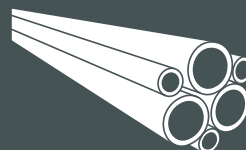


SECTION 5

Ring Main



- **Parker Transair Ring Main Pipe & Fittings**
- **John Guest Ring Main Pipe & Fittings**
- **John Guest Plumbing Push-in Fittings**
- **Atlas Copco Airnet Ring Main Pipe & Fittings**
- **Aircom Ring Main Pipe & Fittings**
- **Comer UPVC Pipe & Fittings**
- **Comer ABS Pipe & Fittings**
- **Comer UPVC Threaded Fittings**
- **Sanha Stainless Steel Press Fit Pipe System**
- **Norma PP Polypropylene Fittings**
- **Polyethylene Pipe & Fittings**

John Guest Flexi Plumbing Pipe	1190
John Guest Pipe Clips	1186
John Guest Plumbing Push-in Fittings	1187
John Guest Ring Main System	1188-1192
John Guest Tube	1185-1187
MDPE Pipe	1185
Norma Polypropylene Ring Main System	1237-1238
PP Polypropylene Ring Main System	1239-1242
Sanha Stainless Steel Press Fit System	1234-1236
Stainless Steel Press Fit System	1234-1236
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Transair Pipe	1184
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UPVC Threaded Fittings	1232-1233

TRANSAIR RING MAIN SYSTEM AIR & VACUUM RANGE



Transair Aluminium Pipe



3 Metres, Single Lengths

1100	Tube OD mm	Tube ID mm
1003A.17.04.00	16.5	13
1003A.25.04.00	25	22
1003A.40.04.00	40	37
1003A.50.04	50	47
1003A.63.04	63	59

6 Metres, Per Pack

1100	Tube OD mm	Tube ID mm	Pack Size
1006A.25.04.00	25	22	6
1006A.40.04.00	40	37	6
1006A.50.04	50	47	5
1006A.63.04	63	59	4



1 Port 45° Threaded Wall Bracket, BSPP

1100	Female Thread
6641.21.21	1/2"



2 Port 45° Threaded Wall Bracket, BSPP

1100	Female Thread
6690.21.21	1/2"

Transair Range



1 Port 45° Tube Wall Bracket, BSPP

1100	Tube OD mm	Female Thread
6639.17.21	16.5	1/2"
6639.25.21	25	1/2"



2 Port 45° Tube Wall Bracket, BSPP

1100	Tube OD mm	Female Thread
6682.17.21	16.5	1/2"
6682.25.21	25	1/2"



3 Port 45° Tube Wall Bracket, BSPP

1100	Tube OD mm	Female Thread
6695.25.21	25	1/2"



2 Port Horizontal Tube Wall Bracket, BSPP

1100	Tube OD mm	Female Thread
6681.17.21	16.5	1/2"
6681.25.21	25	1/2"



1 Port 45° Wall Bracket with Ball Valve

1100	Tube OD mm	Female Thread
6678.17.21	16.5	1/2"
6678.25.21	25	1/2"



2 Port 45° Wall Bracket with Ball Valve

1100	Tube OD mm	Female Thread
6693.17.21	16.5	1/2"
6693.25.21	25	1/2"



3 Port 45° Wall Bracket with Ball Valve

1100	Tube OD mm	Female Thread
6637.25.21	25	1/2"



Mini Bracket

1100	Tube OD mm	Female Thread
6661.25.21	25	1/2"
6661.40.21	40	1/2"
6661.40.27	40	3/4"
6661.50.21	50	1/2"
6661.50.27	50	3/4"
6662.63.21	63	1/2"
6662.63.27	63	3/4"



TRANSAIR RING MAIN SYSTEM AIR & VACUUM RANGE

Transair Range



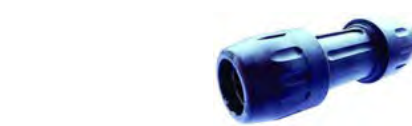
Reducing Bracket

1100	Tube OD A mm	Tube OD B mm
6662.25.17	25	16.5
6662.25.00	25	25
6662.40.17	40	16.5
6662.40.25	40	25
6662.50.25	50	25
6662.63.25	63	25



Pressurised System Outlet with Ball Valve

1100	Tube OD mm	Female Thread
EA98.06.04	50	1/2"



Pipe to Pipe Connector

1100	Tube OD mm
6606.17.00	16.5
6606.25.00	25
6606.40.00	40
6606.50.00	50
6606.63.00	63



Connector with Vent

1100	Tube OD mm
6676.25.00	25
6676.40.00	40
6676.50.00	50
6676.63.00	63



Plug-in Reducer

1100	Description
6666.17.25	25mm Pipe to 16.5mm Pipe
6666.25.40	40mm Pipe to 25mm Pipe



Plug-in Reducer

1100	Description
6666.40.50	50mm Pipe to 40mm Pipe
6666.40.63	63mm Pipe to 40mm Pipe
6666.50.63	63mm Pipe to 50mm Pipe



Quick Assembly Bracket with Ball Valve, BSPP

1100	Tube OD mm	Female Thread
6669.25.21	25	1/2"
6669.40.21	40	1/2"
6669.40.27	40	3/4"
6669.50.21	50	1/2"
6669.50.27	50	3/4"
6669.63.21	63	1/2"
6669.63.27	63	3/4"



Male Stud, BSPT

1100	Tube OD mm	Male Thread
6605.17.13	16.5	1/4"
6605.17.21	16.5	1/2"
6605.25.21	25	1/2"
6605.25.27	25	3/4"
6605.25.34	25	1"
6605.40.34	40	1"
6605.40.42	40	1.1/4"
6605.40.49	40	1.1/2"
6605.50.49	50	1.1/2"
6605.50.48	50	2"
6605.63.48	63	2"



Male Stud BSPT with Fixing Plate

1100	Tube OD mm	Male Thread
6615.50.49	50	1.1/2"
6615.50.48	50	2"



Male Stud Nut BSPT

1100	Tube OD mm	Male Thread
6611.50.49	50	1.1/2"
6611.50.48	50	2"



Quick Assembly Direct Feed Bracket, BSPP

1100	Tube OD mm	Female Thread
RA65.50.04	50	1/2"
RA65.50.08	50	1"

TRANSAIR RING MAIN SYSTEM AIR & VACUUM RANGE



Transair Range



Vented End Cap

1100	Tube OD mm
6625.17.00	16.5
6625.25.00	25
6625.40.00	40
6625.50.00	50
6625.63.00	63



90° Elbow

1100	Tube OD mm
6602.17.00	16.5
6602.25.00	25
6602.40.00	40
6602.50.00	50
6602.63.00	63



Reducing Tee

1100	Tube OD A mm	Tube OD B mm
6604.50.25	50	25
6604.50.40	50	40
6604.63.40	63	40



Elbow 90° Male Stud, BSPT

1100	Tube OD mm	Male Thread
6609.17.13	16.5	1/4"
6609.17.21	16.5	1/2"
6609.25.21	25	1/2"
6609.25.27	25	3/4"
6609.25.34	25	1"
6609.40.34	40	1"
6609.40.42	40	1.1/4"
6609.40.49	40	1.1/2"
6609.40.48	40	2"
6609.50.49	50	1.1/2"
6609.50.48	50	2"
6609.63.48	63	2"
6609.63.47	63	2.1/2"



45° Elbow

1100	Tube OD mm
6612.25.00	25
6612.40.00	40
6612.50.00	50
6612.63.00	63



Lockable Aluminium Valve

1100	Tube OD mm
4092.17.00	16.5
4092.25.00	25
4092.40.00	40
4092.50.00	50
4092.63.00	63



Elbow 45° Male Stud, BSPT

1100	Tube OD mm	Male Thread
6619.25.21	25	1/2"
6619.25.27	25	3/4"
6619.25.34	25	1"
6619.40.34	40	1"
6619.40.42	40	1.1/4"
6619.40.49	40	1.1/2"
6619.40.48	40	2"
6619.50.49	50	1.1/2"
6619.50.48	50	2"



Equal Tee

1100	Tube OD mm
6604.17.00	16.5
6604.25.00	25
6604.40.00	40
6604.50.00	50
6604.63.00	63



Flexible Hose

1100	Tube OD mm	Length Metres
1001E.250001	25	0.57
1001E.250003	25	1.5
1001E.250004	25	2
1001E.400002	40	1.15
1001E.400004	40	2
1001E.400005	40	3



TRANSAIR RING MAIN SYSTEM AIR & VACUUM RANGE



Clips/Clamps/Spacers & Tools



Fixing Clip For Rigid Pipe

1100	Tube OD mm
6697.17.00	16.5
6697.25.00	25
6697.40.00	40
6697.50.00	50
6697.63.00	63



Transair Clips & Spacers

1100	Description
6697.00.03	Spacer Block for Fixing Clip
6697.00.02	Clip Adaptor for Rod M8x1 Male x M10x1.5 Female



Transair Beam Clamps

1100	Description
6699.03.01	Screw Type Beam Clamp 16.5mm 40mm
ER99.06.02	Screw Type Beam Clamp 63mm 100mm for M8 Screw
ER99.06.03	Screw Type Beam Clamp 63mm 100mm for M10 Screw



Transair Tube Cutter

1100	Description
6698.03.01	Tube Cutter for 16.5 to 63mm Pipe



Transair Tools

1100	Description
6698.04.02	Deburring Tool for Rigid Aluminium Pipe 16.5mm 100mm
6698.04.01	Chamfer Tool for Rigid Aluminium Pipe 16.5mm 40mm
6698.04.03	Marking Tool for Rigid Aluminium Pipe 16.5mm 40mm
6698.05.03	Tightening Spanners for 63mm Nuts



Transair Drilling Jig

1100	Description
6698.01.03	Drilling Jig 25 to 63mm



Transair Drilling Tool

1100	Description
6698.02.02	Drilling Tool for 25mm Pipe
6698.02.01	Drilling Tool for 40 & 63mm Pipe



Tool Case

1100	Description
6698.00.05	Complete Kit 16.5 to 63mm

FAST-TRACK RING MAIN SYSTEM



5



Ring Main



INDUSTRIAL

1185

Fast-Track Tubing

John Guest Part No. Cross Reference

400-3012	PA-RM1209-3M-20B
400-3015	PA-RM1512-3M-20B
400-3018	PA-RM1814-3M-20B
400-3022	PA-RM2218-3M-20B
400-3028	PA-RM2823-3M-10B

Working Temperature:	Maximum Working Pressure:
-20°C to +70°C	+23°C: 10 bar
	+70°C: 7 bar



Nylon 12, 3 Metre Lengths

1400	OD mm	ID mm
400-3012	12	9
400-3015	15	12
400-3018	18	14
400-3022	22	18
400-3028	28	23
Tech Sheet 20629		

N.B. Delivery may take up to 48 hours.

Working Temperature:	Maximum Working Pressure:
-20°C to +70°C	+23°C: 10 bar
	+70°C: 7 bar



Blue Coated Aluminium, 3 Metre Lengths

1400	OD mm	ID mm
AL-RM1210-3M-20B	12	10
AL-RM1513-3M-20B	15	13
AL-RM1816-3M-20B	18	16
AL-RM2220-3M-20B	22	20
AL-RM2826-3M-10B	28	26
Tech Sheet 20629		

N.B. Delivery may take up to 48 hours.

Fast-Track Tube Clips



360° Pipe Retention, Tested to over 100lbs

1400	OD mm
405-1015	15
405-1022	22
405-1028	28
410-1522	Stand-off Spacer
Tech Sheet 20629	

U-Bend



1400	OD mm
PMUB15E	15
Tech Sheet 20629	

Straight Adaptor

* No thread seal.



BSPP Male

1400	OD mm	Thread
PM011213E	12	3/8"
PM011214E	12	1/2"
PM011514E	15	1/2"
PM011516E	15	3/4"
PM011814E	18	1/2"
PM012216E	22	3/4"
Tech Sheet 20629		

Stem Adaptor



BSPP Male

1400	OD mm	Thread
PM051213E	12	3/8"
PM051214E	12	1/2"
PM051513E	15	3/8"
PM051514E	15	1/2"
PM051814E	18	1/2"
PM052214E	22	1/2"
PM052216E	22	3/4"
Tech Sheet 20629		

Equal Elbow



1400	OD mm
PM0312E	12
PM0315E	15
PM0318E	18
PM0322E	22
PM0328E	28
Tech Sheet 20629	

Stem Elbow



1400	OD mm	Stem OD mm
PM221212E	12	12
PM221515E	15	15
PM221818E	18	18
PM222222E	22	22
Tech Sheet 20629		

Equal Tee



1400	OD mm
PM0212E	12
PM0215E	15
PM0218E	18
PM0222E	22
KM0228E	28
Tech Sheet 20629	

Reducing Tee



1400	Ends OD mm	Branch OD mm
PM03018AE	18	15
PM3022AE	22	15
Tech Sheet 20629		

FAST-TRACK RING MAIN SYSTEM



Straight Connector



1400	OD mm
PM0412E	12
PM0415E	15
PM0418E	18
PM0422E	22
PM0428E	28
Tech Sheet 20629	

Reducer



1400	Stem OD mm	OD mm
PM061512E	15	12
PM061815E	18	15
PM062215E	22	15
PM062218E	22	18
PM062815E	28	15
KM062822E	28	22
Tech Sheet 20629		

Flexi-joint

When long runs of nylon tube are used, it is recommended a flexi-joint is installed. With temperature change, the tube can expand and contract along the length. This will lead to an unsightly distortion to the run of tube.



1400	OD mm	Max Pressure PSI
FLEX-15	15	145
FLEX-22	22	145
Tech Sheet 20629		

Plug



Black

1400	OD mm
PM0812R	12
PM0815E	15
PM0818E	18
PM0822E	22
PM0828E	28
Tech Sheet 20629	

Release Aid



1400	OD mm
15RA	15
22RA	22
Tech Sheet 20629	

Brass Straight Adaptors



BSPT Male

1400	OD mm	Thread
MM011504N	15	1/2"
MM012206N	22	3/4"
MM012808N	28	1"
Tech Sheet 20629		

Brass Wingback Elbow



BSPP Female

1400	OD mm	Thread
PM15WB	15	1/2"
PM22WB	22	3/4"
Tech Sheet 20629		

Brass Stem Adaptors



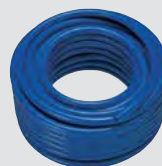
Male Thread

1400	OD mm	Thread
MM051504N	15	1/2" BSPT
MM052206N	22	3/4" BSPT
MM052818N	28	1" BSPT
MM052228N	22	1" NPT
MM052828N	28	1" NPT
Tech Sheet 20629		



BSPP Female

1400	OD mm	Thread
MM501514N	15	1/2"
MM502216N	22	3/4"
Tech Sheet 20629		



You might also need
Polyurethane & Nylon Tube
 see **Pneumatics Section 12**

FAST-TRACK RING MAIN SYSTEM



5



Ring Main

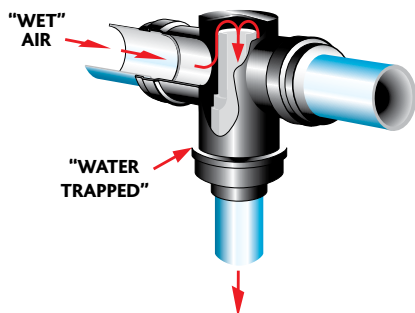


INDUSTRIAL

1187

Water Trap Tee

The Fast-Track Water Trap Tee solves the on-going problem of moisture in a Ring Main system and provides the easy alternative to the need to install "Swan Necks". The ingenious inside arrangement of the fitting allows air to flow, with minimum head loss, from the main to take-off point without allowing water to follow. The moisture is retained in the line to be drawn off at some suitable location.



Water Trap Tee Installation:

It is of vital importance for the correct function of the Water Trap Tee that the air ring main within which the Tee is installed is near horizontal and that the outlet port faces vertically downwards. Markings to indicate correct orientation have been moulded onto the body to assist installation.



1400	OD mm
PMTT22E	22
Tech Sheet 20629	

Water Trap Tee Converter



Converts a 28mm Tee to a Water Trap Tee

1400	Size mm
WTC28	28
Tech Sheet 20629	

Collet Covers

Collet Covers prevent accidental removal or tampering with piping. The pipe can be inserted with the Collet Cover already attached to the fitting or the cover can slide into position afterwards.

We recommend covers be fitted when pipework is hidden inside walls, ceilings etc.

Collet Covers can be removed to allow the pipe to be disconnected as and when required.



Black

1400	OD mm
PM1915E	15
PM1918E	18
PM1922E	22
Tech Sheet 20629	

Pipe Clips & Spacers



Black

1400	Description	OD mm
PC15E	Clip	15
PC22E	Clip	22
PC28E	Clip	28
PCSE	Spacer	-
Tech Sheet 20629		

Pipe Cutters

Please Note: No spare blades available for this cutter. The blade can be resharpened.



1400	Max Reach mm
JG-TSP	22
Tech Sheet 20629	

Aluminium Pipe Cutter



1400	OD mm
ALU-CUTTER15	15
ALU-CUTTER22	22
ALU-CUTTER28	28
Tech Sheet 20629	

Deburring Tool



1400	
DEBURR	
Tech Sheet 20629	

End Stop



1400	OD mm
PM4612E	12
PM4615E	15
PM4622E	22
Tech Sheet 20629	

Porting Block



1/2" BSPP Female

1400	Outlets
JG-L-WSK	5 x 1/2" BSPP
Tech Sheet 20629	

Aluminium Wall Box



BSPP

1400	Inlet Size	Outlet Size	No. of Outlets
JGWALLBOX 1/2	1/2"	1/2"	3
JGWALLBOX 3/4	3/4"	1/2"	3
Tech Sheet 20629			



PLASTIC PLUMBING PUSH-IN FITTINGS

Couplings



Straight

1400	OD mm
PEM0410W	10
PKM0415W	15
PKM0422W	22
PEM0428W	28

Tech Sheet 20630



Reducing

1400	OD mm	OD mm
PKM201510W	15	10
PKM202215W	22	15

Tech Sheet 20630



Brass BSPP Male

1400	OD mm	Thread
15MC	15	1/2"
22MC	22	3/4"

Tech Sheet 20630



BSPP Female to Tap Connector

1400	OD mm	Thread
PEM3210W	10	1/2"
PEM3201W	15	1/2"
PEM3203W	15	3/4"
PEM3202W	22	3/4"

Tech Sheet 20630

Pipe Inserts

To be used on installation when using plastic pipe.



1400	To Suit ID mm
TSM10N	10
TSM15N	15
TSM22N	22
TSM28N	28

Tech Sheet 20630

Elbows



Equal

1400	OD mm
PEM0310W	10
PKM0315W	15
PKM0322W	22
PEM03228W	28

Tech Sheet 20630

- Provides a swivel type connection.



Stem

1400	OD mm	Stem OD mm
PEM221010W	10	10
PKM221515W	15	15
PKM222222W	22	22

Tech Sheet 20630



Brass Wing Back, BSPP Female

1400	OD mm	Thread
15WB	15	1/2"
22WB	22	3/4"

Tech Sheet 20630

End Stops



1400	OD mm
PSE4610W	10
PKM4615W	15
PKM4622W	22

Tech Sheet 20630

Tees



Equal

1400	OD mm
PEM0210W	10
PKM0215W	15
PKM0222W	22
PEM0228W	28

Tech Sheet 20630



Increasing on Branch

1400	OD A mm	OD B mm
PKM3022CW	15	22



Reducing on Branch

1400	OD A mm	OD B mm
PEM3015BW	15	10
PEM3015AW	15	10
PEM302210AW	22	10
PKM3022AW	22	15
PEM3028AW	28	22



Increasing on Run

1400	OD A mm	OD B mm
PEM3022BW	22	15

Tech Sheet 20630



Reducing on Run

1400	OD A mm	OD B mm
PKM3022DW	22	15
PEM3028DW	28	22

PLASTIC PLUMBING PUSH-IN FITTINGS



Reducers



1400	OD mm	Stem OD mm
PEM061510W	10	15
PEM062215W	15	22
PEM062815W	15	28
PEM062822W	22	28

Tech Sheet 20630

Connectors



Tap, BSPP Female

1400	OD mm	Thread
PKMSTC1514	15	1/2" Straight
PKMSTC1516	15	3/4" Straight
PKMSTC2216	22	3/4" Straight

Tech Sheet 20630

Maximum wall thickness of tank = 4mm.

Note: Requires hand tightening only



Tank

1400	OD mm
CM0715S	15
CM0722S	22
CM0728S	28

Tech Sheet 20630

Brass Drain Cock

Speedfit Drain Cocks cannot be used where collet covers are fitted. They can be used with a standard fitting fitted with a collet clip.



1400	OD mm
15BDC	15

Tech Sheet 20630

Service Valves

N.B: Hot and cold water only 65°C max.
Not suitable for central heating systems.



Plastic

1400	OD mm
15ISV	15

Tech Sheet 20630



Brass Chrome Plated

1400	OD mm
10HSV	10
15HSV	15
22HSV	22

Tech Sheet 20630



Brass Chrome Plated with Tap Connector BSPP Female

1400	OD mm	Thread
15PTSV	15	1/2"
22PTSV	22	3/4"

Tech Sheet 20630

Brass Chrome Plated Ball Valves

Suitable for central heating systems, each valve has a red and blue indice.



