	1" BSPP



5510

EQUAL TEE COUPLING

PART NUMBER	TUBE OD
MPF-68100151515	15 mm
MPF-68100222222	22 mm
MPF-68100282828	28 mm
MPF-68100353535	35 mm
MPF-68100424242	42 mm
MPF-68100545454	54 mm



5510

REDUCING TEE COUPLING

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
MPF-6811221515	22 mm	15 mm	15 mm
MPF-681122215	22 mm	22 mm	15 mm
MPF-6811282222	28 mm	22 mm	22 mm
MPF-6811282822	28 mm	28 mm	22 mm

All fittings supplied with black seals EPDM as standard

New



5510

**TEE COUPLING
BSPP FEMALE**

PART NUMBER	TUBE OD	THREAD	TUBE OD
MPF-68120151215	15 mm	1/2" BSPP	15 mm
MPF-68120221222	22 mm	1/2" BSPP	22 mm
MPF-68120223422	22 mm	3/4" BSPP	22 mm
MPF-68120281228	28 mm	1/2" BSPP	28 mm
MPF-68120283428	28 mm	3/4" BSPP	28 mm
MPF-68120351235	35 mm	1/2" BSPP	35 mm
MPF-68120421242	42 mm	1/2" BSPP	42 mm
MPF-68120541254	54 mm	1/2" BSPP	54 mm

New



5510

REDUCING TEE COUPLING

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
MPF-68110221522	22 mm	15 mm	22 mm
MPF-68110281528	28 mm	15 mm	28 mm
MPF-68110282228	28 mm	22 mm	28 mm
MPF-68110351535	35 mm	15 mm	35 mm
MPF-68110352235	35 mm	22 mm	35 mm
MPF-68110352835	35 mm	28 mm	35 mm
MPF-68110421542	42 mm	15 mm	42 mm
MPF-68110422242	42 mm	22 mm	42 mm
MPF-68110422842	42 mm	28 mm	42 mm
MPF-68110423542	42 mm	35 mm	42 mm
MPF-68110542254	54 mm	22 mm	54 mm
MPF-68110542854	54 mm	28 mm	54 mm
MPF-68110543554	54 mm	35 mm	54 mm
MPF-68110544254	54 mm	42 mm	54 mm

New



5510

**COPPER UNION
BSPT MALE**

PART NUMBER	TUBE OD	THREAD
MPF-6808015012	15 mm	1/2" BSPT
MPF-6808022034	22 mm	3/4" BSPT
MPF-6808028100	28 mm	1" BSPT
MPF-6808035114	35 mm	1 1/4" BSPT
MPF-6808042112	42 mm	1 1/2" BSPT
MPF-6808054200	54 mm	2" BSPT

New



5500

**COPPER UNION
BSPP FEMALE**

PART NUMBER	TUBE OD	THREAD
MPF-6809015012	15 mm	1/2" BSPP
MPF-6809022034	22 mm	3/4" BSPP
MPF-6809028100	28 mm	1" BSPP
MPF-6809035114	35 mm	1 1/4" BSPP
MPF-6809042112	42 mm	1 1/2" BSPP
MPF-6809054200	54 mm	2" BSPP

New



5510

COPPER UNION

PART NUMBER	TUBE OD
MPF-6809115012	15 mm
MPF-6809122034	22 mm
MPF-6809128100	28 mm
MPF-6809135114	35 mm
MPF-6809142112	42 mm
MPF-6809154200	54 mm

New



5510

**TAP CONNECTOR
BSPP FEMALE**

PART NUMBER	TUBE OD	THREAD
MPF-6807015012	15 mm	1/2" BSPP
MPF-6807015034	15 mm	3/4" BSPP
MPF-6807022034	22 mm	3/4" BSPP
MPF-6807022100	22 mm	1" BSPP
MPF-6807028114	28 mm	1 1/4" BSPP
MPF-6807035112	35 mm	1 1/2" BSPP

New



5510

**WALLPLATE
BSPP FEMALE**

PART NUMBER	TUBE OD	THREAD
MPF-6834015012	15 mm	1/2" BSPP

All fittings supplied with black seals EPDM as standard



John Guest Speedfit – Plumbing & Heating Systems

The World-Leading Plastic Push-Fit Plumbing and Heating System

JG Speedfit offers a wide range of fittings, pipes, tap connectors, and service valves to help you complete your installation quickly and effortlessly. With its perfect push-fit and multi-seal technology blend, Speedfit creates a strong and reliable connection that is easy to install and dismantle without using tools. These fittings are compatible with copper and plastic pipes and have a 50-year guarantee. Furthermore, we provide a variety of flexible plastic pipes in both coils and straight lengths, making it easier to install in less accessible areas with reduced fittings. Installing and servicing fixtures and appliances is simple with push-fit tap connectors and service valves.

Features

- Instant push-fit connection and flexible pipe
- Collet with stainless steel teeth firmly grips the pipe
- Dual O-rings give a permanent leakproof seal
- Twist and lock increases the O-ring seal – a unique feature of JG Speedfit
- Lead-free and non-toxic
- Corrosion-free and no scale build-up

Benefits

- High performance and durable solution
- Install, demount and refit in seconds without tools
- Safe, flame-free installation, with no hot works
- Less labour-intensive, especially in tight spaces
- Fewer joints, fewer leaks, fewer callbacks
- Safer, cooler surface temperature

Warranty and Applicable Standards



Our core range of fittings and pipes now includes these products, which can be viewed online.

Specifications

WORKING TEMPERATURES & PRESSURES			
Application	Usual Working Temperature	Max. Working Temperature	Max. Working Pressure
Cold water (indirect & direct main)	20°C	20°C	12 bar
Central heating	82°C	105°C, short term Malfunction at 114°C	3 bar
Hot water (including unvented cylinders)	65°C	95°C	6 bar
MAXIMUM TORQUE (BSP & BSPT)			
Threads	Size	Maximum Torque	
Plastic	1/2"	3 Nm	
	3/4"	4 Nm	
Brass	1/2"	4 Nm	
	3/4"	5 Nm	

AN RWC BRAND



TWIST & LOCK FITTINGS – Look for this symbol

- Grip & seal cartridge with stainless steel teeth & main O-ring seal
- Twist & lock mechanism secures fitting & adds compression
- Compatible with hot & cold water & central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



EQUAL STRAIGHT CONNECTOR



2140

PART NUMBER	TUBE OD
JGPEM0410W	10 mm
JGPEM0415W	15 mm
JGPEM0422W	22 mm
JGPEM0428W	28 mm

Safely & securely connects two pipes of equal sizes



REDUCING STRAIGHT COUPLER



2140

PART NUMBER	TUBE OD	TUBE OD
JGPEM201510	15 mm	10 mm
JGPEM202215	22 mm	15 mm

Safely & securely connects two unequal metric pipe sizes



EQUAL ELBOW



2140

PART NUMBER	TUBE OD
JGPEM0310W	10 mm
JGPEM0315W	15 mm
JGPEM0322W	22 mm
JGPEM0328W	28 mm

Fast & reliably connects equal pipe sizes to form a 90° pipe bend



STEM ELBOW



2140

PART NUMBER	TUBE OD	STEM OD
JGPEM221010	10 mm	10 mm
JGPEM221515	15 mm	15 mm
JGPEM222222	22 mm	22 mm

Provides a swivel type connection

Note: A collet cover cannot be used on a Speedfit end assembled with the stem of a 22 mm stem elbow



EQUAL TEE



2140

PART NUMBER	TUBE OD
JGPEM0210W	10 mm
JGPEM0215W	15 mm
JGPEM0222W	22 mm
JGPEM0228W	28 mm

Safely & securely connects three pipes of equal size



REDUCING TEE



2140

PART NUMBER	TUBE OD	TUBE OD	TUBE OD
JGPEM3015BW	15 mm	10 mm	10 mm
JGPEM3015AW	15 mm	15 mm	10 mm
JGPEM3022CW	15 mm	15 mm	22 mm
JGPEM3022BW	22 mm	15 mm	15 mm
JGPEM3022DW	22 mm	15 mm	22 mm
JGPEM302210	22 mm	22 mm	10 mm
JGPEM3022AW	22 mm	22 mm	15 mm
JGPEM3028BW	28 mm	22 mm	22 mm
JGPEM3028AW	28 mm	28 mm	22 mm
JGPEM3028DW	28 mm	22 mm	28 mm

Safely & securely connects three pipes of unequal size



STEM TEE



2140

PART NUMBER	TUBE OD	TUBE OD	STEM OD
JGPEM532210	22 mm	22 mm	10 mm
JGPEM532215	22 mm	22 mm	15 mm

Safely & securely connects Speedfit fittings directly onto a tee to create a swivel ended connection



BENT TAP CONNECTOR BSPP FEMALE



2140

PART NUMBER	TUBE OD	THREAD
JGPEMBTC154	15 mm	1/2" BSPP

With brass swivel nut & sealing washer



STRAIGHT TAP CONNECTOR BSPP FEMALE



2140

PART NUMBER	TUBE OD	THREAD
JGPEMSTC154	15 mm	1/2" BSPP
JGPEMSTC156	15 mm	3/4" BSPP

With brass swivel nut & sealing washer
Simply connects pipework to a tap without tools (hand-tighten to tap)



REDUCER



2140

PART NUMBER	TUBE OD	STEM OD
JGPEM061510	15 mm	10 mm
JGPEM062215	22 mm	15 mm
JGPEM062815	28 mm	15 mm
JGPEM062822	28 mm	22 mm

Fast & securely connects two Speedfit fittings to reduce a line size

STANDARD FITTINGS – Look for this symbol



- Grip & seal cartridge with stainless steel teeth & main O-ring seal
- Compatible with hot & cold water & central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



**TAP CONNECTOR
BSPP FEMALE**



2140

PART NUMBER	TUBE OD	THREAD
JGPSE3210W	10 mm	1/2" BSPP
JGPSE3201W	15 mm	1/2" BSPP
JGPSE3203W	15 mm	3/4" BSPP
JGPSE3202W	22 mm	3/4" BSPP

Requires hand tightening only

Note: Plastic threads are not as strong as metal threads



STOP END



2140

PART NUMBER	TUBE OD
JGPSE4610W	10 mm
JGPSE4615W	15 mm
JGPSE4622W	22 mm

Safely & easily caps off pipework for a temporary or permanent installation. Suitable for central heating systems

**PIPE INSERT
FOR COMPRESSION FITTINGS**



2140

PART NUMBER	TUBE OD
JGTSM10N	10 mm
JGTSM15N	15 mm
JGTSM22N	22 mm
JGTSM28N	28 mm

To be used when connecting Speedfit pipe to a compression fitting or fitting from another manufacturer. Suitable for hot & cold water & central heating systems.



TANK CONNECTOR



2140

PART NUMBER	TUBE OD
JGCM0715S	15 mm
JGCM0722S	22 mm
JGCM0728S	28 mm

Suitable for cold water tanks only

Maximum wall thickness of tank 4 mm. Requires hand tightening only

**PIPE INSERT
SUPERSEAL**



2140

PART NUMBER	TUBE OD
JGSTS10	10 mm
JGSTS15	15 mm
JGSTS22	22 mm
JGSTS28	28 mm

Only to be used with Speedfit pipe & Speedfit fittings together, to give enhanced sealing. Creates a rigid connection & enhanced double seal when fitting a Speedfit pipe to a Speedfit fitting

Suitable for hot & cold water & central heating systems



PLUG



2140

PART NUMBER	TUBE OD
JGPL10	10 mm
JGPL15	15 mm
JGPL22	22 mm
JGPL28	28 mm

Safely plug a connection port on a Speedfit fitting, when not required. Suitable for central heating systems

PE-COPPER CONNECTOR



2140

PART NUMBER	TUBE OD	TUBE OD
JJGG601B	20 mm	15 mm
JJGG603B	25 mm	15 mm
JJGG602B	25 mm	22 mm

Used to connect PE pipe to copper or Speedfit plumbing pipe. Must not be buried directly into ground, soil, concrete or other substrates.

Safely & securely connects MDPE to copper or Speedfit pipe (inserts required).

**ACETAL FITTINGS
FOR DRINKS & OTHER POTABLE WATER**

ACETAL FITTINGS

CM range of metric size fittings are manufactured in acetal. With a food grade EPDM O-ring, they have been developed for the water industry but are equally suitable for other potable liquids. They are also recommended for intermittent hot water applications. The CM Range is NOT suitable for compressed air & vacuum applications.



**ADAPTOR
BSPP MALE**



2140

PART NUMBER	TUBE OD	THREAD
JGCM011514S	15 mm	1/2" BSPP
JGCM012216S	22 mm	3/4" BSPP



**TAP ADAPTOR
BSPP FEMALE**



2110

PART NUMBER	TUBE OD	THREAD
JGCM321014E	10 mm	1/2" BSPP

SUITABLE FOR CENTRAL HEATING SYSTEMS

STANDARD FITTINGS – Look for this symbol

- Grip & seal cartridge with stainless steel teeth & main O-ring seal
- Compatible with hot & cold water & central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



BRASS STOP VALVE BODY & HEAD DZR BRASS



2140

PART NUMBER	TUBE OD
JG15BSC	15 mm

Not suitable for potable water
Durable brass bodied screw-down mains stop valve

1/4 TURN VALVES – Look for this symbol

These valves have been designed to allow temporary servicing of downstream equipment & must only be used in the fully open or fully closed position.



DO NOT use these valves:

- In a partially open position to control flow
- To provide a permanent termination
- Without tubing assembled or plugged (or threaded connections sealed)
- As a tap or 'faucet'



BRASS DRAIN COCK DZR BRASS



2140

PART NUMBER	TUBE OD
JG15BDC	15 mm

Speedfit drain cocks cannot be used where collet covers are fitted.
They can be used with a standard fitting fitted with a collet clip.
Stem ended drain off valve provides an ideal drain down point.



BRASS SERVICE VALVE



2140

PART NUMBER	TUBE OD
JG15HSV-BRA	15 mm

Durable brass service valve allows isolation of the appliance for maintenance



SERVICE VALVE WITH TAP CONNECTOR BSPP FEMALE BRASS CHROME PLATED



2140

PART NUMBER	TUBE OD	THREAD
JG15PTSV	15 mm	1/2" BSPP
JG22PTSV	22 mm	3/4" BSPP

Chrome finished, one piece combined service valve & tap connector



SERVICE VALVE BRASS CHROME PLATED



2140

PART NUMBER	TUBE OD
JG10HSV	10 mm
JG15HSV	15 mm
JG22HSV	22 mm

Chrome finished service valve allows isolation of the appliance for maintenance



BALL VALVE BRASS CHROME PLATED



2140

PART NUMBER	TUBE OD
JG10BV	10 mm
JG15BV	15 mm
JG22BV	22 mm

Each valve has red & blue indices
Chrome finished service valve with isolating handle allows isolation of the appliance for maintenance.

Do you also need?



Manifolds

Please contact your distributor for further information

NOT SUITABLE FOR CENTRAL HEATING SYSTEMS

STANDARD FITTINGS – Look for this symbol



- Grip & seal cartridge with stainless steel teeth & main O-ring seal
- Compatible with hot & cold water & central heating systems, unless stated otherwise
- Suitable for use with plastic or copper pipe



WASHING MACHINE / APPLIANCE TAP BSPP MALE



2140

PART NUMBER	TUBE OD	THREAD
JG15APT	15 mm	3/4" BSPP

Hot & cold water only, 65°C maximum.
For maximum torque figures on plastic thread, please see Technical Checklist.
Quickly connects an appliance to the supply with integrated 1/4 turn shut off valve.