1400	OD mm
10BV	10
15BV	15
22BV	22

Tech Sheet 20630

Valves

N.B. Hot and cold water only 65°C max.



Stop

1400	OD mm
15STV	15
22STV	22

Tech Sheet 20630



Brass Stop

1400	OD mm
15BSC	15

Tech Sheet 20630

N.B. Hot and cold water only 65°C max.
Not Suitable for central heating systems.



Double Check

1400	OD mm
15DCV	15

Tech Sheet 20630

Taps



Emergency Shut Off

1400	OD mm
15ESOT	15

Tech Sheet 20630

N.B. Hot and cold water only 65°C max.



Washing Machine, BSPP

1400	OD mm	Thread
15APT-B	15	3/4"

Tech Sheet 20630



Barrier Pipes

British Gas accepted for water pipe in vented and sealed central heating systems. The pipe has an inner barrier to stop the ingress of atmosphere.



Pex Coils

1400	OD mm	Length Metres
10BPEX-25C	10	25
10BPEX-50C	10	50
15BPEX-25C	15	25
15BPEX-50C	15	50
15BPEX-100C	15	100
22BPEX-25C	22	25
22BPEX-50C	22	50
Tech Sheet 20363		

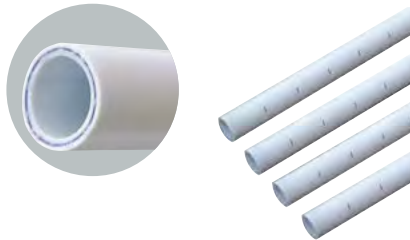
This pipe is made from a soft material with little memory ensuring a flexible system. It has an inner barrier to stop the ingress of atmosphere. British Gas accepted for water pipe in vented and sealed central heating systems.

- Easy to handle
- Ultra flexible



Layflat Polybutylene

1400	OD mm	Length Metres
15BPB-25C	15	25
15BPB-50C	15	50
15BPB-100C	15	100
22BPB-25C	22	25
22BPB-50C	22	50
Tech Sheet 20363		



Straight Lengths

1400	OD mm	Length Metres	Quantity
15BPEX-20X2L	15	2	20
15BPEX-20X3L	15	3	20
22BPEX-20X2L	22	2	20
22BPEX-20X3L	22	3	20
28BPEX-10X3L	28	3	10
Tech Sheet 20363			

Flexi Hoses



Push-in to BSPP Female

1400	OD mm	Thread	Length mm
FLX15	15	1/2"	300
FLX18	15	1/2"	500
FLX16	15	3/4"	300
FLX20	15	3/4"	500
FLX22	22	3/4"	300
FLX19	22	3/4"	500
FLX23	22	3/4"	500 Full Bore
Tech Sheet 20630			



Push-in to Push-in

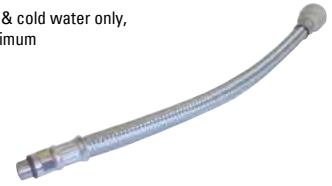
1400	OD mm	OD mm	Length mm
FLX33	15	10	300
FLX17	15	15	300
FLX21	15	15	500
FLX26	22	22	300
FLX27	22	22	500
Tech Sheet 20630			



Push-in to BSPP Female with Service Valve

1400	OD mm	Thread	Length mm
FLX37	15	1/2"	300 Full Bore
FLX24	15	1/2"	300
FLX31	15	1/2"	500
FLX38	15	3/4"	500
FLX25	22	3/4"	300 Full Bore
Tech Sheet 20630			

N.B. Hot & cold water only,
65°C maximum



For Monobloc Mixers

1400	OD mm	Thread	Length mm
FLX29	15	M12	300
Tech Sheet 20630			

N.B. Hot & cold water only,
65°C maximum



Elbow

1400	OD mm	Thread	Length mm
FLX36	15	1/2"	300
Tech Sheet 20630			

Adaptors



Brass Male Cylinder, BSPP

1400	OD mm	Thread
22CMA	22	1"
Tech Sheet 20630		

Brass Male Coupler

1400	OD mm	Thread
10CMC(1/2)	10	1/2" BSPP
22CMA	15	1/2" BSPP
22CMA	15	1/2" BSPT
22CMA	22	3/4" BSPP
22CMA	22	3/4" BSPT
22CMA	28	1" BSPP
22CMA	28	1" BSPT
Tech Sheet 20630		



Brass Female Cylinder, BSPP

1400	OD mm	Thread
22CFA	22	1"
Tech Sheet 20630		



John Guest Plumbing Range



Radiator Key

1400	Description
RK1C	Brass Key



Male Coupler - Brass

1400	Size mm	Thread
10MC	10	1/2" BSPP
15MC	15	1/2" BSPP
MW011504N	15	1/2" BSPT
22MC	22	3/4" BSPP
MW012206N	22	3/4" BSPT
MW012818N	28	1" BSPP
MW012808N	28	1" BSPT



Hose Connector

1400	Size mm	Hose ID
NC448	15	1/2"
NC473	22	3/4"



Conversion Connector

1400	Size mm	OD
NC471	15	5/8"



Slip Connector

1400	Size mm
CM-SC-15S	15



PE Copper Coupler

1400	Size mm
JG603B	25 x 15



45° Stem Elbow

1400	Pipe mm	Stem mm
PEM571515W	15	15
PEM572222W	22	22



Bend Tap Connector, Female Thread, BSPP

1400	Size mm	Thread
PEMBTC1514	15	1/2"



Stem Tee

1400	Size mm
PEM532210W	22 x 22 x 10
PEM532215W	22 x 22 x 15



4 Port Rail Manifold

1400	Size mm
SFM522210S	22 x 10
SFM522215S	22 x 15



4 Way Manifold

1400	Size mm
SFM512210S	22 x 10



Plug

1400	Size mm
JPPB10	10



Male Stem Adaptor, Brass, BSPT

1400	Size mm	Thread
MW052206N	22	3/4"
MW052818N	28	1"



Female Stem Adaptor, Brass, BSPP

1400	Size mm	Thread
MW502216N	22	3/4"



Pipe Adaptor, Brass

1400	Thread	Size mm
NC2238	1/2"	15
NC2239	3/4"	22



John Guest Plumbing Range



Collet Locking Clip

1400	Size mm	Colour
CM1815B	15	Blue
CM1815R	15	Red



Release Aid

1400	Size mm
10RA	10



Collet Cover

1400	Colour	Size mm
AM1915W	White	15
PM1915B	Blue	15



Collets

1400	Size mm
PXC10	10



EPDM O-Ring

1400	Size mm
10EPR	10



Thread Washer

1400	Size
1/2EPW	1/2"



Shut Off Valve, Imperial & Metric

1400	Tube OD 1	Tube OD 2
PPMSV040606W	6mm	6mm
PPMSV041010W	10mm	10mm
PPSV040808W	1/4"	1/4"
PPSV041212W	3/8"	3/8"



Shut Off Valve - Long Handle

1400	Tube OD
PISV0412S	3/8"
PISV0416S	1/2"



Shut Off Valve, Male Thread, NPT

1400	Tube OD	Thread
PPSV010822W	1/4"	1/4"
PPSV011223W	3/8"	3/8"



Shut Off Valve, Female Thread, NPT

1400	Tube OD	Thread
PPSV500822W	1/4"	1/4"



Mounting Clip

1400	Size
SVMC-10	3/8" Shut Off Valve Clip



Service Valve, Brass

1400	Size mm
15HSV-BRASS	15



Single Check Valve

1400	Tube OD mm
6SCV	6
10SCV	10
5/16SCV	5/16"



Conduit Pipe

1400	Size mm	Length Metres
22BLKCON-25C	22	25



Bending Spring

1400	Size mm
JG-BS15	15



Superseal Pipe Insert

1400	Size mm
STS15	15
STS22	22
STS28	28



Pipe Clips & Spacers

1400	Size mm	Colour
PC15W	15	White
PC22W	22	White
PC28W	28	White
PCSW	Spacer	White



Nail Clip

1400	Size mm	Colour
NPC15	15	White



AIRNET PIPEWORK SYSTEM

Airnet Aluminium Air Pipe



Blue Compressed Air Pipe, 2.85m Lengths

1450	Size mm	Length Metres	Quantity
2811-1063-10	20	2.85	1
2811-2063-10	25	2.85	1
2811-4063-05	40	2.85	1
2811-6063-03	63	2.85	1
2811-7063-02	80	2.85	2

Blue Compressed Air Pipe, 5.70m Lengths

1450	Size mm	Length Metres	Quantity
2811-4000-05	40	5.70	5



Blue S Bends

1450	Size mm
2811-1067-05	20 x 440
2811-2067-05	25 x 460

Airnet Connectors



Equal Straight Connector

1450	Size mm
2811-1002-80	20
2811-2002-80	25
2811-4002-80	40
2811-5002-80	50



Reducing Straight Connector

1450	Size mm
2811-2121-80	25 to 20
2811-4221-80	40 to 25



Male Stud Connector

1450	Size
2811-1017-80	20mm x R1/2"
2811-2117-80	25mm x R3/4"
2811-2217-80	25mm x R1"
2811-4417-80	40mm x R1.1/2"
2811-5417-80	50mm x R1.1/2"
2811-5517-80	50mm x R2"
2811-6517-80	63mm x R2"
2811-6617-80	63mm x R2.1/2"
2811-7717-80	80mm x R3"



Wall Mounting Connector ISO228

1450	Inlet mm	Outlet BSPP
2811-1023-80	20	1/2" x 3
2811-2023-80	25	1/2" x 3



Wall Mounting Connector Threaded

1450	Inlet	Outlet
2811-0025-80	1/2"	1/2" x 1
2811-1025-80	3/4"	1/2" x 1



End Cap

1450	Size mm
2811-1006-80	20
2811-2006-80	25
2811-4006-80	40
2811-5006-80	50



Airnet Elbows & Tees



Equal 90 Elbow

1450	Size mm
2811-1003-80	20
2811-2003-80	25
2811-4003-80	40
2811-5003-80	50
2811-6003-80	63



Equal 45 Elbow

1450	Size mm
2811-1004-80	20
2811-2004-80	25
2811-4004-80	40
2811-5004-80	50



Equal Tee

1450	Size mm
2811-1005-80	20
2811-2005-80	25
2811-4005-80	40
2811-5005-80	50
2811-6005-80	63



Reducing Tee

1450	Size A mm	Size B mm
2811-4107-80	40	20
2811-4207-80	40	25



Reducing Tee, Threaded Branch

1450	Inlet/Outlet mm	Reduced Branch
2811-1008-80	20	G1/2"
2811-2008-80	25	G1/2"
2811-2108-80	25	G3/4"
2811-4208-80	40	G1"
2811-5208-80	50	G1"

Airnet Quickdrops & Ball Valves



Quickdrop

1450	Inlet mm	Outlet mm
2811-2110-80	25	20
2811-4110-80	40	20



Quickdrop, Threaded Outlet

1450	Inlet mm	Outlet
2811-2011-80	25	G1/2"
2811-4011-80	40	G1/2"
2811-5011-80	50	G1/2"



Ball Valve

1450	Size mm
2811-1051-81	20
2811-2051-81	25
2811-4051-81	40



Ball Valve Airnet to ISO228 Female

1450	Size
2811-1152-81	20mm x G3/4"
2811-2252-81	25mm x G1"
2811-4452-81	40mm x G1.1/2"



Airnet Piping Accessories

Pipe Clips



1450	Size mm	Connection
2811-1022-20	20	M6
2811-2022-20	25	M6
2811-4022-20	40	M6
2811-7022-20	80	M8

Polymer Pipe Clip Spacer



1450	Height mm
2811-0027-10	15

Steel Pipe Clip Spacer



1450	Height mm
2810-0227-10	25

Pipe Clip Adaptor Bolt



1450	Size
2811-0072-00	M6 - M8

Flange Valve Support



1450	Size mm
2811-1264-10	20 - 25

Canalis KN Hanger



1450
2810-0250-05

Beam Clamp I Profile



1450	Size	Range mm
2810-1135-10	M6	3 - 8
2810-1235-10	M6	8 - 14

Screw Beam Clamp



1450	Size	Range mm
2810-0036-10	M8	1.5 - 11

Hang Clamp H Profile



1450	Size	Range mm
2810-0038-10	M8	1.5 - 4

U Bolt Beam Clamp



1450	Size
2810-0037-10	M6

Roof Clamp



1450	Size	Range mm
2810-0039-10	M8	0.8 - 3

T Bolts M8



1450	Length mm
2810-0033-10	30

Sliding Nut



1450	Size
2810-1033-10	M6

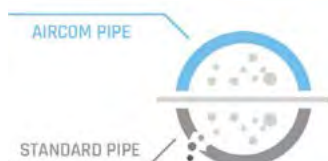
Sealing Gel



1450	Volume Litres
2810-0148-00	1



WHY CHOOSE AIRCOM



EXPANDABILITY ACCORDING TO REQUIREMENTS

The system grows with the plant.

ELIMINATE WASTED AIR AND LEAKS

Our components in aluminium, technopolymer and HIP guarantee superior, above-average performance.

EASY, RAPID INSTALLATION

Reduction in labor costs and ease of intervention.

MODULAR DESIGN

Flexibility of use and greater adaptability to the specific usage requirements.

OPTIMUM, CONSTANT PERFORMANCE

Constant energy savings over time.

OUR SERVICES

AIRCOM services support our Partners throughout the plant's entire life cycle: from the initial consultancy to support during design.



TECHNICAL TRAINING

We offer advanced training and periodic update courses for our Partners' technical personnel (designers, installers, dealers).



RATIONALISING ENERGY CONSUMPTION

Thanks to the wide choice of components and the flexibility of the systems, as well as to computer simulations, our piping systems help reduce energy costs to the lowest levels possible, in a consistent manner over time: the system pays for itself.



SUPPORT FOR DESIGNERS

We support our Partners at every step, from the more basic plants to the highly complex systems, assisting in totally new designs as well as in revamping and additions to existing structures.



ADVANCED SOFTWARE

We have developed proprietary software to provide support in plant sizing and on site design. Thanks to this software, our Partners can offer the end user a complete, efficient and personalized service.

RING MAIN SYSTEM



Coated Aluminium Pipe



Compressed Air, 5.8 Metres, Blue

9191	Ø mm
QLTUAL020S	20
QLTUAL025S	25
QLTUAL032S	32
QLTUAL040S	40
QLTUAL050S	50
QLTUAL063S	63
QLTUAL080S	80
QLTUAL110S	110

Tech Sheet 110821

Compressed Air, 4 Metres, Blue

9191	Ø mm
QLTUAL4016S	16
QLTUAL4020S	20
QLTUAL4025S	25
QLTUAL4032S	32
QLTUAL4040S	40
QLTUAL4050S	50
QLTUAL4063S	63

Tech Sheet 110821



Vacuum, 5.8 Metres, Grey

9191	Ø mm
QLTUALGY020S	20
QLTUALGY025S	25
QLTUALGY032S	32
QLTUALGY040S	40
QLTUALGY050S	50
QLTUALGY063S	63
QLTUALGY080S	80

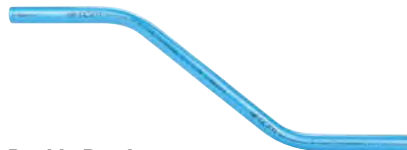
Tech Sheet 110821



Nitrogen, 5.8 Metres, Green

9191	Ø mm
QLTUALG020S	20
QLTUALG025S	25
QLTUALG040S	40
QLTUALG050S	50
QLTUALG063S	63

Tech Sheet 110821



Double Bend

9191	Ø mm
QLSCI016	16
QLSCI020	20
QLSCI025	25

Tech Sheet 110821

Multilayer Bendable Pipe



Compressed Air, 50 Metres

9191	Ø mm
QLTUMLST016	16
QLTUMLST020	20
QLTUMLST025	25

Tech Sheet 110841

Technopolymer Pipe



Compressed Air, 4 Metres

9191	Ø mm
AIRTU020S	20
AIRTU025S	25
AIRTU032S	32
AIRTU040S	40
AIRTU050S	50
AIRTU063S	63

Tech Sheet 110842



You might also need
Pipe & Tube Cutters
see **Industrial Section 12**





LIGHTWEIGHT, BUT POWERFUL

The Quick Line technopolymer product range comes in the following diameters:

16, 20, 25, 32, 40, 50 and 63 mm

A careful study and design of dimensions and materials enable us to achieve a light and functional, all-technopolymer product in a wide range of sizes, allowing you to create your aluminium tubing systems without any problems.



SHORT INSTALLATION TIME

The quick and easy assembly of our piping systems is the result of an innovative technology, with an instant connection of the fitting components to the aluminium pipe.

AIR QUALITY AND MAINTENANCE

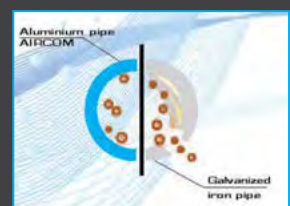
Owing to full technopolymer construction, air quality keeps constant features from compressor outlet up to all end user points. Minimum roughness of internal pipe surfaces allows optimal air flow. The high quality and high resistance features of our fittings will significantly reduce maintenance costs.

MODULARITY AND RESISTANCE

Our modular and lightweight technopolymer systems are an optimal solution to reduce installation time.

Owing to careful study of components and of materials, our fittings feature noticeable resistance to corrosion, mechanical shocks and thermal variations.

Quick Line technopolymer is the most advanced evolution in the field of systems for compressed air and pressurised fluids distribution.



TECHNOPOLYMER SYSTEM FITTINGS

Technopolymer fittings are specifically designed for use with Aluminium Tube up to Ø 63mm.
For specific application guidance please speak to our Technical team.

 **Working Temperature:**
-15°C to +65°C

Straight Couplings



Equal, Tube x Tube

9183	Ø mm
QLMAPA016	16
QLMAPA020	20
QLMAPA025	25
QLMAPA032	32
QLMAPA040	40
QLMAPA050	50
QLMAPA063	63

Tech Sheet 110822



Sliding Coupling Tube x Tube (No Internal Stopper)

9183	Ø mm
QLMASPA032	32
QLMASPA040	40
QLMASPA050	50
QLMASPA063	63

Tech Sheet 110822



Reducer, Tube x Tube

9183	Ø mm	Ø mm
QLRIDPA025020	25	20
QLRIDPA032025	32	25
QLRIDPA040025	40	25
QLRIDPA040032	40	32
QLRIDPA050040	50	40

Tech Sheet 110822

Male Stud, BSPT Thread x Tube

9183	Ø mm	Thread
QLMNPA016048	16	1/2"
QLMNPA020048	20	1/2"
QLMNPA020068	20	3/4"
QLMNPA025048	25	1/2"
QLMNPA025068	25	3/4"
QLMNPA025088	25	1"
QLMNPA032088	32	1"
QLMNPA032108	32	1.1/4"
QLMNPA040088	40	1"
QLMNPA040108	40	1.1/4"
QLMNPA040128	40	1.1/2"
QLMNPA050128	50	1.1/2"
QLMNPA050168	50	2"
QLMNPA063168	63	2"

Tech Sheet 110822

Elbows



90° Equal, Tube x Tube

9183	Ø mm
QLG090PA016	16
QLG090PA020	20
QLG090PA025	25
QLG090PA032	32
QLG090PA040	40
QLG090PA050	50
QLG090PA063	63

Tech Sheet 110822



45° Equal, Tube x Tube

9183	Ø mm
QLG045PA020	20
QLG045PA025	25
QLG045PA032	32
QLG045PA040	40
QLG045PA050	50
QLG045PA063	63

Tech Sheet 110822

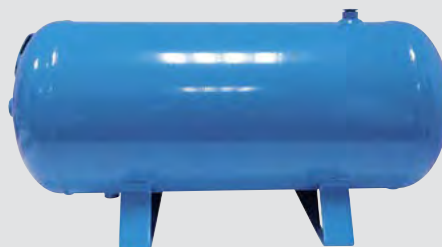


90° Male Stud, BSPT x Tube

9183	Ø mm	Thread
QLG090PM020048	20	1/2"
QLG090PM025048	25	1/2"
QLG090PM025068	25	3/4"

Tech Sheet 110822

For Air Receivers
see Industrial Section 11



Free design services available for reducing energy costs

Technopolymer fittings are specifically designed for use with Aluminium Tube up to Ø 63mm.
For specific application guidance please speak to our Technical team.