PLASTIC SERVICE VALVE



2140

PART NUMBER	TUBE OD
JG15SV	15 mm
JG22SV	22 mm

Hot & cold water only, 65°C maximum
Fast to connect inline service valve allows isolation of the appliance for maintenance



STOP VALVE



2140

PART NUMBER	TUBE OD
JG15STV/2	15 mm
JG22STV/2	22 mm

Hot & cold water only, 65°C maximum
Quick to connect screw down mains stop valve



EMERGENCY SHUT-OFF TAP



2140

PART NUMBER	TUBE OD
JG15ESOT	15 mm

Hot & cold water only, 65°C maximum
Streamline 1/4 turn shut off valve for emergency isolation to appliances

1/4 TURN VALVES – Look for this symbol



These valves have been designed to allow temporary servicing of downstream equipment & must only be used in the fully open or fully closed position.

DO NOT use these valves:

- In a partially open position to control flow
- To provide a permanent termination
- Without tubing assembled or plugged (or threaded connections sealed)
- As a tap or 'faucet'



DOUBLE CHECK VALVE



2140

PART NUMBER	TUBE OD
JG15DCV	15 mm

Hot & cold water only, 65°C maximum
Fast to connect double check valve for fluid category 3 backflow prevention



SINGLE CHECK VALVE



2140

PART NUMBER	TUBE OD
JG06SCV	6 mm
JG10SCV	10 mm
JG12SCV	12 mm



SINGLE CHECK VALVE IMPERIAL



2120

PART NUMBER	TUBE OD
JG38SCV	3/8"



SHUT-OFF VALVE LONG HANDLE



2110

PART NUMBER	TUBE OD
JGPISV0412S	3/8"



SHUT-OFF VALVE LONG HANDLE WITH MOUNTING CLIP



2110

PART NUMBER	TUBE OD
JGPISV04KIT	3/8"

FLEXI HOSE

FLEXI HOSE 300 MM LENGTH



2140

PART NUMBER	TUBE OD	TUBE OD
JGFLX33	15 mm	10 mm
JGFLX17	15 mm	15 mm
JGFLX26	22 mm	22 mm

500 MM LENGTH

JGFLX21	15 mm	15 mm
JGFLX27	22 mm	22 mm

Not suitable for central heating systems
Hot & cold water only, 65°C maximum

FEMALE THREAD FLEXI HOSE WITH SERVICE VALVE 300 MM LENGTH



2140

PART NUMBER	TUBE OD	THREAD
JGFLX24	15 mm	1/2" BSPP
JGFLX37**	15 mm	1/2" BSPP
JGFLX25*	22 mm	3/4" BSPP

500 MM LENGTH

JGFLX31	15 mm	1/2" BSPP
JGFLX38	15 mm	3/4" BSPP
JGFLX32	22 mm	3/4" BSPP

*Full bore. Not suitable for central heating systems

FEMALE THREAD FLEXI HOSE 300 MM LENGTH



2140

PART NUMBER	TUBE OD	THREAD
JGFLX34	10 mm	1/2" BSPP
JGFLX35	15 mm	3/8" BSPP
JGFLX15	15 mm	1/2" BSPP
JGFLX16	15 mm	3/4" BSPP
JGFLX22	22 mm	3/4" BSPP

500 MM LENGTH

JGFLX18	15 mm	1/2" BSPP
JGFLX20	15 mm	3/4" BSPP
JGFLX19	22 mm	3/4" BSPP
JGFLX23	22 mm	3/4" BSPP

*Full bore. Not suitable for central heating systems

FEMALE THREAD FLEXI HOSE ELBOW PATTERN 300 MM LENGTH



2140

PART NUMBER	TUBE OD	THREAD
JGFLX36	15 mm	1/2" BSPP

Not suitable for central heating systems
Hot & cold water only, 65°C maximum

MALE THREAD FLEXI HOSE FOR MONOBLOCK MIXERS 300 MM LENGTH



2140

PART NUMBER	TUBE OD	THREAD
JGFLX29	15 mm	M12

Not suitable for central heating systems
Hot & cold water only, 65°C maximum
PRICE per pair

BARRIER PIPE

SPEEDFIT BARRIER PIPE COILS



2140

PART NUMBER	TUBE OD	LENGTH
JG10BPEX-25	10 mm	25 m
JG10BPEX-50	10 mm	50 m
JG10BPEX-100	10 mm	100 m
JG15BPEX-25	15 mm	25 m
JG15BPEX-50	15 mm	50 m
JG15BPEX-100	15 mm	100 m
JG15BPEX-120	15 mm	120 m
JG15BPEX-150	15 mm	150 m
JG22BPEX-25	22 mm	25 m
JG22BPEX-50	22 mm	50 m

Suitable for central heating systems
PRICE per coil

The pipe has an inner barrier to stop the ingress of atmosphere

SPEEDFIT BARRIER PIPE STRAIGHT PIPE



2140

PART NUMBER	TUBE OD	LENGTH
JG15BPEX-2L	15 mm	2 m
JG15BPEX-3L	15 mm	3 m
JG15BPEX-6L	15 mm	6 m
JG22BPEX-2L	22 mm	2 m
JG22BPEX-3L	22 mm	3 m
JG22BPEX-6L	22 mm	6 m
JG28BPEX-3L	28 mm	3 m

Suitable for central heating systems
PRICE per length

The pipe has an inner barrier to stop the ingress of atmosphere



PARKAIR® uPVC Pipe Fittings

uPVC, which stands for unplasticised polyvinyl chloride, is a widely used thermoplastic material for pipework installations. Its advantages include being lightweight, having excellent resistance to chemicals and abrasion, and being tasteless and odourless, making it great for potable water systems and most food products. Additionally, the smooth bore of uPVC pipes provides excellent flow characteristics. You can identify uPVC products by their dark grey colour.

uPVC is resistant to most acids, alkalis, salts, and solvents mixed with water. However, it is not resistant to aromatic chlorinated hydrocarbons. Connections can be made using solvent cement or BSP threaded fittings.

Manufacturing Standards

Our uPVC fittings, including elbows, equal tees, caps, and adaptors, are Kitemark certified with certificate number KM 654613. Additionally, our uPVC products are WRAS-approved. We manufacture imperial uPVC products to the following industry standards:



Pipe – EN1452-2

Fittings – EN1452-3 / BS4346 Part 1

Threaded fittings – BS21, DIN2999, ISO7



Specifications

Unless otherwise stated, PVC pressure fittings have the following pressure ratings:

Solvent weld – 3/8" to 8" = Class E/15 bar

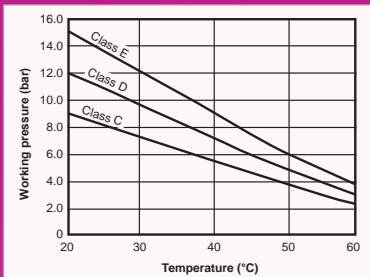
10" = Class D/12 bar

Threaded = Class D/12 bar

* All quoted at 20°C

Pressure ratings for plastic pipework systems are typically provided for a temperature of 20°C. A fundamental principle in these systems is that increasing the temperature will reduce the pressure rating. uPVC systems should never be used for temperatures over 60°C.

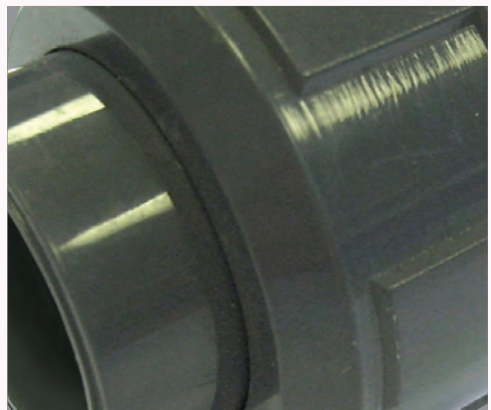
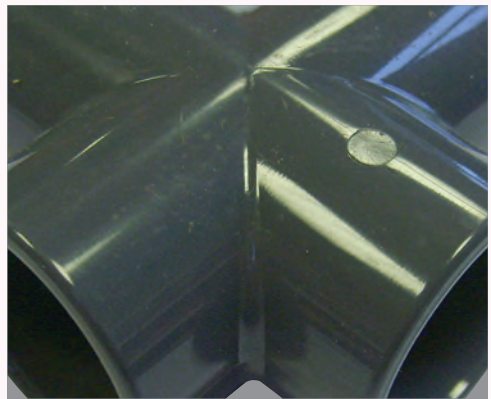
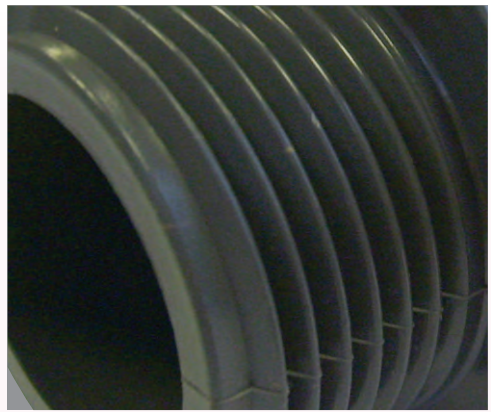
Please refer to the chart below to understand the uPVC pipework systems' pressure / temperature relationship.



When installing pipes above the ground level, it is essential to provide sufficient support to ensure that the weight of the pipe and its contents are adequately supported. Please refer to the table to the right to determine the recommended maximum support spacing for horizontal uPVC pipes carrying water.



Tube NB,
Nominal bore or
nominal pipe size



SPACING GIVEN IN METRES

NOMINAL BORE	SPACING GIVEN IN METRES						20°C to 45°C VERTICAL PIPES
	20°C	25°C	30°C	35°C	40°C	45°C	
3/8"	0.75	0.67	0.60	0.50	0.40	–	0.80
1/2"	0.85	0.77	0.70	0.60	0.50	–	0.90
3/4"	0.90	0.82	0.75	0.65	0.55	0.50	1.00
1"	1.00	0.92	0.85	0.75	0.65	0.57	1.20
1 1/4"	1.10	1.05	1.00	0.90	0.80	0.70	1.40
1 1/2"	1.25	1.20	1.15	1.05	0.95	0.82	1.60
2"	1.40	1.35	1.30	1.20	1.10	0.97	1.80
2 1/2"	1.50	1.45	1.40	1.30	1.20	1.07	2.00
3"	1.65	1.60	1.55	1.45	1.35	1.20	2.20
4"	1.85	1.80	1.75	1.65	1.55	1.37	2.40
5"	2.15	2.10	2.05	1.95	1.85	1.72	2.50
6"	2.25	2.20	2.15	2.07	2.00	1.85	2.50
8"	2.50	2.45	2.40	2.32	2.25	2.12	2.50

**ADAPTOR
BSPP MALE**



PART NUMBER	THREAD	TUBE NB	LENGTH
aPAD32-12	1/2" BSPP	1/2"	46.0 mm
aPAD32-34	3/4" BSPP	3/4"	50.0 mm
aPAD32-1	1" BSPP	1"	57.0 mm
aPAD32-114	1 1/4" BSPP	1 1/4"	66.5 mm
aPAD32-112	1 1/2" BSPP	1 1/2"	74.0 mm
aPAD32-2	2" BSPP	2"	84.0 mm
aPAD32-212	2 1/2" BSPP	2 1/2"	99.0 mm
aPAD32-3	3" BSPP	3"	110.0 mm
aPAD32-4	4" BSPP	4"	120.0 mm

**ADAPTOR
BSPP FEMALE**



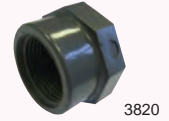
PART NUMBER	THREAD	TUBE NB	LENGTH
aPAD42-12	1/2" BSPP	1/2"	39.0 mm
aPAD42-34	3/4" BSPP	3/4"	43.3 mm
aPAD42-1	1" BSPP	1"	49.1 mm
aPAD42-114	1 1/4" BSPP	1 1/4"	57.4 mm
aPAD42-112	1 1/2" BSPP	1 1/2"	62.4 mm
aPAD42-2	2" BSPP	2"	73.7 mm
aPAD42-3	3" BSPP	3"	98.3 mm
aPAD42-4	4" BSPP	4"	115.3 mm

90° R/S BEND



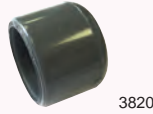
PART NUMBER	TUBE NB
aPBE33-12	1/2"
aPBE33-34	3/4"
aPBE33-1	1"
aPBE33-114	1 1/4"
aPBE33-112	1 1/2"
aPBE33-2	2"
aPBE33-212	2 1/2"
aPBE33-3	3"
aPBE33-4	4"

**CAPS
BSPP FEMALE**



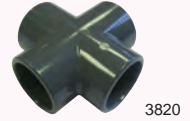
PART NUMBER	THREAD	LENGTH
aPCA71-12	1/2" BSPP	26.0 mm
aPCA71-34	3/4" BSPP	28.0 mm
aPCA71-1	1" BSPP	32.0 mm
aPCA71-114	1 1/4" BSPP	35.0 mm
aPCA71-112	1 1/2" BSPP	35.0 mm
aPCA71-2	2" BSPP	39.0 mm
aPCA71-212	2 1/2" BSPP	52.0 mm
aPCA71-3	3" BSPP	56.0 mm
aPCA71-4	4" BSPP	64.0 mm

CAPS



PART NUMBER	TUBE NB	LENGTH
aPCA73-12	1/2"	27.0 mm
aPCA73-34	3/4"	31.0 mm
aPCA73-1	1"	36.0 mm
aPCA73-114	1 1/4"	43.0 mm
aPCA73-112	1 1/2"	49.0 mm
aPCA73-2	2"	57.0 mm
aPCA73-212	2 1/2"	67.0 mm
aPCA73-3	3"	80.0 mm
aPCA73-4	4"	95.0 mm
aPCA73-5	5"	114.0 mm
aPCA73-6	6"	126.0 mm
aPCA73-8	8"	145.0 mm

EQUAL CROSS



PART NUMBER	TUBE NB
aPCR33-12	1/2"
aPCR33-34	3/4"
aPCR33-1	1"
aPCR33-114	1 1/4"
aPCR33-112	1 1/2"
aPCR33-2	2"

**90° ELBOW
BSPP FEMALE**



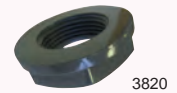
PART NUMBER	THREAD	TUBE NB
aPEL32-12	1/2" BSPP	1/2"
aPEL32-34	3/4" BSPP	3/4"
aPEL32-1	1" BSPP	1"
aPEL32-114	1 1/4" BSPP	1 1/4"
aPEL32-112	1 1/2" BSPP	1 1/2"
aPEL32-2	2" BSPP	2"
aPEL32-3	3" BSPP	3"

**90° ELBOW
BSPP FEMALE**



PART NUMBER	THREAD
aPEL51-12	1/2" BSPP
aPEL51-34	3/4" BSPP
aPEL51-1	1" BSPP
aPEL51-114	1 1/4" BSPP
aPEL51-112	1 1/2" BSPP
aPEL51-2	2" BSPP
aPEL51-212	2 1/2" BSPP
aPEL51-3	3" BSPP
aPEL51-4	4" BSPP

**BACK NUT
BSPP FEMALE**



PART NUMBER	THREAD
aPNU91-12	1/2" BSPP
aPNU91-34	3/4" BSPP
aPNU91-1	1" BSPP
aPNU91-114	1 1/4" BSPP
aPNU91-112	1 1/2" BSPP
aPNU91-2	2" BSPP
aPNU91-3	3" BSPP
aPNU91-4	4" BSPP



90° ELBOW

PART NUMBER	TUBE NB
aPEL53-12	1/2"
aPEL53-34	3/4"
aPEL53-1	1"
aPEL53-114	1 1/4"
aPEL53-112	1 1/2"
aPEL53-2	2"
aPEL53-212	2 1/2"
aPEL53-3	3"
aPEL53-4	4"
aPEL53-5	5"
aPEL53-6	6"
aPEL53-8	8"