Working Temperature:
-15°C to +65°C

Tees



Equal Tube x Tube

9183	Ø mm
QLTEPA016	16
QLTEPA020	20
QLTEPA025	25
QLTEPA032	32
QLTEPA040	40
QLTEPA050	50
QLTEPA063	63

Tech Sheet 110822



Unequal, Reducing on Branch, Tube x Tube

9183	Ø mm	Ø mm
QLTRPA020016	20	16
QLTRPA025016	25	16
QLTRPA025020	25	20
QLTRPA032020	32	20
QLTRPA032025	32	25
QLTRPA040020	40	20
QLTRPA040025	40	25
QLTRPA040032	40	32
QLTRPA050020	50	20
QLTRPA050025	50	25
QLTRPA050032	50	32
QLTRPA050040	50	40
QLTRPA063020	63	20
QLTRPA063025	63	25
QLTRPA063040	63	40
QLTRPA063050	63	50

Tech Sheet 110822



Female Stud BSPP, 3.06 mm, Branch x Tube

9183	Ø mm	Thread
QLTPPA020048	20	1/2"
QLTPPA025048	25	1/2"

Tech Sheet 110822

Quick Branch, Saddle Clamp



Tube x Tube

9183	Ø mm	Ø mm
QLDERPA025016	25	16
QLDERPA025020	25	20
QLDERPA032016	32	16
QLDERPA032020	32	20
QLDERPA040016	40	16
QLDERPA040020	40	20
QLDERPA040025	40	25
QLDERPA050016	50	16
QLDERPA050020	50	20
QLDERPA050025	50	25
QLDERPA063020	63	20
QLDERPA063025	63	25
QLDERPA063032	63	32
QLDERPA080020	80	20
QLDERPA080025	80	25
QLDERPA080032	80	32
QLDERPA110025	110	25
QLDERPA110032	110	32

Tech Sheet 110822



Female BSPP x Tube

9183	Ø mm	Thread
DIRDERFF025048	25	1/2"
DIRDERFF032048	32	1/2"
DIRDERFF040048	40	1/2"
DIRDERFF040068	40	3/4"
DIRDERFF050048	50	1/2"
DIRDERFF050068	50	3/4"
DIRDERFF063048	63	1/2"
DIRDERFF063068	63	3/4"
DIRDERFF063088	63	1"
DIRDERFF080048	80	1/2"
DIRDERFF080068	80	3/4"
DIRDERFF080088	80	1"
DIRDERFF110068	110	3/4"
DIRDERFF110088	110	1"

Tech Sheet 110822

End Caps



Tube

9183	Ø mm
QLCAPA016	16
QLCAPA020	20
QLCAPA025	25
QLCAPA032	32
QLCAPA040	40
QLCAPA050	50
QLCAPA063	63

Tech Sheet 110822

Assembly Tools



QL Nut Wrench

9183	Ø mm	Ø mm
QLCLE16020	16	20
QLCLE25032	25	32
QLCLE40050	40	50
QLCLE63	63	63

Tech Sheet 110822



Pipe Fitting Insertion Meter

9183	Ø mm	Ø mm
QLMIS016080	16	80

Tech Sheet 110822

VALVES



Ball Valve Stainless Steel



Tube x Tube

9183	Ø mm
QLVAINOX025	25
QLVAINOX032	32
QLVAINOX040	40
QLVAINOX050	50
QLVAINOX063	63
QLVAINOX080	80

Tech Sheet 110823



Female BSPP x Tube

9183	Ø mm	Thread
QLVAINOXMF025088	25	1"
QLVAINOXMF032128	32	1.1/2"
QLVAINOXMF040128	40	1.1/2"
QLVAINOXMF050168	50	2"
QLVAINOXMF063168	63	2"
QLVAINOXMF080248	80	2"

Tech Sheet 110823

Ball Valve Nickel Plated Brass



Female BSPP x Tube

9183	Ø mm	Thread
QLVAF016048	16	1/2"
QLVAF020048AL	20	1/2"
QLVAF025068AL	25	3/4"

Tech Sheet 110823



Male BSPT x Tube

9183	Ø mm	Thread
QLVAM016048	16	1/2"
QLVAM020048AL	20	1/2"
QLVAM025068AL	25	3/4"

Tech Sheet 110823

Butterfly Valve Stainless Steel



Tube x Tube

9183	Ø mm
QLVALFAR110	110

Tech Sheet 110823



For Ball Valves
see Process Section 1





LIGHTWEIGHT, BUT POWERFUL

The Quick Line aluminium product range comes in the following diameters:

20, 25, 32, 40, 50, 63, 80, and 110 mm

A careful study and design of dimensions and materials enable us to achieve a lightweight but powerful, all-aluminium product in a wide range of sizes. With the Ø 110 mm size you will have a powerful flow rate potential, allowing you to create compressor rooms without any problems.



SHORT INSTALLATION TIME

The quick and easy assembly of our piping systems is the result of an innovative technology, with an instant connection of the fitting components to the aluminium pipe.

AIR QUALITY AND MAINTENANCE

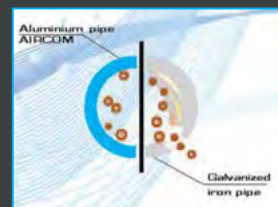
Owing to full aluminium construction, air quality keeps constant features from compressor outlet up to all end user points. Minimum roughness of internal pipe surfaces allows optimal air flow. The high quality and high resistance features of our fittings will significantly reduce maintenance costs.

MODULARITY AND RESISTANCE

Our modular and lightweight aluminium systems are an optimal solution to reduce installation time.

Owing to careful study of components and of materials, our fittings feature noticeable resistance to corrosion, mechanical shocks and thermal variations.

Quick Line aluminium is the most advanced evolution in the field of systems for compressed air and pressurised fluids distribution.



FITTINGS, ALUMINIUM SYSTEM

Swap your Aluminium fittings for Technopolymer fittings for sizes up to Ø 63mm to reduce installation costs. For specific application guidance please speak to our Technical team.

🌡️ **Working Temperature:**
-30°C to +80°C

Straight Couplings



Equal, Tube x Tube

9183	Ø mm
QLMAAL020	20
QLMAAL025	25
QLMAAL032	32
QLMAAL040	40
QLMAAL050	50
QLMAAL063	63
QLMAAL080	80
QLMAAL110	110

Tech Sheet 110824



Sliding Coupling, Tube x Tube (No Internal Stopper)

9183	Ø mm
QLMASAL032	32
QLMASAL040	40
QLMASAL050	50
QLMASAL063	63
QLMASAL080	80

Tech Sheet 110824



Female Stud, BSPP Thread x Tube

9183	Ø mm	Thread
QLMPMAL020048	20	1/2"
QLMPMAL020068	20	3/4"
QLMPMAL025068	25	3/4"
QLMPMAL025088	25	1"
QLMPMAL032108	32	1.1/4"
QLMPMAL040128	40	1.1/2"
QLMPMAL050168	50	2"
QLMPMAL063208	63	2.1/2"

Tech Sheet 110824



Male Stud, BSPT Thread x Tube

9183	Ø mm	Thread
QLMNMAL020048	20	1/2"
QLMNMAL020068	20	3/4"
QLMNMAL025068	25	3/4"
QLMNMAL025088	25	1"
QLMNMAL032108	32	1.1/4"
QLMNMAL040128	40	1.1/2"
QLMNMAL050168	50	2"
QLMNMAL063168	63	2"
QLMNMAL063208	63	2.1/2"
QLMNMAL080208	80	2.1/2"
QLMNMAL080248	80	3"

Tech Sheet 110824

Elbows



90° Equal, Tube x Tube

9183	Ø mm
QLG090AL020	20
QLG090AL025	25
QLG090AL032	32
QLG090AL040	40
QLG090AL050	50
QLG090AL063	63
QLG090AL080	80
QLG090AL110	110

Tech Sheet 110824



45° Equal, Tube x Tube

9183	Ø mm
QLG045AL020	20
QLG045AL025	25
QLG045AL032	32
QLG045AL040	40

Tech Sheet 110824



45° Female Stud, BSPP x Tube

9183	Ø mm	Thread
QLG045FAL020048	20	1/2"
QLG045FAL025048	25	1/2"
QLG045FAL025068	25	3/4"

Tech Sheet 110824



90° Male Stud, BSPT x Tube

9183	Ø mm	Thread
QLG090MAL020048	20	1/2"
QLG090MAL025048	25	1/2"
QLG090MAL025068	25	3/4"

Tech Sheet 110824

Free design services available for reducing energy costs

Tees



Equal, Tube x Tube

9183	Ø mm
QLTEAL020	20
QLTEAL025	25
QLTEAL032	32
QLTEAL040	40
QLTEAL050	50
QLTEAL063	63
QLTEAL080	80
QLTEAL110	110

Tech Sheet 110824

Unequal, Reducing on Branch,
Tube x Tube

9183	Ø mm	Ø mm
QLTRAL025020	25	20
QLTRAL032020	32	20
QLTRAL040020	40	20
QLTRAL040025	40	25

Tech Sheet 110824



Female Stud BSPP, Branch x Tube

9183	Ø mm	Thread
QLTPAL020048	20	1/2"
QLTPAL025068	25	3/4"
QLTPAL032088	32	1"
QLTPAL040108	40	1.1/4"
QLTPAL050128	50	1.1/2"
QLTPAL063168	63	2"
QLTPAL080208	80	2.1/2"
QLTPAL110248	110	3"

Tech Sheet 110824

End Caps



Equal, Tube x Tube

9183	Ø mm
QLCAAL020	20
QLCAAL025	25
QLCAAL032	32
QLCAAL040	40
QLCAAL050	50
QLCAAL063	63
QLCAAL080	80

Tech Sheet 110824

Blind Flange



Tube

9183	Ø mm
DIRFC110DIN	110

Tech Sheet 110824

Quick Branch (Saddle Clamp)



Tube x Tube

9183	Ø mm	Ø mm
QLDERAL025020	25	20
QLDERAL032020	32	20
QLDERAL040020	40	20
QLDERAL040025	40	25
QLDERAL050020	50	20
QLDERAL050025	50	25
QLDERAL063020	63	20
QLDERAL063025	63	25
QLDERAL063032	63	32
QLDERAL080020	80	20
QLDERAL080025	80	25
QLDERAL080032	80	32
QLDERAL110020	110	20
QLDERAL110025	110	25
QLDERAL110032	110	32

Tech Sheet 110824

Flanged Couplings



Flange x Tube

9183	Ø mm	DIN Flange
QLMFLAL063168DIN	63	2"
QLMFLAL080248DIN	80	3"
QLMFLAL110328DIN	110	4"

Tech Sheet 110824



Flange x Stem

9183	Ø mm	DIN Flange
QLTFLAL80248DIN	80	3"
QLTFLAL110328DIN	110	4"

Tech Sheet 110824

Assembly Tools



QL Nut Wrench for Aluminium

9183	Ø mm	Ø mm
QLCLEAL020025	20	25
QLCLEAL032040	32	40
QLCLEAL050	50	50
QLCLEAL063	63	63
QLCLEAL080	80	80

Tech Sheet 110824



Pipe Fitting Insertion Meter

9183	Ø mm	Ø mm
QLMISAL020110	20	110

Tech Sheet 110824

6" (168.3MM) TUBING & FITTINGS SYSTEM

A full range of ready-to-use, pre-grooved 168.3 mm - 6" aluminium products.

In large industrial sites, main compressed air distribution networks need a flow rate of 3,000m³ per hour.

Compatibility and Specifications Deliverable Fluids:

- Compressed air
- Inert gases
- Vacuum
- Other (please contact sales office for more information)



Vacuum Level:

99% (about 10 mbar) approximately



Working Temperature:

-30°C to +80°C



Maximum Working Pressure:

12 bar

Coated Aluminium Pipe with Grooved Ends



Compressed Air, 5.8 Metres, Blue

9260	Ø mm
QLTUAL168S	168.3
Tech Sheet 110825	

Elbow with Grooved Ends



90° Equal, Tube x Tube

9260	Ø mm
QLGO90AL168	168.3
Tech Sheet 110825	



45° Equal, Tube x Tube

9260	Ø mm
QLGO45AL168	168.3
Tech Sheet 110825	

Tee with Grooved Ends



Equal, Tube x Tube

9260	Ø mm
QLTEAL168	168.3
Tech Sheet 110825	

Straight Rigid Coupling with Grooved Ends



Equal, Tube x Tube

9260	Ø mm
QLMAAL168	168.3
Tech Sheet 110825	

Straight Flexible Coupling with Grooved Ends



Equal, Tube x Tube

9260	Ø mm
QLMAAF168	168.3
Tech Sheet 110825	



6" (168.3MM) TUBING & FITTINGS SYSTEM

A full range of ready-to-use, pre-grooved 168.3 mm - 6" aluminium products.

In large industrial sites, main compressed air distribution networks need a flow rate of 3,000m³ per hour.

Compatibility and Specifications Deliverable Fluids:

- Compressed air
- Inert gases
- Vacuum
- Other (please contact sales office for more information)

Vacuum Level:

99% (about 10 mbar) approximately

° Working Temperature:

-30°C to +80°C



Maximum Working Pressure:

12 bar

End Caps with Grooved Ends



Tube

9260	Ø mm
QLCAAL168	168.3
Tech Sheet 110825	

Flanged Adaptor



Tube x Flange DIN

9260	Ø mm	DIN Flange
QLFLA168480DIN	168.3	4"
Tech Sheet 110825		

Pipe Bracket



M10 Insert Pieces

9260	Ø mm	Insert
DIRFEM10168CF	168.3	M10
Tech Sheet 110825		

Expansion Joint



Flanged DIN

9260	Ø mm
DIRDIL168DIN	168.3
Tech Sheet 110825	

DIRDIL168DIN requires 1x QLFLA168480DIN on each side.

Butterfly Valve



Flange DIN Coupling

9260	Ø mm
QLVALFAR168	168.3
Tech Sheet 110825	

Portable Manual Grooving Tool for 6" (168.3 mm) Tube



Manual Operation with Ratchet Handle

9260	Ø mm
DIRRULLUNI	168.3
Tech Sheet 110825	

MANIFOLDS, ALUMINIUM TUBING SYSTEM



Single Port



**1/2" BSPP Inlet x 1/2" BSPP Outlet,
with Drain Option, 1/4" (Blind)**

9183	No. of Inlets	No. of Outlets
DIRAPMAL048048	1	1
Tech Sheet 110826		



With Fitting Holder Safety Block

9183	Inlet mm	Outlet
DAPGO45FAL020048	20	1/2"
DAPGO45FAL025048	25	1/2"
DAPGO45FAL025068	25	3/4"
Tech Sheet 110826		

Double Port



**1/2" BSPP Inlet x 1/2" BSPP Outlet,
with Drain Option, 1/4" (Blind)**

9183	No. of Inlets	No. of Outlets
APLALL048	1	2
Tech Sheet 110826		

**3/4" BSPP Inlet x 1/2" BSPP Outlet,
with Drain Option, 1/4" (Blind)**

9183	No. of Inlets	No. of Outlets
APLALL068	1	2
Tech Sheet 110826		

3 Port



**1/2" BSPP Inlet x 1/2" BSPP Outlet,
with Drain Option, 1/4" (Blind)**

9183	No. of Inlets	No. of Outlets
DIRAPFRLAL048048	1	3
Tech Sheet 110826		

4 Port



**1/2" BSPP Inlet x 1/2" BSPP Outlet,
with Drain Option, 1/4" (Blind)**

9183	No. of Inlets	No. of Outlets
DIRAPLAL048048	1	4
Tech Sheet 110826		

**3/4" BSPP Inlet x 1/2" BSPP Outlet,
with Drain Option, 1/4" (Blind)**

9183	No. of Inlets	No. of Outlets
DIRAPLAL068068	1	4
Tech Sheet 110826		

5 Port



**3/4" BSPP Inlet x 3/4" & 1/2" BSPP Outlet,
with Drain Option, 1/4" (Blind)**

9183	No. of Inlets	No. of Outlets A (side)	No. of Outlets B (front)
DIRPMUAL120	1	2	3
Tech Sheet 110826			

6 Port



**3/4" BSPP Inlet x 3/8" BSPP Outlet,
No Drain**

9183	No. of Inlets	No. of Outlets
APLALLMUL068038	1	6
Tech Sheet 110826		

**1/2" BSPP Inlet x 3/4" BSPP Outlet,
No Drain**

9183	No. of Inlets	No. of Outlets
APLALLMUL068048	1	6
Tech Sheet 110826		

7 Port



**3/4" BSPP Inlet x 1/2" BSPP Outlet,
with Drain Option, 1/4" (Blind)**

9183	No. of Inlets	No. of Outlets
DIRPMUAL200	1	7
Tech Sheet 110826		

Drain Valve



1/4" BSPP Male

9183	Thread
DIRVSP028	1/4"
Tech Sheet 110826	

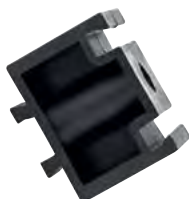
Pipe Brackets



M8 Insert Pieces

9183	Ø mm	Insert
DIRFEM8016CF	16	M8
DIRFEM8020CF	20	M8
DIRFEM8025CF	25	M8
DIRFEM8032CF	32	M8
DIRFEM8040CF	40	M8
DIRFEM8050CF	50	M8
DIRFEM8063CF	63	M8
DIRFEM8080CF	80	M8
DIRFEM8110CF	110	M8

Tech Sheet 110827



Pipe Bracket Spacers

9183	Ø mm	Ø mm
DIRSPE020032	20	32
DIRSPE040063	40	63

Tech Sheet 110827

Deburrers



To suit Tube Sizes 16mm - 110mm

9183	Ø mm	Ø mm
DIRSM016050	16	50
DIRSM063110	63	110

Tech Sheet 110827



To suit Tube Sizes 16mm - 168.3mm

9183	Ø mm	Nominal Bore mm
DIRSBVUNI	16	168.3

Tech Sheet 110827

Aluminium Spigots



Male BSPP x Stem

9183	Ø mm	Thread
QLPUNM016038	16	3/8"
QLPUNM020048	20	1/2"
QLPUNM020068	20	3/4"
QLPUNM025088	25	1"
QLPUNM032108	32	1.1/4"
QLPUNM040128	40	1.1/2"
QLPUNM050168	50	2"
QLPUNM063168	63	2"
QLPUNM080248	80	3"

Tech Sheet 110827

Reduction Pipe



Stem x Stem

9183	Ø mm	Ø mm
QLRIDTU025020	25	20
QLRIDTU032020	32	20
QLRIDTU032025	32	25
QLRIDTU040025	40	25
QLRIDTU040032	40	32
QLRIDTU050032	50	32
QLRIDTU050040	50	40
QLRIDTU063040	63	40
QLRIDTU063050	63	50
QLRIDTU080050	80	50
QLRIDTU080063	80	63
QLRIDTU110050	110	50
QLRIDTU110063	110	63
QLRIDTU110080	110	80

Tech Sheet 110827

Flexible Hoses



Stem x Stem

9183	Ø mm
QLFLEX020	20
QLFLEX025	25
QLFLEX032	32
QLFLEX040	40
QLFLEX063	63

Tech Sheet 110827

Multilayer Pipe Bending Tools



Bending Gun

9260	Ø mm	Ø mm
DIRPIEGTMLS1625	16	25

Tech Sheet



Calibrator & Chamfering Tool

9260	Ø mm	Ø mm
DIRCALML016025	16	25

Tech Sheet 110827



Outer Bending Spring

9260	Ø mm
DIRMOLMLEST016	16
DIRMOLMLEST020	20
DIRMOLMLEST025	25

Tech Sheet 110827



Inner Bending Spring

9260	Ø mm
DIRMOLMLINT016	16
DIRMOLMLINT020	20
DIRMOLMLINT025	25

Tech Sheet 110827

Assembly Lubrication



Lubrication Fluid (Oil Free)

9183	Size ml
DIRLUB0750	750

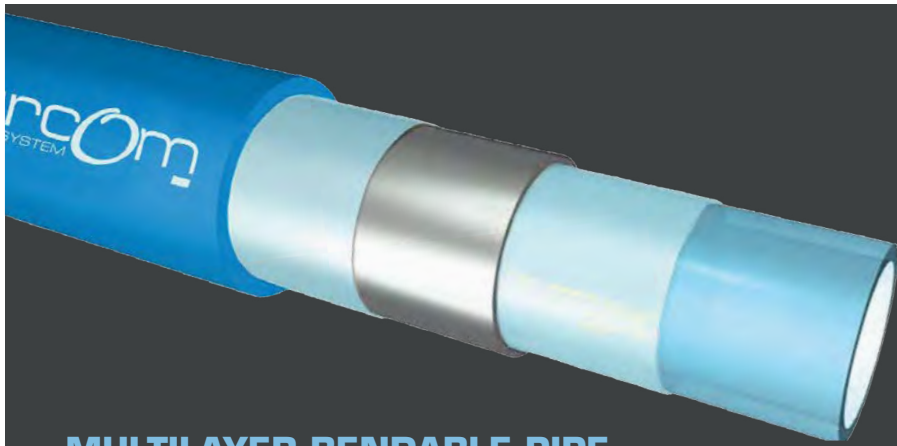
Tech Sheet 110844



Lubrication Gel (Oil Free)

9183	Size ml
DIRLUBGEL0950	950

Tech Sheet 110827



MULTILAYER BENDABLE PIPE

BENDABLE, RESISTANT AND SPECIFIC FOR COMPRESSED AIR

Due to its unique structure, Aircom's multilayer pipe for compressed air delivers excellent physical and chemical features, typical of PE-RT.