45° ELBOW

PART NUMBER	TUBE NB
aPEY53-12	1/2"
aPEY53-34	3/4"
aPEY53-1	1"
aPEY53-114	1 1/4"
aPEY53-112	1 1/2"
aPEY53-2	2"
aPEY53-212	2 1/2"
aPEY53-3	3"
aPEY53-4	4"
aPEY53-5	5"
aPEY53-6	6"
aPEY53-8	8"



FULL FACED FLANGE TABLE

PART NUMBER	TUBE NB
aPFF30-114	1 1/4"
aPFF30-112	1 1/2"
aPFF30-2	2"
aPFF30-3	3"



FULL FACED FLANGE PN16

PART NUMBER	TUBE NB
aPFF33-12	1/2"
aPFF33-34	3/4"
aPFF33-1	1"
aPFF33-114	1 1/4"
aPFF33-112	1 1/2"
aPFF33-2	2"
aPFF33-212	2 1/2"
aPFF33-3	3"
aPFF33-4	4"

New

GALVANISED BACKING RING NP10/16



PART NUMBER	TUBE NB
aGSB31-12	1/2"
aGSB31-34	3/4"
aGSB31-1	1"
aGSB31-114	1 1/4"
aGSB31-112	1 1/2"
aGSB31-2	2"
aGSB31-212	2 1/2"
aGSB31-3	3"
aGSB31-4	4"



HOSE ADAPTOR

PART NUMBER	TUBE NB	TAIL DIA	LENGTH
aPHN63-12	1/2"	20 mm	70.0 mm
aPHN63-34	3/4"	25 mm	79.0 mm
aPHN63-1	1"	32 mm	83.0 mm
aPHN63-114	1 1/4"	40 mm	96.0 mm
aPHN63-112	1 1/2"	50 mm	108.0 mm
aPHN63-2	2"	60 mm	130.0 mm

HOSE ADAPTOR BSPP MALE



PART NUMBER	THREAD	TAIL DIA	LENGTH
aPHN61-12	1/2" BSPP	20 mm	70.0 mm
aPHN61-34	3/4" BSPP	25 mm	75.0 mm
aPHN61-1	1" BSPP	32 mm	80.0 mm
aPHN61-114	1 1/4" BSPP	40 mm	92.0 mm
aPHN61-112	1 1/2" BSPP	50 mm	100.0 mm
aPHN61-2	2" BSPP	60 mm	118.0 mm

SOCKET BSPP FEMALE



PART NUMBER	THREAD	LENGTH
aPSO11-12	1/2" BSPP	37.0 mm
aPSO11-34	3/4" BSPP	39.6 mm
aPSO11-1	1" BSPP	46.2 mm
aPSO11-114	1 1/4" BSPP	50.8 mm
aPSO11-112	1 1/2" BSPP	50.8 mm
aPSO11-2	2" BSPP	59.4 mm
aPSO11-212	2 1/2" BSPP	69.4 mm
aPSO11-3	3" BSPP	76.6 mm
aPSO11-4	4" BSPP	89.6 mm

PLUG BSPP MALE



PART NUMBER	THREAD
aPPL71-12	1/2" BSPP
aPPL71-34	3/4" BSPP
aPPL71-1	1" BSPP
aPPL71-114	1 1/4" BSPP
aPPL71-112	1 1/2" BSPP
aPPL71-2	2" BSPP
aPPL71-212	2 1/2" BSPP
aPPL71-3	3" BSPP
aPPL71-4	4" BSPP

HEXAGON NIPPLE BSPP MALE



PART NUMBER	THREAD	LENGTH
aPNI61-12	1/2" BSPP	42.0 mm
aPNI61-34	3/4" BSPP	44.0 mm
aPNI61-1	1" BSPP	50.0 mm
aPNI61-114	1 1/4" BSPP	58.0 mm
aPNI61-112	1 1/2" BSPP	58.0 mm
aPNI61-2	2" BSPP	66.0 mm



3820

SOCKET

PART NUMBER	TUBE NB	LENGTH
aPSO13-12	1/2"	35.0 mm
aPSO13-34	3/4"	41.0 mm
aPSO13-1	1"	47.0 mm
aPSO13-114	1 1/4"	55.0 mm
aPSO13-112	1 1/2"	65.0 mm
aPSO13-2	2"	79.0 mm
aPSO13-212	2 1/2"	92.0 mm
aPSO13-3	3"	107.0 mm
aPSO13-4	4"	128.0 mm
aPSO13-5	5"	160.0 mm
aPSO13-6	6"	180.0 mm
aPSO13-8	8"	249.0 mm



3820

**SOCKET
BSPP FEMALE**

PART NUMBER	THREAD	TUBE NB	LENGTH
aPSO32-12	1/2" BSPP	1/2"	35.0 mm
aPSO32-34	3/4" BSPP	3/4"	39.3 mm
aPSO32-1	1" BSPP	1"	46.1 mm
aPSO32-114	1 1/4" BSPP	1 1/4"	52.4 mm
aPSO32-112	1 1/2" BSPP	1 1/2"	57.4 mm
aPSO32-2	2" BSPP	2"	68.7 mm
aPSO32-212	2 1/2" BSPP	2 1/2"	79.2 mm
aPSO32-3	3" BSPP	3"	92.3 mm
aPSO32-4	4" BSPP	4"	108.3 mm



3820

STUB FLANGE

PART NUMBER	TUBE NB	LENGTH
aPST23-12	1/2"	16.0 mm
aPST23-34	3/4"	19.0 mm
aPST23-1	1"	22.0 mm
aPST23-114	1 1/4"	26.0 mm
aPST23-112	1 1/2"	31.0 mm
aPST23-2	2"	38.0 mm
aPST23-212	2 1/2"	44.0 mm
aPST23-3	3"	51.0 mm
aPST23-4	4"	61.0 mm
aPST23-5	5"	76.0 mm
aPST23-6	6"	86.0 mm
aPST23-8	8"	119.0 mm



3820

**EQUAL TEE
BSPP FEMALE**

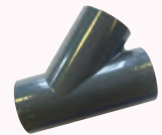
PART NUMBER	THREAD
aPTE41-12	1/2" BSPP
aPTE41-34	3/4" BSPP
aPTE41-1	1" BSPP
aPTE41-114	1 1/4" BSPP
aPTE41-112	1 1/2" BSPP
aPTE41-2	2" BSPP
aPTE41-212	2 1/2" BSPP
aPTE41-3	3" BSPP
aPTE41-4	4" BSPP



3820

EQUAL TEE

PART NUMBER	TUBE NB
aPTE43-12	1/2"
aPTE43-34	3/4"
aPTE43-1	1"
aPTE43-114	1 1/4"
aPTE43-112	1 1/2"
aPTE43-2	2"
aPTE43-212	2 1/2"
aPTE43-3	3"
aPTE43-4	4"
aPTE43-5	5"
aPTE43-6	6"
aPTE43-8	8"



3820

45° TEE

PART NUMBER	TUBE NB
aPTY43-12	1/2"
aPTY43-34	3/4"
aPTY43-1	1"
aPTY43-114	1 1/4"
aPTY43-112	1 1/2"
aPTY43-2	2"



3820

**SOCKET UNION
BSPP FEMALE**

PART NUMBER	THREAD	TUBE NB
aPUN72-12	1/2" BSPP	1/2"
aPUN72-34	3/4" BSPP	3/4"
aPUN72-1	1" BSPP	1"
aPUN72-114	1 1/4" BSPP	1 1/4"
aPUN72-112	1 1/2" BSPP	1 1/2"
aPUN72-2	2" BSPP	2"



3820

**SOCKET UNION
BSPP FEMALE**

PART NUMBER	THREAD
aPUN81-12	1/2" BSPP
aPUN81-34	3/4" BSPP
aPUN81-1	1" BSPP
aPUN81-114	1 1/4" BSPP
aPUN81-112	1 1/2" BSPP
aPUN81-2	2" BSPP

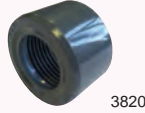
SOCKET UNION



3820

PART NUMBER	TUBE NB	TUBE NB
aPUN83-12	1/2"	1/2"
aPUN83-34	3/4"	3/4"
aPUN83-1	1"	1"
aPUN83-114	1 1/4"	1 1/4"
aPUN83-112	1 1/2"	1 1/2"
aPUN83-2	2"	2"
aPUN83-212	2 1/2"	2 1/2"
aPUN83-3	3"	3"
aPUN83-4	4"	4"

**REDUCING BUSH
BSPP FEMALE**



3820

PART NUMBER	TUBE NB	THREAD
aPRB303412	3/4"	1/2" BSPP
aPRB30134	1"	3/4" BSPP
aPRB301141	1 1/4"	1" BSPP
aPRB301214	1 1/2"	1 1/4" BSPP
aPRB302112	2"	1 1/2" BSPP

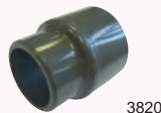
REDUCING BUSH



3820

PART NUMBER	TUBE NB	TUBE NB
aPRB933412	3/4"	1/2"
aPRB93112	1"	1/2"
aPRB93134	1"	3/4"
aPRB931412	1 1/4"	1/2"
aPRB931434	1 1/4"	3/4"
aPRB931141	1 1/4"	1"
aPRB931234	1 1/2"	3/4"
aPRB931121	1 1/2"	1"
aPRB931214	1 1/2"	1 1/4"
aPRB9321	2"	1"
aPRB932114	2"	1 1/4"
aPRB932112	2"	1 1/2"
aPRB932212	2 1/2"	1 1/2"
aPRB932122	2 1/2"	2"
aPRB933112	3"	1 1/2"
aPRB9332	3"	2"
aPRB933212	3"	2 1/2"
aPRB9342	4"	2"
aPRB934212	4"	2 1/2"
aPRB9343	4"	3"
aPRB9353	5"	3"
aPRB9354	5"	4"
aPRB9364	6"	4"
aPRB9386	8"	6"

REDUCING SOCKET



3820

PART NUMBER	TUBE NB	TUBE NB
aPRS133412	3/4"	1/2"
aPRS13134	1"	3/4"
aPRS131141	1 1/4"	1"
aPRS131214	1 1/2"	1 1/4"
aPRS132112	2"	1 1/2"
aPRS132122	2 1/2"	2"
aPRS133212	3"	2 1/2"
aPRS1343	4"	3"

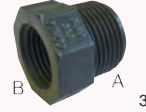
**REDUCING NIPLLE
MALE THREAD**



3820

PART NUMBER	THREAD	THREAD
aPNR613412	3/4" BSPP	1/2" BSPP
aPNR61134	1" BSPP	3/4" BSPP
aPNR611141	1 1/4" BSPP	1" BSPP
aPNR611214	1 1/2" BSPP	1 1/4" BSPP
aPNR612112	2" BSPP	1 1/2" BSPP

**REDUCING BUSH
SHORT PATTERN
BSPP MALE / BSPP FEMALE**



3820

PART NUMBER	THREAD A	THREAD B
aPRB913412	3/4" BSPP	1/2" BSPP
aPRB91134	1" BSPP	3/4" BSPP
aPRB911141	1 1/4" BSPP	1" BSPP
aPRB911214	1 1/2" BSPP	1 1/4" BSPP
aPRB912112	2" BSPP	1 1/2" BSPP

**REDUCING BUSH
LONG PATTERN
BSPP MALE / BSPP FEMALE**



3820

PART NUMBER	THREAD A	THREAD B
aPRE611238	1/2" BSPP	3/8" BSPP
aPRE61112	1" BSPP	1/2" BSPP
aPRE611434	1 1/4" BSPP	3/4" BSPP
aPRE611121	1 1/2" BSPP	1" BSPP
aPRE6121	2" BSPP	1" BSPP
aPRE6132	3" BSPP	2" BSPP
aPRE6143	4" BSPP	3" BSPP

**REDUCING TEE
BSPP FEMALE**



3820

PART NUMBER	THREAD	THREAD
aPTR43-212	2" BSPP	1/2" BSPP
aPTR43-32	3" BSPP	2" BSPP
aPTR43-42	4" BSPP	2" BSPP

REDUCING SOCKET



3820

PART NUMBER	TUBE NB	TUBE NB
aPSO141220	1/2"	20 mm
aPSO143425	3/4"	25 mm
aPSO14132	1"	32 mm
aPSO141440	1 1/4"	40 mm
aPSO141250	1 1/2"	50 mm
aPSO14263	2"	63 mm
aPSO14390	3"	90 mm
aPSO144110	4"	110 mm



PARKAIR® ABS Pipe Fittings

ABS, which stands for acrylonitrile butadiene styrene, is a highly durable thermoplastic used in various industries, including food and beverage production, sewerage, and water treatments. This type of pipework system is known for its exceptional impact and chemical resistance, making it a popular choice for many applications.

ABS is also non-toxic, meeting the toxicological requirements of the British Plastic Federation, British Biological Research Association Code of Practice for Food Usage 45/5, and EEC requirements for plastic materials in contact with foodstuffs. The system is lightweight, sturdy, and easy to install using solvent cement. ABS products are identifiable by their light grey colour.

While ABS is resistant to a wide range of diluted inorganic acids, organic acids, salts, animal fats, and oils, it is not impervious to organic solvents, alcohol, petrol, acetic acid, or vegetable oils.

Manufacturing Standards

ABS products are generally manufactured to the following standards:

Primeline pipe – BS5391 Part 1

Fittings – BS5392 Part 1

Threaded fittings – BS21, DIN2999, ISO7

Specifications

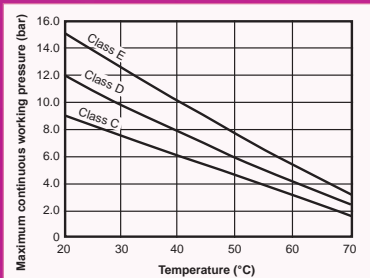
Unless otherwise stated, ABS pressure fittings have the following pressure ratings: * All quoted at 20°C

Solvent weld – 1/2" to 8" = Class E/15 bar

10" = Class D/12 bar

Threaded = Class D/12 bar

Pressure ratings for plastic pipework systems are quoted at a standard temperature of 20°C. If the temperature increases, the pressure rating must decrease accordingly. It is crucial to avoid using ABS systems for temperatures exceeding 70°C. Refer to the chart below to understand the relationship between pressure and temperature in ABS pipework systems.

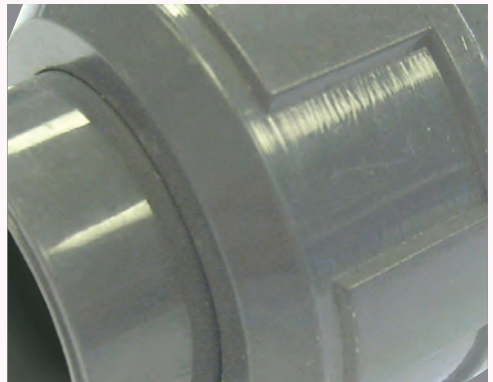
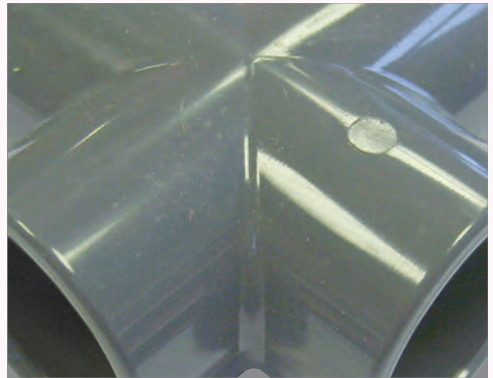
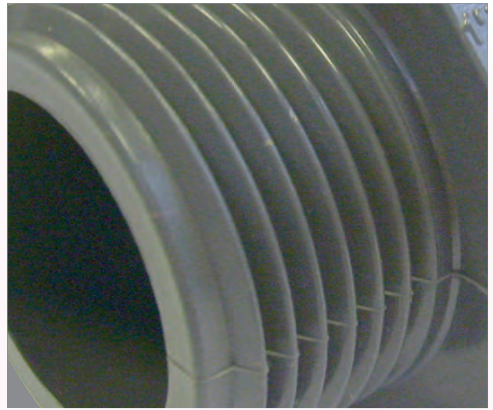