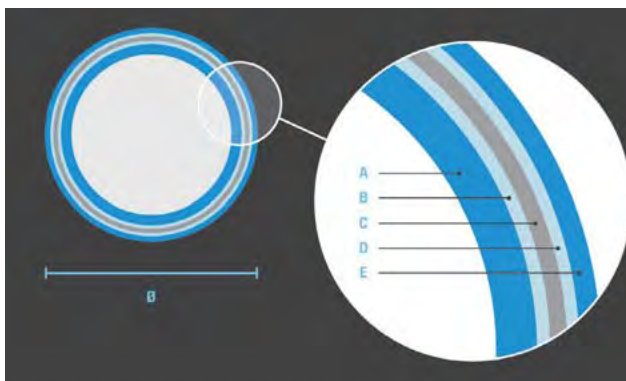
The structure of the multilayer pipe incorporates an aluminium layer, providing resistance to high pressures and high operating temperatures.

The lightness of the material enables easy shaping of piping sections, making installation trouble-free even in problem areas.

AIRCOM'S MULTILAYER PIPE ADVANTAGES

- ✓ Specifically for compressed air piping.
- ✓ Easy creation of shaped piping sections.
- ✓ Easy to fit around obstacles, corners, pillars, etc.
- ✓ Easy installation owing to its bendability.
- ✓ Linear thermal expansion factor similar to aluminium pipe.
- ✓ Corrosion resistant.
- ✓ Outstanding durability.

LAYERS AND MATERIALS



- A PE-RT (inner layer, colourless)
- B Adhesive layer
- C Aluminium layer, overlapped and ultrasonic welded
- D Adhesive layer
- E PE-RT (outer layer, blue)

UPVC METRIC PIPE SYSTEM



5



Working Temperature:

All pressures quoted are based on a working temperature of 20°C

PVC-U Systems should never be used for temperatures in excess of 60°C



Maximum Working Pressure:

16 bar Plain Fittings

12 bar Threaded Fittings

(Sizes 200mm/225mm with reduced safety factor)

20°C	30°C	40°C	50°C	60°C
16.0 bar	12.8 bar	9.2 bar	6.2 bar	3.5 bar

Sockets & Reducing Bushes



Equal Socket

1050	ID mm
SO-16-UPVC	16
SO-20-UPVC	20
SO-25-UPVC	25
SO-32-UPVC	32
SO-40-UPVC	40
SO-50-UPVC	50
SO-63-UPVC	63
SO-75-UPVC	75
SO-90-UPVC	90
SO-110-UPVC	110
SO-125-UPVC	125
SO-140-UPVC	140
SO-160-UPVC	160
SO-200-UPVC	200
SO-225-UPVC	225

Tech Sheet 10256



Plain x Threaded Socket, BSPP

1050	ID mm	Thread
TSO-16-38-UPVC	16	3/8"
TSO-20-12-UPVC	20	1/2"
TSO-25-34-UPVC	25	3/4"
TSO-32-1-UPVC	32	1"
TSO-40-114-UPVC	40	1.1/4"
TSO-50-112-UPVC	50	1.1/2"
TSO-63-2-UPVC	63	2"
TSO-75-212-UPVC	75	2.1/2"
TSO-90-3-UPVC	90	3"
TSO-110-4-UPVC	110	4"
TSO-125-5-UPVC	125	5"

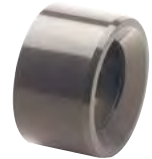
Tech Sheet 10256



Reducing Socket

1050	ID mm	ID mm
RSO-2016-UPVC	20	16
RSO-2516-UPVC	25	16
RSO-2520-UPVC	25	20
RSO-3220-UPVC	32	20
RSO-3225-UPVC	32	25
RSO-4020-UPVC	40	20
RSO-4025-UPVC	40	25
RSO-4032-UPVC	40	32
RSO-5025-UPVC	50	25
RSO-5032-UPVC	50	32
RSO-5040-UPVC	50	40
RSO-6340-UPVC	63	40
RSO-6350-UPVC	63	50
RSO-7540-UPVC	75	40
RSO-7550-UPVC	75	50
RSO-7563-UPVC	75	63
RSO-9040-UPVC	90	40
RSO-9050-UPVC	90	50
RSO-9063-UPVC	90	63
RSO-9075-UPVC	90	75
RSO-11050-UPVC	110	50
RSO-11063-UPVC	110	63
RSO-11075-UPVC	110	75
RSO-11090-UPVC	110	90
RSO-12590-UPVC	125	90
RSO-125110-UPVC	125	110
RSO-14090-UPVC	140	90
RSO-140110-UPVC	140	110
RSO-140125-UPVC	140	125
RSO-160110-UPVC	160	110
RSO-160140-UPVC	160	140

Tech Sheet 10256



Reducing Bush

1050	OD mm	ID mm
RB-2016-UPVC	20	16
RB-2516-UPVC	25	16
RB-2520-UPVC	25	20
RB-3216-UPVC	32	16
RB-3220-UPVC	32	20
RB-3225-UPVC	32	25
RB-4020-UPVC	40	20
RB-4025-UPVC	40	25
RB-4032-UPVC	40	32
RB-5025-UPVC	50	25
RB-5032-UPVC	50	32
RB-5040-UPVC	50	40
RB-6325-UPVC	63	25
RB-6332-UPVC	63	32
RB-6340-UPVC	63	40
RB-6350-UPVC	63	50
RB-7532-UPVC	75	32
RB-7540-UPVC	75	40
RB-7550-UPVC	75	50
RB-7563-UPVC	75	63
RB-9050-UPVC	90	50
RB-9063-UPVC	90	63
RB-9075-UPVC	90	75
RB-11063-UPVC	110	63
RB-11075-UPVC	110	75
RB-11090-UPVC	110	90
RB-12575-UPVC	125	75
RB-12590-UPVC	125	90
RB-125110-UPVC	125	110
RB-14090-UPVC	140	90
RB-140110-UPVC	140	110
RB-140125-UPVC	140	125
RB-16090-UPVC	160	90
RB-160110-UPVC	160	110
RB-160125-UPVC	160	125
RB-160140-UPVC	160	140
RB-180125-UPVC	180	125
RB-180140-UPVC	180	140
RB-180160-UPVC	180	160
RB-200160-UPVC	200	160
RB-200180-UPVC	200	180
RB-225160-UPVC	225	160
RB-225200-UPVC	225	200

Tech Sheet 10256

Ring Main



INDUSTRIAL

UPVC METRIC PIPE SYSTEM



Working Temperature:

All pressures quoted are based on a working temperature of 20°C

PVC-U Systems should never be used for temperatures in excess of 60°C



Maximum Working Pressure:

16 bar Plain Fittings

12 bar Threaded Fittings

(Sizes 200mm/225mm with reduced safety factor)

20°C	30°C	40°C	50°C	60°C
16.0 bar	12.8 bar	9.2 bar	6.2 bar	3.5 bar

Elbows & Bends



Equal 90° Elbow

1050	ID mm
EE-90-16-UPVC	16
EE-90-20-UPVC	20
EE-90-25-UPVC	25
EE-90-32-UPVC	32
EE-90-40-UPVC	40
EE-90-50-UPVC	50
EE-90-63-UPVC	63
EE-90-75-UPVC	75
EE-90-90-UPVC	90
EE-90-110-UPVC	110
EE-90-125-UPVC	125
EE-90-140-UPVC	140
EE-90-160-UPVC	160
EE-90-200-UPVC	200
EE-90-225-UPVC	225

Tech Sheet 10256



Equal 45° Elbow

1050	ID mm
EE-45-16-UPVC	16
EE-45-20-UPVC	20
EE-45-25-UPVC	25
EE-45-32-UPVC	32
EE-45-40-UPVC	40
EE-45-50-UPVC	50
EE-45-63-UPVC	63
EE-45-75-UPVC	75
EE-45-90-UPVC	90
EE-45-110-UPVC	110
EE-45-125-UPVC	125
EE-45-140-UPVC	140
EE-45-160-UPVC	160
EE-45-200-UPVC	200
EE-45-225-UPVC	225

Tech Sheet 10256



Equal 90° Bend, Short Radius

1050	ID mm
EB-90-20-UPVC	20
EB-90-25-UPVC	25
EB-90-32-UPVC	32
EB-90-40-UPVC	40
EB-90-50-UPVC	50
EB-90-63-UPVC	63
EB-90-75-UPVC	75
EB-90-90-UPVC	90
EB-90-110-UPVC	110

Tech Sheet 10256



Equal 45° Bend, Short Radius

1050	ID mm
EB-45-32-UPVC	32
EB-45-40-UPVC	40
EB-45-63-UPVC	63
EB-45-75-UPVC	75
EB-45-90-UPVC	90

Tech Sheet 10256



Plain x Threaded 90° Elbow, BSPP

1050	ID mm	Thread
TE-90-16-UPVC	16	3/8"
TE-90-20-UPVC	20	1/2"
TE-90-25-UPVC	25	3/4"
TE-90-32-UPVC	32	1"
TE-90-40-UPVC	40	1.1/4"
TE-90-50-UPVC	50	1.1/2"
TE-90-63-UPVC	63	2"
TE-90-75-UPVC	75	2.1/2"
TE-90-90-UPVC	90	3"
TE-90-110-UPVC	110	4"

Tech Sheet 10256



Plain x Threaded 45° Elbow, BSPP

1050	ID mm	Thread
TE-45-16-UPVC	16	3/8"
TE-45-20-UPVC	20	1/2"
TE-45-25-UPVC	25	3/4"
TE-45-32-UPVC	32	1"
TE-45-40-UPVC	40	1.1/4"
TE-45-50-UPVC	50	1.1/2"
TE-45-63-UPVC	63	2"
TE-45-75-UPVC	75	2.1/2"
TE-45-90-UPVC	90	3"
TE-45-110-UPVC	110	4"

Tech Sheet 10256



UPVC METRIC PIPE SYSTEM



Working Temperature:

All pressures quoted are based on a working temperature of 20°C

PVC-U Systems should never be used for temperatures in excess of 60°C



Maximum Working Pressure:

16 bar Plain Fittings

12 bar Threaded Fittings

(Sizes 200mm/225mm with reduced safety factor)

20°C	30°C	40°C	50°C	60°C
16.0 bar	12.8 bar	9.2 bar	6.2 bar	3.5 bar

Tees



Equal Tee

1050	ID mm
T-16-UPVC	16
T-20-UPVC	20
T-25-UPVC	25
T-32-UPVC	32
T-40-UPVC	40
T-50-UPVC	50
T-63-UPVC	63
T-75-UPVC	75
T-90-UPVC	90
T-110-UPVC	110
T-125-UPVC	125
T-140-UPVC	140
T-160-UPVC	160
T-200-UPVC	200
T-225-UPVC	225

Tech Sheet 10256



Equal 45° Tee

1050	ID mm
TY-16-UPVC	16
TY-20-UPVC	20
TY-25-UPVC	25
TY-32-UPVC	32
TY-40-UPVC	40
TY-50-UPVC	50
TY-63-UPVC	63

Tech Sheet 10256

Reducing Branch Tee

1050	ID mm	ID mm
TR-2016-UPVC	20	16
TR-2516-UPVC	25	16
TR-2520-UPVC	25	20
TR-3216-UPVC	32	16
TR-3220-UPVC	32	20
TR-3225-UPVC	32	25
TR-4016-UPVC	40	16
TR-4020-UPVC	40	20
TR-4025-UPVC	40	25
TR-4032-UPVC	40	32
TR-5020-UPVC	50	20
TR-5025-UPVC	50	25
TR-5032-UPVC	50	32
TR-5040-UPVC	50	40
TR-6320-UPVC	63	20
TR-6325-UPVC	63	25
TR-6332-UPVC	63	32
TR-6340-UPVC	63	40
TR-6350-UPVC	63	50
TR-7532-UPVC	75	32
TR-7540-UPVC	75	40
TR-7550-UPVC	75	50
TR-7563-UPVC	75	63
TR-9040-UPVC	90	40
TR-9050-UPVC	90	50
TR-9063-UPVC	90	63
TR-9075-UPVC	90	75
TR-11050-UPVC	110	50
TR-11063-UPVC	110	63
TR-11075-UPVC	110	75
TR-11090-UPVC	110	90
TR-12563-UPVC	125	63
TR-12575-UPVC	125	75
TR-12590-UPVC	125	90
TR-125110-UPVC	125	110
TR-14075-UPVC	140	75
TR-14090-UPVC	140	90
TR-140110-UPVC	140	110
TR-140125-UPVC	140	125
TR-16090-UPVC	160	90
TR-160110-UPVC	160	110
TR-160125-UPVC	160	125
TR-160140-UPVC	160	140

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Equal Cross

1050	ID mm
X-16-UPVC	16
X-20-UPVC	20
X-25-UPVC	25
X-32-UPVC	32
X-40-UPVC	40
X-50-UPVC	50
X-63-UPVC	63
X-75-UPVC	75
X-90-UPVC	90
X-110-UPVC	110

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Caps



Plain

1050	ID mm
BC-16-UPVC	16
BC-20-UPVC	20
BC-25-UPVC	25
BC-32-UPVC	32
BC-40-UPVC	40
BC-50-UPVC	50
BC-63-UPVC	63
BC-75-UPVC	75
BC-90-UPVC	90
BC-110-UPVC	110
BC-125-UPVC	125
BC-140-UPVC	140
BC-160-UPVC	160
BC-200-UPVC	200
BC-225-UPVC	225

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UPVC METRIC PIPE SYSTEM



Working Temperature:

All Pressures quoted are based on a working temperature of 20°C

PVC-U Systems should never be used for temperatures in excess of 60°C



Maximum Working Pressure:

16 bar Plain Fittings

12 bar Threaded Fittings

(excluding 75mm-110mm Unions, which are 10 bar rated)

20°C	30°C	40°C	50°C	60°C
16.0 bar	12.8 bar	9.2 bar	6.2 bar	3.5 bar

Unions



Equal Union

1050	ID mm
U-16-UPVC	16
U-20-UPVC	20
U-25-UPVC	25
U-32-UPVC	32
U-40-UPVC	40
U-50-UPVC	50
U-63-UPVC	63
U-75-UPVC	75
U-90-UPVC	90
U-110-UPVC	110

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Plain x Threaded Union, BSPP

1050	ID mm	Thread
UT-16-UPVC	16	3/8"
UT-20-UPVC	20	1/2"
UT-25-UPVC	25	3/4"
UT-32-UPVC	32	1"
UT-40-UPVC	40	1.1/4"
UT-50-UPVC	50	1.1/2"
UT-63-UPVC	63	2"
UT-75-UPVC	75	2.1/2"
UT-90-UPVC	90	3"
UT-110-UPVC	110	4"

Tech Sheet 10256

Threaded Adaptors



Plain x Male Threaded Adaptor, BSPP

1050	ID mm	OD mm	Thread
MTA-12-38-UPVC	12	16	3/8"
MTA-16-12-UPVC	16	20	1/2"
MTA-16-38-UPVC	16	20	3/8"
MTA-20-12-UPVC	20	25	1/2"
MTA-20-34-UPVC	20	25	3/4"
MTA-20-38-UPVC	20	25	3/8"
MTA-25-1-UPVC	25	32	1"
MTA-25-12-UPVC	25	32	1/2"
MTA-25-34-UPVC	25	32	3/4"
MTA-32-1-UPVC	32	40	1"
MTA-32-114-UPVC	32	40	1.1/4"
MTA-32-34UPVC	32	40	3/4"
MTA-40-1-UPVC	40	50	1"
MTA-40-112-UPVC	40	50	1.1/2"
MTA-40-114-UPVC	40	50	1.1/4"
MTA-50-112-UPVC	50	63	1.1/2"
MTA-50-114-UPVC	50	63	1.1/4"
MTA-50-2-UPVC	50	63	2"
MTA-63-112-UPVC	63	75	1.1/2"
MTA-63-2-UPVC	63	75	2"
MTA-63-212-UPVC	63	75	2.1/2"
MTA-75-2-UPVC	75	90	2"
MTA-75-212-UPVC	75	90	2.1/2"
MTA-75-3-UPVC	75	90	3"
MTA-90-212-UPVC	90	110	2.1/2"
MTA-90-3-UPVC	90	110	3"
MTA-90-4-UPVC	90	110	4"
MTA-110-3-UPVC	110	125	3"
MTA-110-4-UPVC	110	125	4"
MTA-110-5-UPVC	110	125	5"

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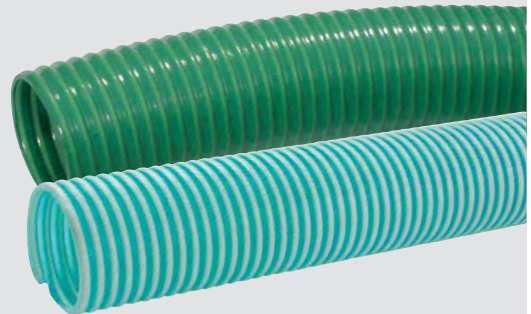
Plain x Female Threaded Adaptor, BSPP

1050	OD mm	Thread
FTA-16-38-UPVC	16	3/8"
FTA-16-12-UPVC	16	1/2"
FTA-20-12-UPVC	20	1/2"
FTA-20-34-UPVC	20	3/4"
FTA-25-1-UPVC	25	1"
FTA-25-12-UPVC	25	1/2"
FTA-25-34-UPVC	25	3/4"
FTA-32-1-UPVC	32	1"
FTA-32-34-UPVC	32	3/4"
FTA-40-1-UPVC	40	1"
FTA-40-114-UPVC	40	1.1/4"
FTA-50-112-UPVC	50	1.1/2"
FTA-50-114-UPVC	50	1.1/4"
FTA-50-2-UPVC	50	2"
FTA-63-112-UPVC	63	1.1/2"
FTA-63-2-UPVC	63	2"
FTA-75-2-UPVC	75	2"
FTA-75-212-UPVC	75	2.1/2"
FTA-90-212-UPVC	90	2.1/2"
FTA-90-3-UPVC	90	3"
FTA-90-4-UPVC	90	4"
FTA-110-3-UPVC	110	3"
FTA-110-4-UPVC	110	4"

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Suction Hose
 see **Industrial Section 6**



UPVC METRIC PIPE SYSTEM



Working Temperature:

All pressures quoted are based on a working temperature of 20°C

PVC-U Systems should never be used for temperatures in excess of 60°C



Maximum Working Pressure:

16 bar Plain fittings
12 bar Threaded fittings

Flanges



Stub Flange, Serrated Face

1050	ID mm
SF-20-UPVC	20
SF-25-UPVC	25
SF-32-UPVC	32
SF-40-UPVC	40
SF-50-UPVC	50
SF-63-UPVC	63
SF-75-UPVC	75
SF-90-UPVC	90
SF-110-UPVC	110

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PN16 Full Face Flange

1050	ID mm	Flange Size
FPN16-20-UPVC	20	1/2"
FPN16-25-UPVC	25	3/4"
FPN16-32-UPVC	32	1"
FPN16-40-UPVC	40	1.1/4"
FPN16-50-UPVC	50	1.1/2"
FPN16-63-UPVC	63	2"
FPN16-75-UPVC	75	2.1/2"
FPN16-90-UPVC	90	3"
FPN16-110-UPVC	110	4"

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ASA150 Full Face Flange

1050	ID mm	Flange Size
FASA150-25-UPVC	25	3/4"
FASA150-32-UPVC	32	1"
FASA150-40-UPVC	40	1.1/4"
FASA150-50-UPVC	50	1.1/2"
FASA150-63-UPVC	63	2"
FASA150-75-UPVC	75	2.1/2"
FASA150-90-UPVC	90	3"
FASA150-110-UPVC	110	4"

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PN16 Blanking Flange

1050	To Suit mm	Flange Size
BPN16-20-UPVC	20	1/2"
BPN16-25-UPVC	25	3/4"
BPN16-32-UPVC	32	1"
BPN16-40-UPVC	40	1.1/4"
BPN16-50-UPVC	50	1.1/2"
BPN16-63-UPVC	63	2"
BPN16-75-UPVC	75	2.1/2"
BPN16-90-UPVC	90	3"
BPN16-110-UPVC	110	4"

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ASA150 Blanking Flange

1050	To Suit mm	Flange Size
BASA150-32-UPVC	32	1"
BASA150-40-UPVC	40	1.1/4"
BASA150-50-UPVC	50	1.1/2"
BASA150-63-UPVC	63	2"
BASA150-75-UPVC	75	2.1/2"
BASA150-90-UPVC	90	3"
BASA150-110-UPVC	110	4"

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PN16 Flange Gasket, EPDM

1050	To Suit mm
PNFG-20	20
PNFG-25	25
PNFG-32	32
PNFG-40	40
PNFG-50	50
PNFG-63	63
PNFG-75	75
PNFG-90	90
PNFG-110	110

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ASA150 Flange Gasket, EPDM

1050	To Suit mm
ASAFG-20	20
ASAFG-25	25
ASAFG-32	32
ASAFG-40	40
ASAFG-50	50
ASAFG-63	63
ASAFG-75	75
ASAFG-90	90
ASAFG-110	110

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PN16 Galvanised Backing Ring

1050	To Suit mm
GBR-20	20
GBR-25	25
GBR-32	32
GBR-40	40
GBR-50	50
GBR-63	63
GBR-75	75
GBR-90	90
GBR-110	110

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PN16 UPVC Backing Ring

1050	To Suit mm
UPVCBR-20	20
UPVCBR-25	25
UPVCBR-32	32
UPVCBR-40	40
UPVCBR-50	50
UPVCBR-63	63
UPVCBR-75	75
UPVCBR-90	90
UPVCBR-110	110

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Stub Flange Gasket, EPDM

1050	To Suit mm
SFG-20	20
SFG-25	25
SFG-32	32
SFG-40	40
SFG-50	50
SFG-63	63
SFG-75	75
SFG-90	90
SFG-110	110

Tech Sheet 10256



Industrial Valves

Working Temperature:
All pressures quoted are based on a working temperature of 20°C

PVC-U Systems should never be used for temperatures in excess of 60°C

Maximum Working Pressure:
16 bar Plain ends
12 bar Threaded ends up to 63mm.
10 bar 75mm-110mm



Double Union Ball Valve, EPDM Seals

1050	ID mm
DUBV-16-UPVC	16
DUBV-20-UPVC	20
DUBV-25-UPVC	25
DUBV-32-UPVC	32
DUBV-40-UPVC	40
DUBV-50-UPVC	50
DUBV-63-UPVC	63
DUBV-75-UPVC	75
DUBV-90-UPVC	90
DUBV-110-UPVC	110

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Double Union Spring Check Valve, EPDM Seals

1050	ID mm
DUCV-16-UPVC	16
DUCV-20-UPVC	20
DUCV-25-UPVC	25
DUCV-32-UPVC	32
DUCV-40-UPVC	40
DUCV-50-UPVC	50
DUCV-63-UPVC	63
DUCV-75-UPVC	75
DUCV-90-UPVC	90
DUCV-110-UPVC	110

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Double Union Foot Valve, EPDM Seals



1050	ID mm
DUFV-20-UPVC	20
DUFV-25-UPVC	25
DUFV-32-UPVC	32
DUFV-40-UPVC	40
DUFV-50-UPVC	50
DUFV-63-UPVC	63
DUFV-75-UPVC	75
DUFV-90-UPVC	90
DUFV-110-UPVC	110

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UPVC Tubing

Working Temperature:
All pressures quoted are based on a working temperature of 20°C

PVC-U Systems should never be used for temperatures in excess of 60°C

Maximum Working Pressure:
16 bar

4 Metre lengths may take up to 3 working days to be delivered, dependant on weight and delivery address location. Additional carriage charges may apply. For full details please contact sales.