In above-ground installations, supporting ABS pipes and their contents is essential. The recommended maximum spacing for ABS pipes depends on the following operating conditions:

1. Fluid density of not more than 1g/cm³
2. PN15 pipe
3. Horizontal pipe runs



Tube NB,
Nominal bore or
nominal pipe size



NOMINAL BORE	SPACING GIVEN IN METRES			DIMENSIONS IN MM	
	20°C	50°C	70°C	NOMINAL BORE	MEAN OD
	PIPEWORK SUPPORT CENTRES				
3/8"	0.8	0.5	0.4	–	–
1/2"	0.9	0.6	0.5	1/2"	21.4
3/4"	1.0	0.7	0.6	3/4"	26.7
1"	1.1	0.8	0.7	1"	33.6
1 1/4"	1.2	0.9	0.7	1 1/4"	42.2
1 1/2"	1.3	1.0	0.7	1 1/2"	48.3
2"	1.4	1.1	0.8	2"	60.3
2 1/2"	1.5	1.2	0.8	2 1/2"	75.2
3"	1.6	1.2	0.9	3"	88.9
4"	1.8	1.3	1.0	4"	114.3
5"	2.0	1.5	1.1	5"	140.2
6"	2.1	1.6	1.2	6"	168.3
8"	2.3	1.8	1.5	8"	219.1

For vertical pipe runs, spacing should be increased by 50%.



3825

ADAPTOR BSPP MALE

PART NUMBER	THREAD	TUBE NB	LENGTH
aAAD32-12	1/2" BSPP	1/2"	46.0 mm
aAAD32-34	3/4" BSPP	3/4"	50.0 mm
aAAD32-1	1" BSPP	1"	57.0 mm
aAAD32-114	1 1/4" BSPP	1 1/4"	66.5 mm
aAAD32-112	1 1/2" BSPP	1 1/2"	74.0 mm
aAAD32-2	2" BSPP	2"	84.0 mm
aAAD32-3	3" BSPP	3"	110.0 mm
aAAD32-4	4" BSPP	4"	120.0 mm



3825

ADAPTOR BSPP FEMALE

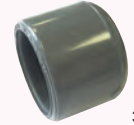
PART NUMBER	THREAD	TUBE NB	LENGTH
aAAD42-12	1/2" BSPP	1/2"	39.0 mm
aAAD42-34	3/4" BSPP	3/4"	43.3 mm
aAAD42-1	1" BSPP	1"	49.1 mm
aAAD42-114	1 1/4" BSPP	1 1/4"	57.4 mm
aAAD42-112	1 1/2" BSPP	1 1/2"	62.4 mm
aAAD42-2	2" BSPP	2"	73.7 mm
aAAD42-3	3" BSPP	3"	98.3 mm
aAAD42-4	4" BSPP	4"	115.3 mm



3825

90° R/S BEND

PART NUMBER	TUBE NB
aABE33-12	1/2"
aABE33-34	3/4"
aABE33-1	1"
aABE33-114	1 1/4"
aABE33-112	1 1/2"
aABE33-2	2"
aABE33-212	2 1/2"
aABE33-3	3"
aABE33-4	4"



3825

CAPS

PART NUMBER	TUBE NB	LENGTH
aACA73-12	1/2"	27.0 mm
aACA73-34	3/4"	31.0 mm
aACA73-1	1"	36.0 mm
aACA73-114	1 1/4"	43.0 mm
aACA73-112	1 1/2"	49.0 mm
aACA73-2	2"	57.0 mm
aACA73-212	2 1/2"	67.0 mm
aACA73-3	3"	80.0 mm
aACA73-4	4"	95.0 mm
aACA73-5	5"	114.0 mm
aACA73-6	6"	126.0 mm



3825

EQUAL CROSS

PART NUMBER	TUBE NB
aACR33-12	1/2"
aACR33-34	3/4"
aACR33-1	1"
aACR33-114	1 1/4"
aACR33-112	1 1/2"
aACR33-2	2"



3825

90° ELBOW BSPP FEMALE

PART NUMBER	THREAD	TUBE NB
aAEL32-12	1/2" BSPP	1/2"
aAEL32-34	3/4" BSPP	3/4"
aAEL32-1	1" BSPP	1"
aAEL32-114	1 1/4" BSPP	1 1/4"
aAEL32-112	1 1/2" BSPP	1 1/2"
aAEL32-2	2" BSPP	2"



3825

90° ELBOW

PART NUMBER	TUBE NB
aAEL53-12	1/2"
aAEL53-34	3/4"
aAEL53-1	1"
aAEL53-114	1 1/4"
aAEL53-112	1 1/2"
aAEL53-2	2"
aAEL53-212	2 1/2"
aAEL53-3	3"
aAEL53-4	4"
aAEL53-5	5"
aAEL53-6	6"
aAEL53-8	8"



3825

45° ELBOW

PART NUMBER	TUBE NB
aAEY53-12	1/2"
aAEY53-34	3/4"
aAEY53-1	1"
aAEY53-114	1 1/4"
aAEY53-112	1 1/2"
aAEY53-2	2"
aAEY53-212	2 1/2"
aAEY53-3	3"
aAEY53-4	4"
aAEY53-5	5"
aAEY53-6	6"



3825



3825

FULL FACED FLANGE TABLE E

PART NUMBER	TUBE NB
aAFF30-114	1 1/4"
aAFF30-112	1 1/2"
aAFF30-2	2"

FULL FACED FLANGE PN16

PART NUMBER	TUBE NB
aAFF33-12	1/2"
aAFF33-34	3/4"
aAFF33-1	1"
aAFF33-114	1 1/4"
aAFF33-112	1 1/2"
aAFF33-2	2"
aAFF33-212	2 1/2"
aAFF33-3	3"
aAFF33-4	4"



3825

SOCKET

PART NUMBER	TUBE NB	LENGTH
aASO13-12	1/2"	35.0 mm
aASO13-34	3/4"	41.0 mm
aASO13-1	1"	47.0 mm
aASO13-114	1 1/4"	55.0 mm
aASO13-112	1 1/2"	65.0 mm
aASO13-2	2"	79.0 mm
aASO13-212	2 1/2"	92.0 mm
aASO13-3	3"	107.0 mm
aASO13-4	4"	128.0 mm
aASO13-5	5"	160.0 mm
aASO13-6	6"	180.0 mm
aASO13-8	8"	249.0 mm

SOCKET BSPP FEMALE

PART NUMBER	THREAD	TUBE NB	LENGTH
aASO32-12	1/2" BSPP	1/2"	35.0 mm
aASO32-34	3/4" BSPP	3/4"	39.3 mm
aASO32-1	1" BSPP	1"	46.1 mm
aASO32-114	1 1/4" BSPP	1 1/4"	52.4 mm
aASO32-112	1 1/2" BSPP	1 1/2"	57.4 mm
aASO32-2	2" BSPP	2"	68.7 mm
aASO32-212	2 1/2" BSPP	2 1/2"	79.2 mm
aASO32-3	3" BSPP	3"	92.3 mm
aASO32-4	4" BSPP	4"	108.3 mm



3825



3825

STUB FLANGE

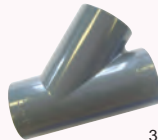
PART NUMBER	TUBE NB	LENGTH
aAST23-12	1/2"	16.0 mm
aAST23-34	3/4"	19.0 mm
aAST23-1	1"	22.0 mm
aAST23-114	1 1/4"	26.0 mm
aAST23-112	1 1/2"	31.0 mm
aAST23-2	2"	38.0 mm
aAST23-212	2 1/2"	44.0 mm
aAST23-3	3"	51.0 mm
aAST23-4	4"	61.0 mm
aAST23-5	5"	76.0 mm
aAST23-6	6"	86.0 mm
aAST23-8	8"	119.0 mm