PN16, 6 Metre Lengths

0118	OD mm
UPVC/TUBE-6-16	16
UPVC/TUBE-6-20	20
UPVC/TUBE-6-25	25
UPVC/TUBE-6-32	32
UPVC/TUBE-6-40	40
UPVC/TUBE-6-50	50
UPVC/TUBE-6-63	63
UPVC/TUBE-6-75	75
UPVC/TUBE-6-90	90
UPVC/TUBE-6-110	110
UPVC/TUBE-6-140	140
UPVC/TUBE-6-160	160
UPVC/TUBE-6-225	225

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PN16, 3 Metre Lengths

0118	OD mm
UPVC/TUBE-3-16	16
UPVC/TUBE-3-20	20
UPVC/TUBE-3-25	25
UPVC/TUBE-3-32	32
UPVC/TUBE-3-40	40
UPVC/TUBE-3-50	50
UPVC/TUBE-3-63	63
UPVC/TUBE-3-75	75
UPVC/TUBE-3-90	90
UPVC/TUBE-3-110	110
UPVC/TUBE-3-140	140
UPVC/TUBE-3-160	160
UPVC/TUBE-3-225	225

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Clear UPVC Tubing

Please Note: Clear PVC pipe is not suitable for outdoor use without adequate UV protection.

4 Metre lengths may take up to 3 working days to be delivered, dependant on weight and delivery address location. Additional carriage charges may apply. For full details please contact sales.



With Blue Tint, 5 Metre Lengths

0118	OD mm	Wall Thickness mm
CUPVC/TUBE2015	20	1.5
CUPVC/TUBE2515	25	1.5
CUPVC/TUBE2519	25	1.9
CUPVC/TUBE3218	32	1.8
CUPVC/TUBE3224	32	2.4
CUPVC/TUBE4020	40	2
CUPVC/TUBE4030	40	3
CUPVC/TUBE5018	50	1.8
CUPVC/TUBE5024	50	2.4
CUPVC/TUBE5037	50	3.7
CUPVC/TUBE6318	63	1.8
CUPVC/TUBE6330	63	3
CUPVC/TUBE6347	63	4.7
CUPVC/TUBE-7518	75	1.8
CUPVC/TUBE-7536	75	3.6
CUPVC/TUBE-9018	90	1.8
CUPVC/TUBE-9043	90	4.3
CUPVC/TUBE-11022	110	2.2
CUPVC/TUBE-11053	110	5.3
CUPVC/TUBE-12525	125	2.5
CUPVC/TUBE-14028	140	2.8
CUPVC/TUBE-16032	160	3.2
CUPVC/TUBE-16047	160	4.7

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Pipe Clips

Type 1



Type 2



Type 3



Black PP Clips

1050	ID mm	Type
PPCLIP-16	16	1
PPCLIP-20	20	1
PPCLIP-25	25	1
PPCLIP-32	32	1
PPCLIP-40	40	2
PPCLIP-50	50	2
PPCLIP-63	63	2
PPCLIP-75	75	2
PPCLIP-90	90	2
PPCLIP-110	110	2
PPCLIP-140	140	2
PPCLIP-160	160	2
PPCLIP-225	225	3

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UPVC METRIC PIPE SYSTEM



Working Temperature:

All pressures quoted are based on a working temperature of 20°C

PVC-U Systems should never be used for temperatures in excess of 60°C



Maximum Working Pressure:

16 bar Plain fittings
12 bar Threaded fittings

Hose Connections



Male Spigot, Metric x Hose Tail, Metric

1050	Tube OD mm	Hosetail mm
HN50-1212-UPVC	12	12
HN50-1616-UPVC	16	16
HN50-2020-UPVC	20	20
HN50-2525-UPVC	25	25
HN50-3232-UPVC	32	32
HN50-4040-UPVC	40	40
HN50-5050-UPVC	50	50
HN50-6060-UPVC	63	63

Tank Connectors



Plain x Female, BSPP

1050	Tube OD mm	Thread
TC-32-1-UPVC	32	1"
TC-10-114-UPVC	40	1.1/4"

Threaded Adaptors



Plain x Threaded Female Stainless Steel Reinforced, BSPP

1050	Tube OD mm	Thread
FTA-50-112-UPVC	50	1.1/2"



Plain Male x Threaded Female Stainless Steel Reinforced, BSPP

1050	Tube OD mm	Thread
MFTA-50-112-UPVC	50	1.1/2"

Tube O.D. - Size Conversion Table

Nominal Bore	Outside Diameter
3/8"	17.1mm
1/2"	21.3mm
3/4"	26.7mm
1"	33.4mm
1.1/4"	42.2mm
1.1/2"	48.3mm
2"	60.3mm
2.1/2"	75mm
3"	88.9mm
4"	114.3mm
5"	140mm
6"	168.3mm
8"	219.1mm

Valves



Standard Plain Single Union Ball Valve, EPDM Seals

1050	Tube OD mm
SUBV-25-UPCV	25
SUBV-32-UPCV	32

Valve End



UPVC Plain Valve End

1050	Tube OD mm
VE-32-UPVC	32



UPVC METRIC PIPE SYSTEM



Working Temperature:

All pressures quoted are based on a working temperature of 20°C

PVC-U Systems should never be used for temperatures in excess of 60°C



Maximum Working Pressure:

16 bar Plain fittings
12 bar Threaded fittings

Tubing Accessories



Emery Tape 38mm x 5 Metres

1050	Size
ET-38-5	38mm x 5 Metres



1" Glue Brush

1050	Description
GB-1	1" Glue Brush



Griffon HCR-36 Chemical Cleaner

1050	Size ml
HCR-36-CLEANER	500



Griffon UNI100 UPVC Cement

1050	Size ml
UNI100-250-UPVC	250
UNI100-500-UPVC	500



Griffon WDF-05 Quick Set Cement

1050	Size ml
QSC-250	250
QSC-500	500



Griffon HCR-36 Chemical Cement

1050	Size ml
CHEMC-1000	1000



Griffon UNI100 GT Slow Setting UPVC Cement

1050	Size
SSC-5000-UPVC	5 Litre



Griffon Aqua-Max Pool Sealant

1050	Size grms
AQM-SEALANT	425



Griffon Cable Saw

1050	Description
CABLESAW	Cable Saw



Griffon Chamfering Tool 1/2" - 2"

1050	Description
CT-12-2	Chamfering Tool 1/2" - 2"

UPVC IMPERIAL PIPE SYSTEM



5



Recommended Working Temperature:
0°C to 60°C



Pressure Ratings for Fittings:
15 bar (8" with reduced safety factor)

For Air Ring Mains use ABS. UPVC is not suitable for use with compressed air.

UPVC = Unplasticized Poly Vinyl Chloride
ABS = Acrylonitrile-Butadiene-Styrene Copolymers

Sockets & Reducing Bushes



Equal Socket

1050	Nominal Bore ID
SO13-12-UPVC	1/2"
SO13-34-UPVC	3/4"
SO13-1-UPVC	1"
SO13-114-UPVC	1.1/4"
SO13-112-UPVC	1.1/2"
SO13-2-UPVC	2"
SO13-212-UPVC	2.1/2"
SO13-3-UPVC	3"
SO13-4-UPVC	4"
SO13-5-UPVC	5"
SO13-6-UPVC	6"
SO13-8-UPVC	8"

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Reducing Socket

1050	Nominal Bore ID	Nominal Bore ID
RS13-3412-UPVC	3/4"	1/2"
RS13-134-UPVC	1"	3/4"
RS13-1141-UPVC	1.1/4"	1"
RS13-112112-UPVC	1.1/2"	1.1/4"
RS13-2112-UPVC	2"	1.1/2"
RS13-2122-UPVC	2.1/2"	2"
RS13-3212-UPVC	3"	2.1/2"
RS13-43-UPVC	4"	3"

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Equal Barrel Nipples



Male, BSPT

1050	Thread
BN11-14-UPVC	1/4"
BN11-38-UPVC	3/8"
BN11-12-UPVC	1/2"
BN11-34-UPVC	3/4"
BN11-1-UPVC	1"
BN11-114-UPVC	1.1/4"
BN11-112-UPVC	1.1/2"
BN11-2-UPVC	2"
BN11-212-UPVC	2.1/2"
BN11-3-UPVC	3"
BN11-4-UPVC	4"

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Socket, Imperial x Metric

1050	Nominal Bore ID	ID mm
SO14-3534-UPVC	3/4"	25
SO14-321-UPVC	1"	32
SO14-40114-UPVC	1.1/4"	40
SO14-50112-UPVC	1.1/2"	50
SO14-632-UPVC	2"	63
SO14-903-UPVC	3"	90
SO14-1104-UPVC	4"	110

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Plain x Threaded Reducing Bush, BSPP

1050	Nominal Bore ID	Thread
RB30-3814-UPVC	3/8"	1/4"
RB30-1214-UPVC	1/2"	1/4"
RB30-1238-UPVC	1/2"	3/8"
RB30-3438-UPVC	3/4"	1/2"
RB30-112-UPVC	1"	3/4"
RB30-11434-UPVC	1.1/4"	1"
RB30-1121-UPVC	1.1/2"	1.1/4"
RB30-2114-UPVC	2"	1.1/2"
RB30-21212-UPVC	2.1/2"	2"
RB30-3212-UPVC	3"	2.1/2"
RB30-43-UPVC	4"	3"

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Reducing Bush

1050	Nominal Bore ID	Nominal Bore ID
RB93-3412-UPVC	3/4"	1/2"
RB93-112-UPVC	1"	1/2"
RB93-134-UPVC	1"	3/4"
RB93-11412-UPVC	1.1/4"	1/2"
RB93-11434-UPVC	1.1/4"	3/4"
RB93-1141-UPVC	1.1/4"	1"
RB93-11234-UPVC	1.1/2"	3/4"
RB93-1121-UPVC	1.1/2"	1"
RB93-112114-UPVC	1.1/2"	1.1/4"
RB93-21-UPVC	2"	1"
RB93-2114-UPVC	2"	1.1/4"
RB93-2112-UPVC	2"	1.1/2"
RB93-21212-UPVC	2.1/2"	1.1/2"
RB93-2122-UPVC	2.1/2"	2"
RB93-3112-UPVC	3"	1.1/2"
RB93-32-UPVC	3"	2"
RB93-3212-UPVC	3"	2.1/2"
RB93-42-UPVC	4"	2"
RB93-4212-UPVC	4"	2.1/2"
RB93-43-UPVC	4"	3"
RB93-53-UPVC	5"	3"
RB93-54-UPVC	5"	4"
RB93-64-UPVC	6"	4"
RB93-86-UPVC	8"	6"

Tech Sheet 10254

Tube O.D. - Size Conversion Table

Nominal Bore	Outside Diameter
3/8"	17.1mm
1/2"	21.3mm
3/4"	26.7mm
1"	33.4mm
1.1/4"	42.2mm
1.1/2"	48.3mm
2"	60.3mm
2.1/2"	75mm
3"	88.9mm
4"	114.3mm
5"	140mm
6"	168.3mm
8"	219.1mm

Ring Main



INDUSTRIAL

UPVC IMPERIAL PIPE SYSTEM



Recommended Working Temperature:
0°C to 60°C



Pressure Ratings for Fittings:
15 bar (8" with reduced safety factor)

For Air Ring Mains use ABS. UPVC is not suitable for use with compressed air.

UPVC = Unplasticized Poly Vinyl Chloride

ABS = Acrylonitrile-Butadiene-Styrene Copolymers

Elbows & Bends



Equal 90° Elbow

1050	Nominal Bore ID
EL53-12-UPVC	1/2"
EL53-34-UPVC	3/4"
EL53-1-UPVC	1"
EL53-114-UPVC	1.1/4"
EL53-112-UPVC	1.1/2"
EL53-2-UPVC	2"
EL53-212-UPVC	2.1/2"
EL53-3-UPVC	3"
EL53-4-UPVC	4"
EL53-5-UPVC	5"
EL53-6-UPVC	6"
EL53-8-UPVC	8"

Tech Sheet 10254



Plain x Threaded 90° Elbow, BSPP

1050	Nominal Bore ID	Thread
PVEP12	1/2"	1/2"
PVEP34	3/4"	3/4"
PVEP1	1"	1"
PVEP114	1.1/4"	1.1/4"
PVEP112	1.1/2"	1.1/2"
PVEP2	2"	2"
PVEP212	2.1/2"	2.1/2"
PVEP3	3"	3"
PVEP4	4"	4"

Tech Sheet 10254



Equal 90° Bend Short Radius

1050	Nominal Bore ID
BE33-12-UPVC	1/2"
BE33-34-UPVC	3/4"
BE33-1-UPVC	1"
BE33-114-UPVC	1.1/4"
BE33-112-UPVC	1.1/2"
BE33-2-UPVC	2"
BE33-212-UPVC	2.1/2"
BE33-3-UPVC	3"
BE33-4-UPVC	4"

Tech Sheet 10254



Equal 45° Elbow

1050	Nominal Bore ID
EY53-12-UPVC	1/2"
EY53-34-UPVC	3/4"
EY53-1-UPVC	1"
EY53-114-UPVC	1.1/4"
EY53-112-UPVC	1.1/2"
EY53-2-UPVC	2"
EY53-212-UPVC	2.1/2"
EY53-3-UPVC	3"
EY53-4-UPVC	4"
EY53-5-UPVC	5"
EY53-6-UPVC	6"
EY53-8-UPVC	8"

Tech Sheet 10254



Plain x Threaded 45° Elbow, BSPP

1050	Nominal Bore ID	Thread
PVEP45-12	1/2"	1/2"
PVEP45-34	3/4"	3/4"
PVEP45-1	1"	1"
PVEP45-114	1.1/4"	1.1/4"
PVEP45-112	1.1/2"	1.1/2"
PVEP45-2	2"	2"
PVEP45-212	2.1/2"	2.1/2"
PVEP45-3	3"	3"
PVEP45-4	4"	4"

Tech Sheet 10254

Tees



Equal 45° Tee

1050	Nominal Bore ID
TY43-12-UPVC	1/2"
TY43-34-UPVC	3/4"
TY43-1-UPVC	1"
TY43-114-UPVC	1.1/4"
TY43-112-UPVC	1.1/2"
TY43-2-UPVC	2"
TY43-212-UPVC	2.1/2"

Tech Sheet 10254



Plain x Threaded Branch Tee, BSPP

1050	Nominal Bore ID	Thread
PVTP12	1/2"	1/2"
PVTP34	3/4"	3/4"
PVTP1	1"	1"
PVTP114	1.1/4"	1.1/4"
PVTP112	1.1/2"	1.1/2"
PVTP2	2"	2"
PVTP212	2.1/2"	2.1/2"
PVTP3	3"	3"
PVTP4	4"	4"

Tech Sheet 10254



Equal Tee

1050	Nominal Bore ID
TE43-12-UPVC	1/2"
TE43-34-UPVC	3/4"
TE43-1-UPVC	1"
TE43-114-UPVC	1.1/4"
TE43-112-UPVC	1.1/2"
TE43-2-UPVC	2"
TE43-212-UPVC	2.1/2"
TE43-3-UPVC	3"
TE43-4-UPVC	4"
TE43-5-UPVC	5"
TE43-6-UPVC	6"
TE43-8-UPVC	8"

Tech Sheet 10254

UPVC IMPERIAL PIPE SYSTEM



5



Working Temperature:
0°C to 60°C



Maximum Working Pressure:
15 bar
(8" with reduced safety factor)

For Air Ring Mains use ABS. UPVC is not suitable for use with compressed air.

UPVC = Unplasticized Poly Vinyl Chloride
ABS = Acrylonitrile-Butadiene-Styrene Copolymers

Crosses



Equal Cross

1050	Nominal Bore ID
CR33-12-UPVC	1/2"
CR33-34-UPVC	3/4"
CR33-1-UPVC	1"
CR33-114-UPVC	1.1/4"
CR33-112-UPVC	1.1/2"
CR33-2-UPVC	2"
CR33-212-UPVC	2.1/2"
Tech Sheet 10254	

Caps



Plain

1050	Nominal Bore ID
CA73-12-UPVC	1/2"
CA73-34-UPVC	3/4"
CA73-1-UPVC	1"
CA73-114-UPVC	1.1/4"
CA73-112-UPVC	1.1/2"
CA73-2-UPVC	2"
CA73-212-UPVC	2.1/2"
CA73-3-UPVC	3"
CA73-4-UPVC	4"
CA73-5-UPVC	5"
CA73-6-UPVC	6"
CA73-8-UPVC	8"
Tech Sheet 10254	

Unions



Equal Union

1050	Nominal Bore ID
UN83-12-UPVC	1/2"
UN83-34-UPVC	3/4"
UN83-1-UPVC	1"
UN83-114-UPVC	1.1/4"
UN83-112-UPVC	1.1/2"
UN83-2-UPVC	2"
UN83-212-UPVC	2.1/2"
UN83-3-UPVC	3"
UN83-4-UPVC	4"
Tech Sheet 10254	



Plain x Male Threaded Union, BSPP

1050	Nominal Bore ID	Thread
PVUPM112	1.1/2"	1.1/2"
PVUPM2-112	2"	1.1/2"
PVUPM2	2"	2"
Tech Sheet 10254		



Plain x Female Threaded Union, BSPP

1050	Nominal Bore ID	Thread
PVUPF12	1/2"	1/2"
PVUPF34	3/4"	3/4"
PVUPF1	1"	1"
PVUPF114	1.1/4"	1.1/4"
PVUPF112	1.1/2"	1.1/2"
PVUPF2	2"	2"
PVUPF212	2.1/2"	2.1/2"
PVUPF3	3"	3"
PVUPF4	4"	4"
Tech Sheet 10254		

Tube O.D. - Size Conversion Table

Nominal Bore	Outside Diameter
3/8"	17.1mm
1/2"	21.3mm
3/4"	26.7mm
1"	33.4mm
1.1/4"	42.2mm
1.1/2"	48.3mm
2"	60.3mm
2.1/2"	75mm
3"	88.9mm
4"	114.3mm
5"	140mm
6"	168.3mm
8"	219.1mm

Ring Main



INDUSTRIAL

Working Temperature:
0°C to 60°C

Maximum Working Pressure:
15 bar
(8" with reduced safety factor)

For Air Ring Mains use ABS. UPVC is not suitable for use with compressed air.

UPVC = Unplasticized Poly Vinyl Chloride
ABS = Acrylonitrile-Butadiene-Styrene Copolymers

Threaded Adaptors



Male, BSPP

1050	Nominal Bore ID	Thread
AD32-3-UPVC	1/2"	1/2"
AD32-4-UPVC	3/4"	1/2"
AD32-5-UPVC	3/4"	3/4"
AD32-6-UPVC	3/4"	1"
AD32-7-UPVC	1"	1"
AD32-8-UPVC	1"	1.1/4"
AD32-9-UPVC	1.1/4"	1.1/4"
AD32-10-UPVC	1.1/4"	1.1/2"
AD32-11-UPVC	1.1/2"	1.1/2"
AD32-12-UPVC	1.1/2"	2"
AD32-13-UPVC	2"	2"
AD32-15-UPVC	2.1/2"	2.1/2"
AD32-17-UPVC	3"	3"
AD32-19-UPVC	4"	4"

Tech Sheet 10254



Plain x Female Threaded Adaptor, BSPP

1050	Nominal Bore ID	Thread
AD42-1212-UPVC	1/2"	1/2"
AD42-3412-UPVC	1/2"	3/4"
AD42-1234-UPVC	3/4"	1/2"
AD42-3434-UPVC	3/4"	3/4"
AD42-134-UPVC	3/4"	1"
AD42-341-UPVC	1"	3/4"
AD42-11-UPVC	1"	1"
AD42-1141-UPVC	1"	1.1/4"
AD42-114114-UPVC	1.1/4"	1.1/4"
AD42-112114-UPVC	1.1/4"	1.1/2"
AD42-112112-UPVC	1.1/2"	1.1/2"
AD42-2112-UPVC	1.1/2"	2"
AD42-1122-UPVC	2"	1.1/2"
AD42-22-UPVC	2"	2"
AD42-2122-UPVC	2"	2.1/2"
AD42-212212-UPVC	2.1/2"	2.1/2"
AD42-3212-UPVC	2.1/2"	3"
AD42-2123-UPVC	3"	2.1/2"
AD42-33-UPVC	3"	3"
AD42-43-UPVC	3"	4"
AD42-34-UPVC	4"	3"
AD42-44-UPVC	4"	4"

Tech Sheet 10254

Hose Connections



Plain x Hose Tail

1050	Nominal Bore ID	To Suit Hose ID mm
HN63-12-UPVC	1/2"	20
HN63-34-UPVC	3/4"	25
HN63-1-UPVC	1"	32
HN63-114-UPVC	1.1/4"	40
HN63-112-UPVC	1.1/2"	50
HN63-2-UPVC	2"	60

Tech Sheet 10254



Male, BSPP x Hose Tail

1050	Thread	To Suit Hose ID
PVHTM14-12	1/4"	12mm
PVHTM38-58	3/8"	16mm
PVHTM12	1/2"	1/2"
PVHTM12-34	1/2"	20mm
PVHTM34	3/4"	3/4"
PVHTM34-1	3/4"	25mm
PVHTM1	1"	1"
PVHTM1-114	1"	32mm
PVHTM114-112	1.1/4"	40mm
PVHTM112-2	1.1/2"	50mm
PVHTM2-212	2"	60mm

Tech Sheet 10254



Female, BSPP x Hose Tail

1050	Thread	To Suit Hose ID mm
HN64-3416-UPVC	3/4"	16
HN64-120-UPVC	1"	20
HN64-11425-UPVC	1.1/4"	25
HN64-11230-UPVC	1.1/2"	30
HN64-240-UPVC	2"	40
HN64-21450-UPVC	2.1/4"	50
HN64-23460-UPVC	2.3/4"	60

Tech Sheet 10254

Tank Connectors



Plain x Female, BSPP

1050	Nominal Bore ID	Thread
TC93-12-UPVC	1/2"	1/2"
TC93-34-UPVC	3/4"	3/4"
TC93-1-UPVC	1"	1"
TC93-114-UPVC	1.1/4"	1.1/4"
TC93-112-UPVC	1.1/2"	1.1/2"
TC93-2-UPVC	2"	2"
TC93-212-UPVC	2.1/2"	2.1/2"
TC93-3-UPVC	3"	3"
TC93-4-UPVC	4"	4"

Tech Sheet 10254

Tube O.D. - Size Conversion Table

Nominal Bore	Outside Diameter
3/8"	17.1mm
1/2"	21.3mm
3/4"	26.7mm
1"	33.4mm
1.1/4"	42.2mm
1.1/2"	48.3mm
2"	60.3mm
2.1/2"	75mm
3"	88.9mm
4"	114.3mm
5"	140mm
6"	168.3mm
8"	219.1mm



Flanges



Stub Flange, Serrated Face

1050	Nominal Bore ID
ST23-12-UPVC	1/2"
ST23-34-UPVC	3/4"
ST23-1-UPVC	1"
ST23-114-UPVC	1.1/4"
ST23-112-UPVC	1.1/2"
ST23-2-UPVC	2"
ST23-212-UPVC	2.1/2"
ST23-3-UPVC	3"
ST23-4-UPVC	4"
ST23-5-UPVC	5"
ST23-6-UPVC	6"
ST23-8-UPVC	8"

Tech Sheet 10254



Full Face Table E

1050	Nominal Bore ID
FF30-12-UPVC	1/2"
FF30-34-UPVC	3/4"
FF30-1-UPVC	1"
FF30-114-UPVC	1.1/4"
FF30-112-UPVC	1.1/2"
FF30-2-UPVC	2"
FF30-3-UPVC	3"
FF30-4-UPVC	4"

Tech Sheet 10254



PN16 Blanking Flange

1050	Size
BF00-12-UPVC	1/2"
BF00-34-UPVC	3/4"
BF00-1-UPVC	1"
BF00-114-UPVC	1.1/4"
BF00-112-UPVC	1.1/2"
BF00-2-UPVC	2"
BF00-3-UPVC	3"
BF00-4-UPVC	4"
BF00-5-UPVC	5"
BF00-6-UPVC	6"

Tech Sheet 10254



BS4504, PN16 Flange Gasket

1050	Size
SF16-12	1/2"
SF16-34	3/4"
SF16-1	1"
SF16-114	1.1/4"
SF16-112	1.1/2"
SF16-2	2"
SF16-3	3"
SF16-4	4"
SF16-6	6"

Tech Sheet 10254



BS10, Table E Flange Gasket

1050	Size
SF10-12	1/2"
SF10-34	3/4"
SF10-1	1"
SF10-114	1.1/4"
SF10-112	1.1/2"
SF10-2	2"
SF10-212	2.1/2"
SF10-3	3"
SF10-4	4"
SF10-6	6"

Tech Sheet 10254



PN16 Galvanised Backing Ring

1050	Size
GB16-12	1/2"
GB16-34	3/4"
GB16-1	1"
GB16-114	1.1/4"
GB16-112	1.1/2"
GB16-2	2"
GB16-212	2.1/2"
GB16-3	3"
GB16-4	4"
GB16-5	5"
GB16-6	6"
GB16-8	8"

Tech Sheet 10254



Valves



Economy Double Union Ball Valve, EPDM Seals

0118	Nominal Bore ID
BVD13-12-PVC	1/2"
BVD13-34-PVC	3/4"
BVD13-1-PVC	1"
BVD13-114-PVC	1.1/4"
BVD13-112-PVC	1.1/2"
BVD13-2-PVC	2"
BVD13-212-PVC	2.1/2"
BVD13-3-PVC	3"
BVD13-4-PVC	4"

Tech Sheet 10254



Industrial Double Union Ball Valve, EPDM Seals

0118	Nominal Bore ID
BVI13-38-PVC	3/8"
BVI13-12-PVC	1/2"
BVI13-34-PVC	3/4"
BVI13-1-PVC	1"
BVI13-114-PVC	1.1/4"
BVI13-112-PVC	1.1/2"
BVI13-2-PVC	2"
BVI13-212-PVC	2.1/2"
BVI13-3-PVC	3"
BVI13-4-PVC	4"

Tech Sheet 10254



Industrial 3 Way Ball Valve, L Port, EPDM Seals

0118	Nominal Bore ID
BVL13-12-PVC	1/2"
BVL13-34-PVC	3/4"
BVL13-1-PVC	1"
BVL13-114-PVC	1.1/4"
BVL13-112-PVC	1.1/2"
BVL13-2-PVC	2"

Tech Sheet 10254

Industrial 3 Way Ball Valve, T Port, EPDM Seals

0118	Nominal Bore ID
BVT13-12-PVC	1/2"
BVT13-34-PVC	3/4"
BVT13-1-PVC	1"
BVT13-114-PVC	1.1/4"
BVT13-112-PVC	1.1/2"
BVT13-2-PVC	2"

Tech Sheet 10254



Industrial Check Valve, EPDM Seals

0118	Nominal Bore ID
CVD13-12-PVC	1/2"
CVD13-34-PVC	3/4"
CVD13-1-PVC	1"
CVD13-114-PVC	1.1/4"
CVD13-112-PVC	1.1/2"
CVD13-2-PVC	2"

Tech Sheet 10254

Solvent Cement



UPVC

1050	Millilitres
PVC	500

Tech Sheet 876

Cleaning Fluid



500ml

1050	Millilitres
MEK-TIN	500

Tech Sheet 877

UPVC Tubing

NOTE: 6 metre length tube is available on a 3 to 5 working day delivery service. Specified delivery dates and times can not be guaranteed. Carriage is charged as an extra based on weight and delivery service required. Please speak to our sales department for further details.

Delivery of 3 metre lengths may take up to 48 hours.



Class C, 9 bar, 3 Metre Lengths

0118	Nominal Bore
UPVC/CTUBE-3-2	2"
UPVC/CTUBE-3-212	2.1/2"
UPVC/CTUBE-3-3	3"
UPVC/CTUBE-3-4	4"
UPVC/CTUBE-3-5	5"
UPVC/CTUBE-3-6	6"
UPVC/CTUBE-3-8	8"

Tech Sheet 10254

Class C, 9 bar, 6 Metre Lengths

0118	Nominal Bore
UPVC/CTUBE-6-2	2"
UPVC/CTUBE-6-212	2.1/2"
UPVC/CTUBE-6-3	3"
UPVC/CTUBE-6-4	4"
UPVC/CTUBE-6-5	5"
UPVC/CTUBE-6-6	6"

Tech Sheet 10254

Class E, 15 bar, 3 Metre Lengths

0118	Nominal Bore
UPVC/ETUBE-3-12	1/2"
UPVC/ETUBE-3-34	3/4"
UPVC/ETUBE-3-1	1"
UPVC/ETUBE-3-114	1.1/4"
UPVC/ETUBE-3-112	1.1/2"
UPVC/ETUBE-3-2	2"
UPVC/ETUBE-3-3	3"
UPVC/ETUBE-3-4	4"

Tech Sheet 10254

Class E, 15 bar, 6 Metre Lengths

0118	Nominal Bore
UPVC/ETUBE-6-12	1/2"
UPVC/ETUBE-6-34	3/4"
UPVC/ETUBE-6-1	1"
UPVC/ETUBE-6-114	1.1/4"
UPVC/ETUBE-6-112	1.1/2"
UPVC/ETUBE-6-2	2"
UPVC/ETUBE-6-3	3"
UPVC/ETUBE-6-4	4"

Tech Sheet 10254



UPVC IMPERIAL PIPE SYSTEM

UPVC Tubing



Class 7, Plain End, 3 Metre Lengths

0118	Size	Pipe OD mm	Pipe ID mm
UPVC/7TUBE-3-12	1/2"	21.4	13.4
UPVC/7TUBE-3-1	1"	33.6	24
UPVC/7TUBE-3-112	1 1/2"	48.3	37.3
UPVC/7TUBE-3-2	2"	60.3	48.3

Class 7, Plain End, 6 Metre Lengths

0118	Size	Pipe OD mm	Pipe ID mm
UPVC/7TUBE-6-112	1.1/2"	48.3	37.3

Flanges



EPDM Stub Gaskets

1050	Nominal Bore ID
SG-112	1.1/2"



EPDM Full Face Gasket BS10 Table D/E

1050	Size
FFG-1	1"
FFG-114	1.1/4"
FFG-112	1.1/2"
FFG-2	2"
FFG-212	2.1/2"
FFG-3	3"
FFG-4	4" E

Threaded Adaptors



Equal, Plain x Threaded Female Stainless Steel Reinforced, BSPP

1050	Nominal Bore ID	Thread
ESRI-12	1/2"	1/2"
ESRI-34	3/4"	3/4"
ESRI-1	1"	1"
ESRI-2	2"	2"



Equal, Plain x Threaded Female

1050	Tube NB	Thread
ESI-12	1/2"	1/2"
ESI-34	3/4"	3/4"
ESI-1	1"	1"
ESI-114	1.1/4"	1.1/4"
ESI-112	1.1/2"	1.1/2"
ESI-2	2"	2"



Equal, Threaded Female, BSPP

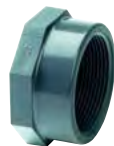
1050	Thread
TSI-34	3/4"
TSI-1	1"
TSI-112	1.1/2"
TSI-2	2"



Unequal, Threaded Female, BSPP

1050	Thread	Thread
TRSI-2-112	2"	1.1/2"

Caps



Threaded Female, BSP

1050	Thread
TCI-112	1.1/2"
TCI-2	2"

Elbows



Equal 90° Elbow, BSPP

1050	Thread
TEI-12	1/2"
TEI-112	1.1/2"
TEI-2	2"

Tees



Equal Tee, BSPP

1050	Thread
TETI-12	1/2"
TETI-34	3/4"

Unions



Threaded Female Union, BSPP

1050	Thread
TSUI-34	3/4"
TSUI-112	1.1/2"
TSUI-2	2"



Plain x Brass Composite Male Threaded Union, BSPP

1050	Nominal Bore ID	Male BSPP
MBU-1	1"	1"



Plain x Brass Composite Female Threaded Union, BSPP

1050	Nominal Bore ID	Female BSPP
FBU-112	1.1/2"	1.1/2"

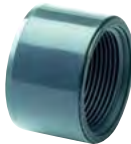
Plugs



Threaded Plug, Male, BSPP

1050	Thread
TPI-2	2"

Reducing Bushes



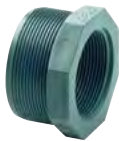
Plain x Threaded Female, BSPP

1050	Nominal Bore ID	Thread
FRBI-12-38	1/2"	3/8"
FRBI-34-12	3/4"	1/2"
FRBI-1-34	1"	3/4"



Threaded Male x Female, BSPP (Long Pattern)

1050	Male Thread	Female Thread
MFRBI-112-1	1.1/2"	1"
MFRBI-2-1	2"	1"
MFRBI-212-112	2.1/2"	1.1/2"



Threaded Male x Female, BSPP (Short Pattern)

1050	Male Thread	Female Thread
MFSRBI-34-12	3/4"	1/2"
MFSRBI-1-34	1"	3/4"
MFSRBI-114-1	1.1/4"	1"
MFSRBI-112-114	1.1/2"	1.1/4"
MFSRBI-2-112	2"	1.1/2"

Equal Hex Nipples



Equal, Male, BSPP

1050	Thread
EHNI-1	1"
EHNI-2	2"

Unequal Hex Nipples



Unequal, Male, BSPP

1050	Thread	Thread
RHNI-1-34	1"	3/4"
RHNI-112-114	1.1/2"	1.1/4"

Backnuts



Female, BSPP

1050	Thread
BNI-12	1/2"
BNI-12	1"
BNI-114	1.1/4"

Valve End



Female, BSPP

1050	Thread
TVI-2	2"

Valves



Standard Plain

Single Union Ball Valve, EPDM Seals

0118	Nominal Bore ID
BVSU-34	3/4"
BVSU-1	1"
BVSU-114	1.1/4"
BVSU-112	1.1/2"



Standard Lever Operated

Butterfly Valve, EPDM Liner

0118	Nominal Bore ID
BVBS-6	6"

Pipe Clips



Black PP Pipe Clips

1050	Nominal Bore ID	Type
IPPCLIP-12	1/2"	1
IPPCLIP-34	3/4"	1
IPPCLIP-1	1"	1
IPPCLIP-114	1.1/4"	2
IPPCLIP-112	1.1/2"	2
IPPCLIP-2	2"	2
IPPCLIP-212	2.1/2"	2
IPPCLIP-3	3"	2
IPPCLIP-4	4"	2
IPPCLIP-5	5"	3

Spacing Blocks



Black PP Spacing Block

1050	Nominal Bore ID
IPPSB-1	1" - 32mm
IPPSB-112	1.1/2" - 50mm
IPPSB-2	2" - 63mm

UPVC IMPERIAL PIPE SYSTEM



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Working Temperature:
0°C to 60°C



Maximum Working Pressure:
15 bar
(8" with reduced safety factor)

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Sockets & Reducing Bushes



Equal Socket

1050	Nominal Bore ID
S013-12-ABS	1/2"
S013-34-ABS	3/4"
S013-1-ABS	1"
S013-114-ABS	1.1/4"
S013-112-ABS	1.1/2"
S013-2-ABS	2"
S013-212-ABS	2.1/2"
S013-3-ABS	3"
S013-4-ABS	4"
Tech Sheet 10255	



Plain x Threaded Male, BSPT

1050	Nominal Bore ID	Nominal Bore ID
RS13-3412-ABS	3/4"	1/2"
RS13-134-ABS	1"	3/4"
RS13-1141-ABS	1.1/4"	1"
RS13-112114-ABS	1.1/2"	1.1/4"
RS13-2112-ABS	2"	1.1/2"
RS13-3212-ABS	3"	2.1/2"
RS13-43-ABS	4"	3"
Tech Sheet 10255		



Reducing Bush

1050	Nominal Bore ID	Nominal Bore ID
RB93-3412-ABS	3/4"	1/2"
RB93-112-ABS	1"	1/2"
RB93-134-ABS	1"	3/4"
RB93-11412-ABS	1.1/4"	1/2"
RB93-11434-ABS	1.1/4"	3/4"
RB93-1141-ABS	1.1/4"	1"
RB93-11234-ABS	1.1/2"	3/4"
RB93-1121-ABS	1.1/2"	1"
RB93-112114-ABS	1.1/2"	1.1/4"
RB93-21-ABS	2"	1"
RB93-2114-ABS	2"	1.1/4"
RB93-2112-ABS	2"	1.1/2"
RB93-2122-ABS	2.1/2"	2"
RB93-3112-ABS	3"	1.1/2"
RB93-32-ABS	3"	2"
RB93-3212-ABS	3"	2.1/2"
RB93-42-ABS	4"	2"
RB93-4212-ABS	4"	2.1/2"
RB93-43-ABS	4"	3"
RB93-54-ABS	5"	4"
Tech Sheet 10255		

Tube O.D. - Size Conversion Table

Nominal Bore	Outside Diameter
3/8"	17.1mm
1/2"	21.3mm
3/4"	26.7mm
1"	33.4mm
1.1/4"	42.2mm
1.1/2"	48.3mm
2"	60.3mm
2.1/2"	75mm
3"	88.9mm
4"	114.3mm
5"	140mm
6"	168.3mm
8"	219.1mm

Equal Barrel Nipples



Male, BSPT

1050	Thread
BN11-12-ABS	1/2"
BN11-34-ABS	3/4"
BN11-1-ABS	1"
BN11-114-ABS	1.1/4"
BN11-112-ABS	1.1/2"
BN11-2-ABS	2"
BN11-212-ABS	2.1/2"
BN11-3-ABS	3"
BN11-4-ABS	4"
Tech Sheet 10255	



Stem Nipple, BSPT

1050	Thread	Nominal Bore ID	Length mm
BN12-12-ABS	1/2"	1/2"	50
BN12-34-ABS	3/4"	3/4"	56
BN12-1-ABS	1"	1"	63
BN12-114-ABS	1.1/4"	1.1/4"	75
BN12-112-ABS	1.1/2"	1.1/2"	88
BN12-2-ABS	2"	2"	88
BN12-212-ABS	2.1/2"	2.1/2"	106
BN12-3-ABS	3"	3"	128
BN12-4-ABS	4"	4"	153
Tech Sheet 10255			

Ring Main



INDUSTRIAL

UPVC IMPERIAL PIPE SYSTEM



Working Temperature:
0°C to 60°C



Maximum Working Pressure:
15 bar
(8" with reduced safety factor)

For Air Ring Mains use ABS. UPVC is not suitable for use with compressed air.