EQUAL TEE

PART NUMBER	TUBE NB
aATE43-12	1/2"
aATE43-34	3/4"
aATE43-1	1"
aATE43-114	1 1/4"
aATE43-112	1 1/2"
aATE43-2	2"
aATE43-212	2 1/2"
aATE43-3	3"
aATE43-4	4"
aATE43-5	5"
aATE43-6	6"
aATE43-8	8"



3825



3825

45° TEE

PART NUMBER	TUBE NB
aATY43-12	1/2"
aATY43-34	3/4"
aATY43-1	1"
aATY43-114	1 1/4"
aATY43-112	1 1/2"
aATY43-2	2"

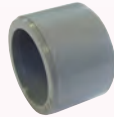
SOCKET UNION

PART NUMBER	TUBE NB
aAUN83-12	1/2"
aAUN83-34	3/4"
aAUN83-1	1"
aAUN83-114	1 1/4"
aAUN83-112	1 1/2"
aAUN83-2	2"
aAUN83-212	2 1/2"
aAUN83-3	3"
aAUN83-4	4"



3825

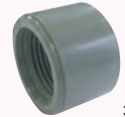
ABS PIPE FITTINGS



3825

REDUCING BUSH

PART NUMBER	TUBE NB	TUBE NB
aARB933412	3/4"	1/2"
aARB93112	1"	1/2"
aARB93134	1"	3/4"
aARB931412	1 1/4"	1/2"
aARB931434	1 1/4"	3/4"
aARB931141	1 1/4"	1"
aARB931234	1 1/2"	3/4"
aARB931121	1 1/2"	1"
aARB931214	1 1/2"	1 1/4"
aARB9321	2"	1"
aARB932114	2"	1 1/4"
aARB932112	2"	1 1/2"
aARB932122	2 1/2"	2"
aARB933112	3"	1 1/2"
aARB9332	3"	2"
aARB933212	3"	2 1/2"
aARB9342	4"	2"
aARB934212	4"	2 1/2"
aARB9343	4"	3"
aARB9354	5"	4"
aARB9364	6"	4"
aARB9386	8"	6"



3825

REDUCING BUSH
BSPP FEMALE

PART NUMBER	TUBE NB	THREAD
aARB303412	3/4"	1/2" BSPP
aARB30134	1"	3/4" BSPP



3825

REDUCING SOCKET

PART NUMBER	TUBE NB	TUBE NB
aARS133412	3/4"	1/2"
aARS13134	1"	3/4"
aARS131141	1 1/4"	1"
aARS131214	1 1/2"	1 1/4"
aARS132112	2"	1 1/2"
aARS132122	2 1/2"	2"
aARS133212	3"	2 1/2"
aARS1343	4"	3"

CHECK VALVES - FOR SOLVENT WELDING



3828

ABS DOUBLE UNION
EPDM SEALS

PART NUMBER	TUBE NB
aACVD13-12	1/2"
aACVD13-34	3/4"
aACVD13-1	1"
aACVD13-114	1 1/4"
aACVD13-112	1 1/2"
aACVD13-2	2"



3828

uPVC DOUBLE UNION
EPDM SEALS

PART NUMBER	TUBE NB
aPCVD13-12	1/2"
aPCVD13-34	3/4"
aPCVD13-1	1"
aPCVD13-114	1 1/4"
aPCVD13-112	1 1/2"
aPCVD13-2	2"

uPVC & ABS ACCESSORIES



3820

SOLVENT CEMENT
FOR uPVC FITTINGS

PART NUMBER	DESCRIPTION
aCEMENT-PVC	500 ml tin



3825

SOLVENT CEMENT
FOR ABS FITTINGS

PART NUMBER	DESCRIPTION
aCEMENT-ABS	500 ml tin



3820

CLEANING FLUID
FOR uPVC & ABS FITTINGS

PART NUMBER	DESCRIPTION
aCLEANERMEK	500 ml tin

Do you also need?

PARKAIR®



uPVC & ABS
ball valves

Find it on page 431, section seven

uPVC TUBING



uPVC TUBING
CLASS C, 9 BAR

3815

PART NUMBER	TUBE NB	LENGTH
aP2C-3	2"	3 m
aP3C-3	3"	3 m
aP4C-3	4"	3 m
aP5C-3	5"	3 m
aP6C-3	6"	3 m
aP8C-3	8"	3 m
aP2C-6	2"	6 m
aP3C-6	3"	6 m
aP4C-6	4"	6 m
aP5C-6	5"	6 m
aP6C-6	6"	6 m
aP8C-6	8"	6 m



uPVC TUBING
CLASS E, 15 BAR

3815

PART NUMBER	TUBE NB	LENGTH
aP1/2E-3	1/2"	3 m
aP3/4E-3	3/4"	3 m
aP1E-3	1"	3 m
aP11/4E-3	1 1/4"	3 m
aP11/2E-3	1 1/2"	3 m
aP2E-3	2"	3 m
aP3E-3	3"	3 m
aP4E-3	4"	3 m
aP6E-3	6"	3 m
aP1/2E-6	1/2"	6 m
aP3/4E-6	3/4"	6 m
aP1E-6	1"	6 m
aP11/4E-6	1 1/4"	6 m
aP11/2E-6	1 1/2"	6 m
aP2E-6	2"	6 m
aP3E-6	3"	6 m
aP4E-6	4"	6 m
aP6E-6	6"	6 m



uPVC TUBING
CLASS 7, 12 BAR

3815

PART NUMBER	TUBE NB	LENGTH
aP1/27-3	1/2"	3 m
aP3/47-3	3/4"	3 m
aP17-3	1"	3 m
aP11/47-3	1 1/4"	3 m
aP11/27-3	1 1/2"	3 m
aP27-3	2"	3 m
aP1/27-6	1/2"	6 m
aP3/47-6	3/4"	6 m
aP17-6	1"	6 m
aP11/47-6	1 1/4"	6 m
aP11/27-6	1 1/2"	6 m
aP27-6	2"	6 m

Class 7 pipe is a thick walled pipe designed for threading
Pressure rating is 7 bar after threading

uPVC tubing is
WRAS approved



Tube NB,
Nominal bore or
nominal pipe size

ABS TUBING



ABS TUBING
CLASS C, 9 BAR

3815

PART NUMBER	TUBE NB	LENGTH
aA1C-3	1"	2.9 m
aA11/4C-3	1 1/4"	2.9 m
aA11/2C-3	1 1/2"	2.9 m
aA2C-3	2"	2.9 m
aA21/2C-3	2 1/2"	2.9 m
aA3C-3	3"	2.9 m
aA4C-3	4"	2.9 m
aA5C-3	5"	2.9 m
aA6C-3	6"	2.9 m
aA8C-3	8"	2.9 m
aA1C-6	1"	5.8 m
aA11/4C-6	1 1/4"	5.8 m
aA11/2C-6	1 1/2"	5.8 m
aA2C-6	2"	5.8 m
aA21/2C-6	2 1/2"	5.8 m
aA3C-6	3"	5.8 m
aA4C-6	4"	5.8 m
aA5C-6	5"	5.8 m
aA6C-6	6"	5.8 m
aA8C-6	8"	5.8 m



ABS TUBING
CLASS E, 15 BAR

3815

PART NUMBER	TUBE NB	LENGTH
aA1/2E-3	1/2"	2.9 m
aA3/4E-3	3/4"	2.9 m
aA1E-3	1"	2.9 m
aA11/4E-3	1 1/4"	2.9 m
aA11/2E-3	1 1/2"	2.9 m
aA2E-3	2"	2.9 m
aA3E-3	3"	2.9 m
aA4E-3	4"	2.9 m
aA1/2E-6	1/2"	5.8 m
aA3/4E-6	3/4"	5.8 m
aA1E-6	1"	5.8 m
aA11/4E-6	1 1/4"	5.8 m
aA11/2E-6	1 1/2"	5.8 m
aA2E-6	2"	5.8 m
aA3E-6	3"	5.8 m
aA4E-6	4"	5.8 m