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Elbows & Bends



Equal 90° Elbow

1050	Nominal Bore ID
EL53-12-ABS	1/2"
EL53-34-ABS	3/4"
EL53-1-ABS	1"
EL53-114-ABS	1.1/4"
EL53-112-ABS	1.1/2"
EL53-2-ABS	2"
EL53-212-ABS	2.1/2"
EL53-3-ABS	3"
EL53-4-ABS	4"
EL53-5-ABS	5"
EL53-6-ABS	6"
Tech Sheet 10255	



Equal 90° Bend, Short Radius

1050	Nominal Bore ID
BE33-12-ABS	1/2"
BE33-34-ABS	3/4"
BE33-1-ABS	1"
BE33-114-ABS	1.1/4"
BE33-112-ABS	1.1/2"
BE33-2-ABS	2"
BE33-212-ABS	2.1/2"
BE33-3-ABS	3"
BE33-4-ABS	4"
Tech Sheet 10255	



Equal 45° Elbow

1050	Nominal Bore ID
EY53-12-ABS	1/2"
EY53-34-ABS	3/4"
EY53-1-ABS	1"
EY53-114-ABS	1.1/4"
EY53-112-ABS	1.1/2"
EY53-2-ABS	2"
EY53-212-ABS	2.1/2"
EY53-3-ABS	3"
EY53-4-ABS	4"
EY53-6-ABS	6"
Tech Sheet 10255	

Tees



45° Tee

1050	Nominal Bore ID
TY43-12-ABS	1/2"
TY43-34-ABS	3/4"
TY43-1-ABS	1"
TY43-114-ABS	1.1/4"
TY43-2-ABS	2"
Tech Sheet 10255	



Equal Tee

1050	Nominal Bore ID
TE43-12-ABS	1/2"
TE43-34-ABS	3/4"
TE43-1-ABS	1"
TE43-112-ABS	1.1/2"
TE43-114-ABS	1.1/4"
TE43-2-ABS	2"
TE43-212-ABS	2.1/2"
TE43-3-ABS	3"
TE43-4-ABS	4"
TE43-5-ABS	5"
TE43-6-ABS	6"
Tech Sheet 10255	

Crosses



Equal Cross

1050	Nominal Bore ID
CR33-12-ABS	1/2"
CR33-34-ABS	3/4"
CR33-1-ABS	1"
CR33-114-ABS	1.1/4"
CR33-2-ABS	2"
Tech Sheet 10255	

Caps



Plain

1050	Nominal Bore ID
CA73-12-ABS	1/2"
CA73-34-ABS	3/4"
CA73-1-ABS	1"
CA73-114-ABS	1.1/4"
CA73-112-ABS	1.1/2"
CA73-2-ABS	2"
CA73-212-ABS	2.1/2"
CA73-3-ABS	3"
CA73-4-ABS	4"
Tech Sheet 10255	

Unions



Equal Union

1050	Nominal Bore ID
UN83-12-ABS	1/2"
UN83-34-ABS	3/4"
UN83-1-ABS	1"
UN83-114-ABS	1.1/4"
UN83-112-ABS	1.1/2"
UN83-2-ABS	2"
UN83-212-ABS	2.1/2"
UN83-3-ABS	3"
UN83-4-ABS	4"
Tech Sheet 10255	

Tank Connectors



Plain x Female, BSPP

1050	Nominal Bore ID	Thread
TC93-12-ABS	1/2"	1/2"
TC93-34-ABS	3/4"	3/4"
TC93-1-ABS	1"	1"
TC93-114-ABS	1.1/4"	1.1/4"
TC93-112-ABS	1.1/2"	1.1/2"
TC93-2-ABS	2"	2"
TC93-212-ABS	2.1/2"	2.1/2"
TC93-3-ABS	3"	3"
TC93-4-ABS	4"	4"
Tech Sheet 10255		

UPVC IMPERIAL PIPE SYSTEM



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Working Temperature:
0°C to 60°C



Maximum Working Pressure:
15 bar
(8" with reduced safety factor)

For Air Ring Mains use ABS. UPVC is not suitable for use with compressed air.

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Threaded Sockets & Adaptors



Plain x Threaded Female Socket, BSPP

1050	Nominal Bore ID	Thread
PTS-12-ABS	1/2"	1/2"
PTS-1-ABS	1"	1"
PTS-112-ABS	1.1/2"	1.1/2"
PTS-2-ABS	2"	2"
PTS-212-ABS	2.1/2"	2.1/2"
PTS-3-ABS	3"	3"
PTS-4-ABS	4"	4"



Plain x Threaded Male Adaptor, BSPP

1050	Nominal Bore ID	Spigot	BSPP Male
MFA1-34-ABS	3/4"	1"	3/4"
MFA1-1-ABS	1"	1.1/4"	1"
MFA1-114-ABS	1.1/4"	1.1/2"	1.1/4"
MFA1-112-ABS	1.1/2"	2"	1.1/2"
MFA1-2-ABS	2"	2.1/2"	2"
MFA1-3-ABS	3"	4"	3"



Plain x Threaded Female Adaptor, BSPP

1050	Nominal Bore ID	Thread
MFA2-12-ABS	1/2"	1/2"
MFA2-34-ABS	3/4"	3/4"
MFA2-1-ABS	1"	1"
MFA2-2-ABS	2"	2"
MFA2-3-ABS	3"	3"

Hose Connections



Male, BSPP x Hose Tail

1050	Thread	Hose ID mm
MHA-34-ABS	3/4"	25



Female, BSPP x Hose Tail

1050	Thread	Hose ID mm
FHA-1-ABS	1"	20

Reducing Bushes



Plain x Threaded Female, BSPP

1050	Nominal Bore ID	Female BSPP
FRB-12-ABS	1/2"	3/8"
FRB-34-ABS	3/4"	1/2"

Unions



Plain x Brass Composite Male Threaded Union, BSPP

1050	Nominal Bore ID	Thread
MBU-1-ABS	1"	1"
MBU-112-ABS	1.1/2"	1.1/2"



Plain x Brass Composite Female Threaded Union, BSPP

1050	Nominal Bore ID	Thread
FBU-12-ABS	1/2"	1/2"
FBU-34-ABS	3/4"	3/4"
FBU-1-ABS	1"	1"
FBU-114-ABS	1.1/4"	1.1/4"
FBU-112-ABS	1.1/2"	1.1/2"
FBU-2-ABS	2"	2"

Ring Main

INDUSTRIAL

UPVC IMPERIAL PIPE SYSTEM



Working Temperature:
0°C to 60°C



Maximum Working Pressure:
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Flanges



Stub Flange, Serrated Face

1050	Nominal Bore
ST23-12-ABS	1/2"
ST23-34-ABS	3/4"
ST23-1-ABS	1"
ST23-112-ABS	1.1/2"
ST23-2-ABS	2"
ST23-212-ABS	2.1/2"
ST23-3-ABS	3"
ST23-4-ABS	4"
ST23-5-ABS	5"
ST23-6-ABS	6"

Tech Sheet 10255



Full Face Table E

1050	Nominal Bore
FF30-12-ABS	1/2"
FF30-34-ABS	3/4"
FF30-1-ABS	1"
FF30-114-ABS	1.1/4"
FF30-112-ABS	1.1/2"
FF30-2-ABS	2"
FF30-3-ABS	3"
FF30-4-ABS	4"

Tech Sheet 10255



ABS Plain Full Face Flange NP10/16

1050	Tube NB
FF31-2-ABS	2"



BS4504, PN16 Flange Gasket

1050	Size
SF16-12	1/2"
SF16-34	3/4"
SF16-1	1"
SF16-114	1.1/4"
SF16-112	1.1/2"
SF16-2	2"
SF16-3	3"
SF16-4	4"
SF16-6	6"

Tech Sheet 10255



BS10, Table E Flange Gasket

1050	Size
SF10-12	1/2"
SF10-34	3/4"
SF10-1	1"
SF10-114	1.1/4"
SF10-112	1.1/2"
SF10-2	2"
SF10-3	3"
SF10-4	4"
SF10-6	6"

Tech Sheet 10255



ABS Blank Flange NP10/16

1050	Tube NB
BF10-212-ABS	2.1/2"



PN16 Galvanised Backing Ring

1050	Size
GB16-12	1/2"
GB16-34	3/4"
GB16-1	1"
GB16-114	1.1/4"
GB16-112	1.1/2"
GB16-2	2"
GB16-212	2.1/2"
GB16-3	3"
GB16-4	4"
GB16-5	5"
GB16-6	6"
GB16-8	8"

Tech Sheet 10255



Stub Flange Gasket, EPDM

1050	Size
SG50-12-ABS	1/2"
SG50-34-ABS	3/4"
SG50-1-ABS	1"
SG50-114-ABS	1.1/4"
SG50-112-ABS	1.1/2"
SG50-2-ABS	2"
SG50-212-ABS	2.1/2"
SG50-3-ABS	3"
SG50-4-ABS	4"
SG50-5-ABS	5"

Tech Sheet 10255

UPVC IMPERIAL PIPE SYSTEM



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Working Temperature:
0°C to 60°C



Maximum Working Pressure:
15 bar
(8" with reduced safety factor)

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Valves



Industrial Double Union Ball Valve, EPDM Seals

0118	Nominal Bore ID
BV113-12-ABS	1/2"
BV113-34-ABS	3/4"
BV113-1-ABS	1"
BV113-114-ABS	1.1/4"
BV113-112-ABS	1.1/2"
BV113-2-ABS	2"
BV113-212-ABS	2.1/2"
BV113-3-ABS	3"
BV113-4-ABS	4"
Tech Sheet 10255	



Standard Double Union Ball Valve, EPDM Seals

0105	Tube NB
BVDUS-12	1/2"
BVDUS-34	3/4"
BVDUS-1	1"
BVDUS-114	1.1/4"
BVDUS-112	1.1/2"
BVDUS-2	2"
BVDUS-212	2.1/2"
BVDUS-3	3"



Industrial Check Valve, EPDM Seals

0118	Nominal Bore ID
CVD13-12-ABS	1/2"
CVD13-34-ABS	3/4"
CVD13-1-ABS	1"
CVD13-114-ABS	1.1/4"
CVD13-112-ABS	1.1/2"
CVD13-2-ABS	2"
Tech Sheet 10255	

Solvent Cement



ABS

1050	Millilitres
ABS	500
Tech Sheet 875	

Cleaning Fluid



500ml

1050	Millilitres
MEK-TIN	500
Tech Sheet 877	

ABS Tubing

Note: 6 metre length tube is available on a 3 to 5 working day delivery service. Specified delivery dates and times can not be guaranteed. Carriage is charged as an extra based on weight and delivery service required. Please speak to our sales department for further details. Delivery of 3 metre lengths may take up to 48 hours.



Class C, 9 bar, 3 Metre Lengths

0118	Nominal Bore
ABS/CTUBE-3-1	1"
ABS/CTUBE-3-114	1.1/4"
ABS/CTUBE-3-112	1.1/2"
ABS/CTUBE-3-2	2"
ABS/CTUBE-3-212	2.1/2"
ABS/CTUBE-3-3	3"
ABS/CTUBE-3-4	4"
ABS/CTUBE-3-5	5"
ABS/CTUBE-3-6	6"
ABS/CTUBE-3-8	8"
Tech Sheet 10255	

Class C, 9 bar, 6 Metre Lengths

0118	Nominal Bore
ABS/CTUBE-6-1	1"
ABS/CTUBE-6-114	1.1/4"
ABS/CTUBE-6-112	1.1/2"
ABS/CTUBE-6-2	2"
ABS/CTUBE-6-212	2.1/2"
ABS/CTUBE-6-3	3"
ABS/CTUBE-6-4	4"
Tech Sheet 10255	

Class E, 15 bar, 3 Metre Lengths

0118	Nominal Bore
ABS/ETUBE-3-12	1/2"
ABS/ETUBE-3-34	3/4"
ABS/ETUBE-3-1	1"
ABS/ETUBE-3-114	1.1/4"
ABS/ETUBE-3-112	1.1/2"
ABS/ETUBE-3-2	2"
ABS/ETUBE-3-3	3"
ABS/ETUBE-3-4	4"
Tech Sheet 10255	

Class E, 15 bar, 6 Metre Lengths

0118	Nominal Bore
ABS/ETUBE-6-12	1/2"
ABS/ETUBE-6-34	3/4"
ABS/ETUBE-6-1	1"
ABS/ETUBE-6-114	1.1/4"
ABS/ETUBE-6-112	1.1/2"
ABS/ETUBE-6-2	2"
ABS/ETUBE-6-3	3"
Tech Sheet 10255	

Ring Main



INDUSTRIAL

Double Socket



Female, BSPP

1050	Thread
PVS12	1/2"
PVS34	3/4"
PVS1	1"
PVS114	1.1/4"
PVS112	1.1/2"
PVS2	2"

Reducing Socket



Female, BSPP

1050	Thread	Thread
PVRS12-38	1/2"	3/8"
PVRS34-12	3/4"	1/2"
PVRS1-34	1"	3/4"
PVRS114-1	1.1/4"	1"
PVRS112-114	1.1/2"	1.1/4"
PVRS2-112	2"	1.1/2"
PVRS212-2	2.1/2"	2"
PVRS3-212	3"	2.1/2"
PVRS4-3	4"	3"

Enlarging Piece



Male x Female, BSPP

1050	Male Thread	Female Thread
PVEN38-12	3/8"	1/2"
PVEN12-34	1/2"	3/4"
PVEN34-1	3/4"	1"
PVEN1-114	1"	1.1/4"
PVEN114-112	1.1/4"	1.1/2"
PVEN112-2	1.1/2"	2"
PVEN2-212	2"	2.1/2"
PVEN212-3	2.1/2"	3"
PVEN3-4	3"	4"

Reducing Male x Female



Male x Female, BSPP

1050	Male Thread	Female Thread
PVR12-38	1/2"	3/8"
PVR34-38	3/4"	3/8"
PVR34-12	3/4"	1/2"
PVR1-38	1"	3/8"
PVR1-12	1"	1/2"
PVR1-34	1"	3/4"
PVR114-12	1.1/4"	1/2"
PVR114-34	1.1/4"	3/4"
PVR114-1	1.1/4"	1"
PVR112-34	1.1/2"	3/4"
PVR112-1	1.1/2"	1"
PVR2-1	2"	1"
PVR2-114	2"	1.1/4"
PVR2-112	2"	1.1/2"
PVR212-112	2.1/2"	1.1/2"
PVR212-2	2.1/2"	2"
PVR3-112	3"	1.1/2"
PVR3-2	3"	2"
PVR3-212	3"	2.1/2"
PVR4-2	4"	2"
PVR4-212	4"	2.1/2"
PVR4-3	4"	3"

Reducing Bush Male x Female



Male x Female, BSPP

1050	Male Thread	Female Thread
PVRB34-12	3/4"	1/2"
PVRB1-34	1"	3/4"
PVRB114-1	1.1/4"	1"
PVRB112-114	1.1/2"	1.1/4"
PVRB2-112	2"	1.1/2"
PVRB212-2	2.1/2"	2"
PVRB3-212	3"	2.1/2"
PVRB4-3	4"	3"

Nipple



Male, BSPP

1050	Thread
PVN38	3/8"
PVN12	1/2"
PVN34	3/4"
PVN1	1"
PVN114	1.1/4"
PVN112	1.1/2"
PVN2	2"
PVN212	2.1/2"
PVN4	4"

Reducing Nipple



Male, BSPP

1050	Thread	Thread
PVRN34-12	3/4"	1/2"
PVRN1-34	1"	3/4"
PVRN114-1	1.1/4"	1"
PVRN112-114	1.1/2"	1.1/4"
PVRN212-2	2.1/2"	2"
PVRN3-212	3"	2.1/2"
PVRN4-3	4"	3"



UPVC THREADED FITTINGS

Elbow 90°



Female, BSPP

1050	Thread
PVE12	1/2"
PVE34	3/4"
PVE1	1"
PVE114	1.1/4"
PVE112	1.1/2"
PVE2	2"
PVE212	2.1/2"
PVE3	3"

Elbow 45°



Female, BSPP

1050	Thread
PVE45-38	3/8"
PVE45-12	1/2"
PVE45-34	3/4"
PVE45-1	1"
PVE45-114	1.1/4"
PVE45-112	1.1/2"
PVE45-2	2"
PVE45-212	2.1/2"
PVE45-3	3"
PVE45-4	4"

Tee 90°



Female, BSPP

1050	Thread
PVT38	3/8"
PVT12	1/2"
PVT34	3/4"
PVT1	1"
PVT114	1.1/4"
PVT112	1.1/2"
PVT2	2"
PVT3	3"
PVT4	4"

Union



Female, BSPP

1050	Thread
PVU38	3/8"
PVU12	1/2"
PVU34	3/4"
PVU1	1"
PVU114	1.1/4"
PVU112	1.1/2"
PVU2	2"
PVU212	2.1/2"
PVU3	3"
PVU4	4"

Cap



Female, BSPP

1050	Thread
PVC38	3/8"
PVC12	1/2"
PVC34	3/4"
PVC1	1"
PVC114	1.1/4"
PVC112	1.1/2"
PVC2	2"
PVC212	2.1/2"
PVC3	3"
PVC4	4"

Plug



Male, BSPP

1050	Thread
PVP38	3/8"
PVP12	1/2"
PVP34	3/4"
PVP1	1"
PVP112	1.1/2"
PVP2	2"
PVP212	2.1/2"
PVP3	3"
PVP4	4"

Locknuts



Female, BSPP

1050	Thread
PVLN38	3/8"
PVLN12	1/2"
PVLN34	3/4"
PVLN1	1"
PVLN114	1.1/4"
PVLN112	1.1/2"
PVLN2	2"
PVLN212	2.1/2"
PVLN3	3"
PVLN4	4"



NIROSAN® STAINLESS STEEL PRESS FIT PIPING SYSTEM

stainless
steel

SANHA®



NiroSan® press system fittings and NiroSan® system pipes in stainless steel with tool compatibility, leak path feature and 'push and stay' function.

Stainless steel systems from SANHA® can be used universally. The various NiroSan® pipes and NiroSan® press system fittings can be combined with each other, making them particularly user friendly.

Features

- Pressable with V, M and SA profiles
- Suitable for a very broad range of applications
- Long service life of fittings and EPDM sealing rings
- Inseparable, pressure-formed connection
- WRAS tested and certified
- All fittings and tube are manufactured from 316 L grade stainless steel

Working Temperature:
-30°C to +120°C

Maximum Working Pressures:
Water: 22mm: 40 bar, 28-35mm: 25 bar,
42-54mm: 16 bar
Flammable Gases: 5 bar
Non-flammable/Toxic Gases: 16 bar

Press fittings suitable for both gas and industrial oil applications are available on request.

Series 9000, Straights

Female x Male Plain End, Reducer



0473	ID mm	OD mm
692432215	22	15
692432815	28	15
692432822	28	22
692433522	35	22
692433528	35	28
692434228	42	28
692434235	42	35
692435428	54	28
692435435	54	35
692435442	54	42

Tech Sheet 60369

Male Plain End x Male Threaded, BSPT



0473	OD mm	Thread
69280G1512	15	1/2"
69280G2212	22	1/2"
69280G2234	22	3/4"
69280G281	28	1"

Tech Sheet 60369

Coupling



0473	ID mm
6927015	15
6927022	22
6927028	28
6927035	35
6927042	42
6927054	54

Tech Sheet 60369

Female x Male Threaded, BSPT



0473	ID mm	Thread
69243G1512	15	1/2"
69243G1534	15	3/4"
69243G221	22	1"
69243G2212	22	1/2"
69243G2234	22	3/4"
69243G281	28	1"
69243G2834	28	3/4"
69243G351	35	1"
69243G35114	35	1.1/4"
69243G42112	42	1.1/2"
69243G542	54	2"

Tech Sheet 60369

Slip Coupling



0473	ID mm
69270S15	15
69270S22	22
69270S28	28
69270S35	35
69270S42	42
69270S54	54

Tech Sheet 60369

Female End x Female Threaded, BSPT



0473	ID mm	Thread
69270G1512	15	1/2"
69270G2212	22	1/2"
69270G2234	22	3/4"
69270G281	28	1"
69270G2834	28	3/4"
69270G35114	35	1.1/4"
69270G42112	42	1.1/2"
69270G542	54	2"

Tech Sheet 60369

Male Plain End x Female Threaded, BSPT



0473	ID mm	Thread
69246G1512	15	1/2"
69246G2212	22	1/2"
69246G2234	22	3/4"
69246G2834	28	3/4"

Tech Sheet 60369

Female End x Female Threaded, with Flat Centellen Seal, BSPP



0473	ID mm	Thread
69359M1512	15	1/2"
69359M1534	25	3/4"
69359M221	22	1"
69359M28114	28	1.1/4"
69359M35112	35	1.1/2"
69359M42134	42	1.3/4"

Tech Sheet 60369

Series 9000, End Caps



Female

0473	ID mm
6930115	15
6930122	22
6930128	28
6930135	35

Tech Sheet 60369

Series 9000, Tube



6 Metre Lengths

0473	ID mm
6960015	15
6960022	22
6960028	28
6960035	35
6960042	42
6960054	54

Tech Sheet 60369

NIROSAN® STAINLESS STEEL PRESS FIT PIPING SYSTEM

stainless
steel

SANHA®



Series 9000, 45° Elbows



Female x Male Plain End

0473	ID mm	OD mm
6904015	15	15
6904022	22	22
6904028	28	28
6904035	35	35
6904042	42	42
6904054	54	54
Tech Sheet 60369		



Female x Female

0473	ID mm
6904115	15
6904122	22
6904128	28
6904135	35
6904142	42
6904154	54
Tech Sheet 60369	

Series 9000, Tees



Equal

0473	ID mm
6913015	15
6913022	22
6913028	28
6913035	35
6913042	42
6913054	54
Tech Sheet 60369	



Reducing

0473	ID mm	ID mm
69130221522	22	15
69130281528	28	15
69130282228	28	22
69130352235	35	22
69130352835	35	28
69130422242	42	22
69130422842	42	28
69130423542	42	35
69130542254	54	22
69130542854	54	28
69130543554	54	35
69130544254	54	42
Tech Sheet 60369		



Female Threaded Centre Leg, BSPT

0473	ID mm	Thread
69130G151215	15	1/2"
69130G221222	22	1/2"
69130G223422	22	3/4"
69130G281228	28	1/2"
69130G283428	28	3/4"
69130G351235	35	1/2"
69130G353435	35	3/4"
69130G421242	42	1/2"
69130G541254	54	1/2"
Tech Sheet 60369		

Ring Main



INDUSTRIAL



NIROSAN® STAINLESS STEEL PRESS FIT PIPING SYSTEM

stainless
steel

SANHA®



Series 9000, 90° Elbows



Female x Male Plain End

0473	ID mm	OD mm
69001A15	15	15
69001A22	22	22
69001A28	28	28
69001A35	35	35
69001A42	42	42
69001A54	54	54

Tech Sheet 60369



Female x Male Plain End, Long

0473	ID mm	OD mm
69001L15	15	15
69001L22	22	22
69001L28	28	28
69001L35	35	35
69001L42	42	42
69001L54	54	54

Tech Sheet 60369



Equal Female

0473	ID mm
69002A15	15
69002A22	22
69002A28	28
69002A35	35
69002A42	42
69002A54	54

Tech Sheet 60369



Female x Male Thread, BSPT

0473	ID mm	Thread
69002AG1512	15	1/2"
69002AG2234	22	3/4"

Tech Sheet 60369



Female x Female Thread, BSPT

0473	ID mm	Thread
69002G1512	15	1/2"
69002G2234	22	3/4"

Tech Sheet 60369



Compact, Female x Female Thread, BSPT

0473	ID mm	Thread
69090IG1512	15	1/2"
69090IG2234	22	3/4"

Tech Sheet 60369



Compact, Female x Male Thread, BSPT

0473	ID mm	Thread
69092AG1512	15	1/2"
69092AG2234	22	3/4"
69092AG281	28	1"

Tech Sheet 60369

Press fittings suitable for both gas and industrial oil applications are available on request.





PP Polypropylene Fittings

20mm-63mm = PN16 75mm-110mm = PN12

PP Male Threaded Adaptor



1350	To Suit OD mm	Thread
2651118	20	1/2"
2651120	20	3/4"
2651117	20	1"
2651121	25	1/2"
2651122	25	3/4"
2651124	25	1"
2651126	32	1/2"
2651127	32	3/4"
2651128	32	1"
2651130	32	1.1/4"
2651131	40	3/4"
2651132	40	1"
2651133	40	1.1/4"
2651134	40	1.1/2"
2651135	50	1.1/4"
2651136	50	1.1/2"
2651137	50	2"
2651138	63	1.1/2"
2651139	63	2"
2640310	75	2"
2640311	75	2.1/2"
2640312	90	3"
2640313	110	PN12.5

PP Male Threaded Adaptor with Brass Insert



1350	To Suit OD mm	Thread
2651119	20	1/2"
2651123	25	3/4"
2651125	25	1"
2651129	32	1"

PP Female Threaded Adaptor



1350	To Suit OD mm	Thread
2651018	20	1/2"
2651020	20	3/4"
2651022	25	1/2"
2651025	25	3/4"
2651028	25	1"
2651030	32	3/4"
2651033	32	1"
2651035	32	1.1/4"
2651037	40	1"
2651039	40	1.1/4"
2651041	40	1.1/2"
2651043	50	1.1/2"
2651045	50	2"
2651047	63	1.1/2"
2651049	63	2"
2640291	75	2"
2640293	75	2.1/2"
2640295	90	3"
2640297	110	4"

PP Female Threaded Adaptor with Brass Insert



1350	To Suit OD mm	Thread
2651017	20	1/2"
2651024	25	3/4"
2651027	25	1"
2651032	32	1"

PP Male Threaded Tee



1350	To Suit OD mm	Thread
2651154	20	1/2"
2651155	20	3/4"
2651156	25	1/2"
2651157	25	3/4"
2651158	25	1"
2651159	32	3/4"
2651160	32	1"
2651161	40	1"
2651162	40	1.1/4"
2651163	50	1.1/4"
2651164	50	1.1/2"
2651165	63	2"
2640318	75	2"
2640319	75	2.1/2"
2640320	90	3"
2640321	110	4"

PP Female Threaded Tee



1350	To Suit OD mm	Thread
2651088	20	1/2"
2651090	20	3/4"
2651092	25	1/2"
2651094	25	3/4"
2651096	25	1"
2651098	32	3/4"
2651100	32	1"
2651102	32	1.1/4"
2651104	40	1"
2651106	40	1.1/4"
2651108	40	1.1/2"
2651110	50	1.1/2"
2651112	50	2"
2651114	63	1.1/2"
2651116	63	2"
2640305	75	2.1/2"
2640307	90	3"
2640309	110	4"

PP 90° Male Threaded Elbow



1350	To Suit OD mm	Thread
2651140	20	1/2"
2651141	20	3/4"
2651142	25	1/2"
2651143	25	3/4"
2651144	25	1"
2651146	32	1"
2651147	40	1"
2651148	40	1.1/4"
2651149	40	1.1/2"
2651150	50	1.1/4"
2651151	50	1.1/2"
2651152	63	2"
2651153	63	2"
2640316	90	3"

PP 90° Female Threaded Elbow



1350	To Suit OD mm	Thread
2651051	20	1/2"
2651054	20	3/4"
2651056	25	1/2"
2651059	25	3/4"
2651061	25	1"
2651063	32	1/2"
2651065	32	3/4"
2651068	32	1"
2651070	32	1.1/4"
2651072	40	1"
2651074	40	1.1/4"
2651076	40	1.1/2"
2651078	50	1.1/4"
2651080	50	1.1/2"
2651082	50	2"
2651084	63	1.1/2"
2651086	63	2"
2640301	90	3"
2640303	110	4"

PP 90° Female Threaded Elbow with Brass Insert

1350	To Suit OD mm	Thread
2651053	20	3/4"
2651058	25	3/4"
2651067	32	1"



PP Polypropylene Fittings

20mm-63mm = PN16 75mm-110mm = PN12



PP Pop Up Female Threaded Equal Bend

1350	To Suit OD mm	Thread
2030181	20 x 20	1/2"
2030182	25 x 25	1/2"
2030183	32 x 32	3/4"



PP Wall Pattern Female Threaded Elbow

1350	To Suit OD mm	Thread
2030360	25mm x BSPP Female	3/4"



PP Straight Coupler

1350	To Suit OD mm
2651191	20
2651192	25
2651193	32
2651194	40
2651195	50
2651196	63
2640334	75
2640335	90
2640336	110



PP Reducer Coupler

1350	To Suit OD mm
2651166	25 x 20
2651167	32 x 20
2651168	32 x 25
2651169	40 x 20
2651170	40 x 25
2651171	40 x 32
2651172	50 x 20
2651173	50 x 25
2651175	50 x 40
2651176	63 x 25
2651177	63 x 32
2651178	63 x 40
2651179	63 x 50
2640324	75 x 63
2640325	90 x 63
2640326	90 x 75
2640327	110 x 90



PP Equal Bend

1350	To Suit OD mm
2650998	20
2650999	25
2651000	32
2651001	40
2651002	50
2651003	63
2640281	75
2640282	90
2640283	110



PP Equal Tee

1350	To Suit OD mm
2651010	20
2651011	25
2651012	32
2651013	40
2651014	50
2651015	63
2640287	75
2640288	90
2640289	110



PP Reducing Tee

1350	To Suit OD mm
2651180	25 x 20
2651181	32 x 20
2651182	32 x 25
2651183	40 x 25
2651184	40 x 32
2651185	50 x 25
2651186	50 x 32
2651187	50 x 40
2651188	63 x 32
2651189	63 x 40
2651190	63 x 50



PP End Cap

1350	To Suit OD mm
2651004	20
2651005	25
2651006	32
2651007	40
2651008	50
2651009	63
2640284	75
2640285	90
2640286	110



PP Flange Adaptor

1350	Size mm
2600004	63 x 50DN
2600005	90 x 80DN
2600006	110 x 100DN



COMPRESSION FITTINGS FOR POLYETHYLENE PIPE

Applications:

- Drinkable water systems
- Irrigation systems
- Fertilizing irrigation systems
- Wine, beer, beverages and other alimentary fluids
- Industrial equipment for acid bases and salts
- Swimming pools with fresh or sea water
- Ship Installations

Materials:

- Body and nut: polypropylene
- O-ring: nitrile
- Clenching ring: polyacetal resin
- Metal reinforcements: stainless steel



Maximum Working Temperature:
+80°C



Maximum Working Pressure:
16 bar, atmospheric at 20°C up to 63mm bore
10 bar, atmospheric at 20°C from 75mm bore

NOTE: Materials fully conform with the international specification relating to Hygiene and Sanitary Requirements for the Transport of Potable Water and Alimentary Fluids.

Straight Connector



Tube x Tube

0116	OD mm
PE-701.016	16
PE-701.020	20
PE-701.025	25
PE-701.032	32
PE-701.040	40
PE-701.050	50
PE-701.063	63
PE-701.075	75
PE-701.090	90
PE-701.110	110

Reducing Coupling



Tube x Tube

0116	OD mm	OD mm
PE-702.020	20	16
PE-702.025	25	20
PE-702.031	32	20
PE-702.032	32	25
PE-702.040	40	32
PE-702.049	50	32
PE-702.050	50	40
PE-702.063	63	50

End Plug



Tube

0116	OD mm
PE-705.016	16
PE-705.020	20
PE-705.025	25
PE-705.032	32
PE-705.050	50
PE-705.063	63

Female Adaptor



BSPT

0116	OD mm	Thread
PE-703.016	16	1/2"
PE-703.020	20	1/2"
PE-703.022	20	3/4"
PE-703.024	25	1/2"
PE-703.025	25	3/4"
PE-703.027	25	1"
PE-703.031	32	3/4"
PE-703.032	32	1"
PE-703.039	40	1"
PE-703.040	40	1.1/4"
PE-703.050	50	1.1/2"
PE-703.063	63	2"
PE-703.075	75	2.1/2"
PE-703.090	90	3"
PE-703.110	110	4"

Male Adaptor



BSPT

0116	OD mm	Thread
PE-704.016	16	1/2"
PE-704.020	20	1/2"
PE-704.021	20	3/4"
PE-704.024	25	1/2"
PE-704.025	25	3/4"
PE-704.026	25	1"
PE-704.031	32	3/4"
PE-704.032	32	1"
PE-704.033	32	1.1/4"
PE-704.039	40	1"
PE-704.040	40	1.1/4"
PE-704.041	40	1.1/2"
PE-704.049	50	1.1/4"
PE-704.050	50	1.1/2"
PE-704.051	50	2"
PE-704.063	63	2"
PE-704.074	75	2"
PE-704.075	75	2.1/2"
PE-704.090	90	3"

90° Equal Elbows



Tube x Tube

0116	OD mm
PE-706.016	16
PE-706.020	20
PE-706.025	25
PE-706.032	32
PE-706.040	40
PE-706.050	50
PE-706.063	63
PE-706.090	90



Male, BSPT

0116	OD mm	Thread
PE-707.020	20	1/2"
PE-707.024	25	1/2"
PE-707.025	25	3/4"
PE-707.031	32	3/4"
PE-707.032	32	1"
PE-707.050	50	1.1/2"
PE-707.063	63	2"



Female, BSPT

0116	OD mm	Thread
PE-708.016	16	1/2"
PE-708.020	20	1/2"
PE-708.024	25	1/2"
PE-708.025	25	3/4"
PE-708.031	32	3/4"
PE-708.032	32	1"
PE-708.040	40	1.1/4"
PE-708.050	50	1.1/2"
PE-708.063	63	2"





COMPRESSION FITTINGS FOR POLYETHYLENE PIPE



90° Equal Tee



Tube x Tube

0116	OD mm
PE-709.016	16
PE-709.020	20
PE-709.025	25
PE-709.032	32
PE-709.040	40
PE-709.050	50
PE-709.063	63
PE-709.075	75



Male, BSPT

0116	OD mm	Thread
PE-711.020	20	1/2"
PE-711.025	25	3/4"
PE-711.032	32	1"
PE-711.050	50	1.1/2"
PE-711.063	63	2"



Female, BSPP

0116	OD mm	Thread
PE-710.016	16	1/2"
PE-710.020	20	1/2"
PE-710.024	25	1/2"
PE-710.025	25	3/4"
PE-710.031	32	3/4"
PE-710.032	32	1"
PE-710.040	40	1.1/4"
PE-710.050	50	1.1/2"
PE-710.063	63	2"
PE-710.090	90	3"

Wall Support Bracket



BSPP

0116	OD mm	Thread
PE-712.020	20	1/2"
PE-712.025	25	3/4"

90° Reducing Tee



Branch

0116	OD mm	OD mm
PE-713.025	25	20
PE-713.032	32	25
PE-713.040	40	32
PE-713.063	63	50

Compression Flange

Conforms to the following standards:

UNE EN-712, UNE EN-713, UNE EN-715, UNE EN-714, ISO 351, ISO 3503, ISO 3458, ISO 3459, DIN 8076, ISO 7, ISO 228, DIN 2999, DIN 259



Tube

0116	OD mm
PE-714.050	50
PE-714.063	63
PE-714.075	75
PE-714.090	90

Pipe Liner



0116	To Suit Hose OD mm
PE-780020	20
PE-780025	25
PE-780032	32

Repair Coupling



Tube x Tube

0116	OD mm
PE-725020	20
PE-725025	25
PE-725032	32
PE-725050	50
PE-725075	75

Spanner



0116	To Suit
PE-776001	20mm to 32mm
PE-776002	40mm to 63mm
PE-776003	20mm to 63mm
PE-776004	75mm to 110mm

MDPE Pipes



Blue

0116	OD mm	Length Metres
PE-MDPE20BLU	20	100
PE-MDPE25BLU	25	100
PE-MDPE32BLU	32	100
PE-MDPE63BLU	63	100



Black

0116	OD mm	Length Metres
PE-MDPE20BLK	20	100
PE-MDPE25BLK	25	100
PE-MDPE32BLK	32	100
PE-MDPE63BLK	63	100



POLYETHYLENE PIPE UNIVERSAL TRANSITION FITTINGS

Universal Fittings

This Universal STP Kit is compatible with any fitting, allowing the transition between pipes of any material with diameters from 15mm to 35mm (1/2" to 1" and polyethylene pipes between 16mm to 63mm.



Universal Fittings

0116	Inlet mm	Outlet
PE-715.020	15-22	To suit 25mm Body
PE-715.025	21-27	To suit 32mm Body
PE-715.032	27-35	To suit 40mm Body
Tech Sheet 20360		

Rubber adaptor suitable for all STP fittings that allow the transition from copper (15-16 mm) to galvanised or UPVC (1/2").



For Copper Tubing

0116
PE-000.715

Couplings



Tube x Tube

0116	OD A mm	OD A	OD B mm
PE-716016	15-22	1/2"	16
PE-716020	15-22	1/2"	20
PE-716025	15-22	1/2"	25
PE-716032	15-22	1/2"	32
PE-716040	15-22	1/2"	40
PE-717020	21-27	3/4"	20
PE-717025	21-27	3/4"	25
PE-717032	21-27	3/4"	32
PE-717040	21-27	3/4"	40
PE-717050	21-27	3/4"	50
PE-718025	27-35	1"	25
PE-718032	27-35	1"	32
PE-718040	27-35	1"	40
PE-718050	27-35	1"	50
PE-718063	27-35	1"	63
PE-719032	35-50	1.1/2"	32
PE-719040	35-50	1.1/2"	40
PE-719050	35-50	1.1/2"	50
PE-719063	35-50	1.1/2"	63

Adaptors



Male, BSPT

0116	OD mm	OD	Thread
PE-721020	15-22	1/2"	1/2"
PE-721021	15-22	1/2"	3/4"
PE-721022	15-22	1/2"	1"
PE-721025	21-27	3/4"	3/4"
PE-721026	21-27	3/4"	1"
PE-721027	21-27	3/4"	1.1/4"
PE-721032	27-35	1"	1"
PE-721033	27-35	1"	1.1/4"
PE-721034	27-35	1"	1.1/2"
PE-721040	35-50	1.1/2"	1.1/4"
PE-721041	35-50	1.1/2"	1.1/2"
PE-721042	35-50	1.1/2"	2"



Female, BSPP

0116	OD mm	OD	Thread
PE-720020	15-22	1/2"	1/2"
PE-720021	15-22	1/2"	3/4"
PE-720022	15-22	1/2"	1"
PE-720025	21-27	3/4"	3/4"
PE-720026	21-27	3/4"	1"
PE-720032	27-35	1"	1"
PE-720033	27-35	1"	1.1/4"
PE-720041	35-50	1.1/2"	1.1/2"

End Caps



Tube

0116	OD mm	OD
PE-722020	15-22	1/2"
PE-722025	21-27	3/4"
PE-722032	27-35	1"
PE-722040	35-50	1.1/2"

Elbows



Tube x Tube

0116	OD A mm	OD A	OD B mm
PE-723020	15-22	1/2"	20
PE-723021	15-22	1/2"	25
PE-723025	21-27	3/4"	25
PE-723026	21-27	3/4"	32
PE-723033	27-35	1"	40



Male, BSPT

0116	OD mm	OD	Thread
PE-723120	15-22	1/2"	1/2"
PE-723121	15-22	1/2"	3/4"
PE-723125	21-27	3/4"	3/4"
PE-723126	21-27	3/4"	1"
PE-723132	27-35	1"	1"
PE-723133	27-35	1"	1.1/4"



Female, BSPP

0116	OD mm	OD	Thread
PE-723220	15-22	1/2"	1/2"
PE-723221	15-22	1/2"	3/4"
PE-723225	21-27	3/4"	3/4"
PE-723226	21-27	3/4"	1"
PE-723232	27-35	1"	1"
PE-723233	27-35	1"	1.1/4"

POLYETHYLENE PIPE UNIVERSAL TRANSITION FITTINGS & VALVES



Tees



Tube x Tube, Universal x PP x PP

0116	OD A mm	OD A	OD B mm	OD C mm
PE-724001	15-22	1/2"	25	25
PE-724003	15-22	1/2"	25	20
PE-724005	21-27	3/4"	32	32
PE-724007	21-27	3/4"	32	25
PE-724011	27-35	1"	40	40
PE-724013	27-35	1"	40	32



Tube x Tube, Universal x PP x Universal

0116	OD A mm	OD A	OD B mm
PE-724002	15-22	1/2"	25
PE-724004	15-22	1/2"	20
PE-724010	15-22	1/2"	32
PE-724008	21-27	3/4"	25
PE-724006	21-27	3/4"	32
PE-724016	21-27	3/4"	40
PE-724014	27-35	1"	32
PE-724012	27-35	1"	40



Female x BSPP

0116	OD A mm	OD A	OD B mm	Thread
PE-724120	15-22	1/2"	25	1/2"
PE-724121	15-22	1/2"	25	3/4"
PE-724125	21-27	3/4"	32	3/4"
PE-724126	21-27	3/4"	32	1"
PE-724132	27-35	1"	40	1"
PE-724133	27-35	1"	40	1.1/4"



Male x BSPT

0116	OD A mm	OD A	OD B mm	Thread
PE-724220	15-22	1/2"	25	1/2"
PE-724221	15-22	1/2"	25	3/4"
PE-724226	21-27	3/4"	32	1"
PE-724233	27-35	1"	40	1.1/4"

Compression Valves



Tube x Tube

0116	OD mm
PE-141020C	20
PE-141025C	25
PE-141032C	32
PE-141040C	40
PE-141050C	50
PE-141063C	63



Tube x BSPT Male

0116	OD mm	Thread
PE-142020C	20	1/2"
PE-142025C	25	3/4"
PE-142032C	32	1"
PE-142040C	40	1.1/4"
PE-142050C	50	1.1/2"
PE-142063C	63	2"



Tube x BSPP Female

0116	OD mm	Thread
PE-140020CX	20	1/2"
PE-140025CX	25	3/4"
PE-140032CX	32	1"
PE-140040CX	40	1.1/4"
PE-140050CX	50	1.1/2"
PE-140063CX	63	2"

Universal Compression Valves



Tube x Tube, Universal x PP

0116	OD mm	OD mm
PE-141024CU	15-22	25
PE-141025CU	21-27	25
PE-141031CU	15-22	32
PE-141032CU	21-27	32
PE-141040CU	27-35	40



Universal x Universal

0116	OD mm	OD mm
PE-140025U	15-22	15-22
PE-140031U	21-27	15-22
PE-140032U	21-27	21-27
PE-140040U	27-35	27-35



Tube x BSPP Female

0116	OD mm	Thread
PE-141025UM	15-22	3/4"
PE-141030UM	15-22	1"
PE-141031UM	21-27	3/4"
PE-141032UM	21-27	1"
PE-141040UM	27-35	1.1/4"
PE-141041UM	27-35	1.1/2"



Tube x BSPT Male

0116	OD mm	Thread
PE-142024UM	15-22	1/2"
PE-142025UM	15-22	3/4"
PE-142030UM	15-22	1"
PE-142031UM	21-27	3/4"
PE-142032UM	21-27	1"
PE-142040UM	27-35	1.1/4"
PE-142041UM	27-35	1.1/2"