


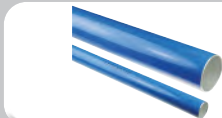


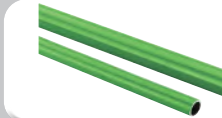



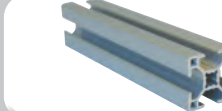


## RING MAIN SYSTEMS

	<b>838</b>	SICOMAT Pipe for Compressed Air Applications
	<b>839</b>	SICOMAT Push Fittings & Accessories for Compressed Air Applications
	<b>841</b>	SICOMAT Pipe & Fittings for Vacuum Applications
	<b>843</b>	SICOMAT Pipe for Compressed Air Applications
	<b>844</b>	SICOMAT Mini Line Fittings for Compressed Air Applications
	<b>845</b>	SICOMAT Fittings & Accessories for Compressed Air Applications
	<b>852</b>	SICOMAT Pipe for Nitrogen Applications
	<b>853</b>	SICOMAT Fittings for Nitrogen Applications
	<b>855</b>	SICOMAT Aluminium Profiles & Fittings for Compressed Air Applications – 80/110 Dia.
	<b>857</b>	SICOMAT Automatic Hose Reels
	<b>860</b>	SICOMAT Blow Guns
	<b>862</b>	PARKAIR Aluminium Profiles & Accessories

## RING MAIN SYSTEMS



868

PARKAIR  
uPVC Pipe Fittings



873

PARKAIR  
ABS Pipe Fittings



876

PARKAIR  
uPVC & ABS Check Valves



876

PARKAIR  
uPVC & ABS Accessories



877

PARKAIR  
uPVC & ABS Tubing



878

PARKAIR  
uPVC & ABS Ball Valves

New  
Additions



879

EE  
Malleable Cast Iron Fittings



890

PARKAIR  
Flanges & Bolt Kits

New  
Additions



892

PARKAIR  
Malleable Iron Pipe  
& Accessories



893

PARKAIR  
Malleable Iron Pipe Fittings

New  
Additions



895

NVENT CADDY  
Pipe Clips



896

CRANE  
Malleable Iron Pipe Fittings



904

PARKAIR  
Handrail Fittings

SIXTEEN

## DESCRIPTION

SicoMat push-fit fittings are the safe and quick push-fit solution for compressed air distribution.

Tests show that the range demonstrates excellent resistance to stress generated by water hammer pressure changes and perfect duration in salty fog.

The exterior coating gives characteristics of low friction to air passage and brief installation time thanks to the colouration of lines in compliance with the fluids identification regulations.

SicoMat push-fit fittings are optimised for SicoMat tube with which they guarantee peak performance.

## APPLICATIONS

- Compressed air
- Vacuum
- Calibrated extrusion

## BENEFITS

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

## TUBE SPECIFICATIONS

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

## FITTING SPECIFICATIONS

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



## PIPE FOR COMPRESSED AIR



**BLUE ALUMINIUM PIPE**  
6 METRE LENGTH

5400

PART NUMBER	PIPE OD	PIPE ID	FLOW RATE @ 7 BAR	PRICE
r0590150126	15 mm	12 mm	950 l/min	£36.15
r0590220196	22 mm	19 mm	1850 l/min	£49.77
r0590280256	28 mm	25 mm	3800 l/min	£67.58

### 3 METRE LENGTH

r0590150123	15 mm	12 mm	950 l/min	£18.07
r0590220193	22 mm	19 mm	1850 l/min	£24.89
r0590280253	28 mm	25 mm	3800 l/min	£33.79

### 90° BEND



5400

PART NUMBER	PIPE OD	PRICE
r059015101	15 mm	£6.99
r059022101	22 mm	£8.38

### 180° BEND



5400

PART NUMBER	PIPE OD	PRICE
r059015102	15 mm	£11.35
r059022102	22 mm	£12.57



### DROP BEND



5400

PART NUMBER	PIPE OD	PRICE
r059015100	15 mm	£13.10
r059022100	22 mm	£13.97

### 'Z' BEND



5400

PART NUMBER	PIPE OD	PRICE
r059015104	15 mm	£10.48
r059022104	22 mm	£11.70

### 'S' BEND



5400

PART NUMBER	PIPE OD	PRICE
r059015103	15 mm	£10.48
r059022103	22 mm	£11.70

New



5410

### EQUAL UNION

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rR210015015	15 mm	15 mm	£4.07
rR210022022	22 mm	22 mm	£6.19
rR210028028	28 mm	28 mm	£12.86

New



5410

### END CAPS

PART NUMBER	PIPE SIZE	PRICE
rR221015000	15 mm	£5.70
rR221022000	22 mm	£6.19
rR221028000	28 mm	£13.03

New



5410

### 90° EQUAL ELBOW

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rR213015015	15 mm	15 mm	£5.70
rR213022022	22 mm	22 mm	£8.63
rR213028028	28 mm	28 mm	£15.47

New



5410

### STRAIGHT UNION COUPLING WITH BALL VALVE

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR224015012	15 mm	1/2"	£24.42
rR224022012	22 mm	1/2"	£26.87
rR224028034	28 mm	3/4"	£40.71

New



5410

### EQUAL TEE

PART NUMBER	PIPE SIZE	PIPE SIZE	PIPE SIZE	PRICE
rR214015000	15 mm	15 mm	15 mm	£6.02
rR214022000	22 mm	22 mm	22 mm	£8.96
rR214028000	28 mm	28 mm	28 mm	£19.54

New



5410

### STRAIGHT UNION COUPLING 3 PIECE WITH BALL VALVE

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR225015012	15 mm	1/2"	£40.71
rR225022012	22 mm	1/2"	£43.15
rR225028034	28 mm	3/4"	£56.99

New



5410

### MALE STRAIGHT CONNECTOR

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR211015038	15 mm	3/8"	£5.70
rR211015012	15 mm	1/2"	£5.70
rR211022012	22 mm	1/2"	£6.19
rR211028034	28 mm	1/2"	£13.03
rR211028012	28 mm	3/4"	£13.03

New



5410

### STRAIGHT UNION COUPLING 3 PIECES

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR220015012	15 mm	1/2"	£29.31
rR220022012	22 mm	1/2"	£32.57
rR220028034	28 mm	3/4"	£52.11

New



5410

### MALE STRAIGHT CONNECTOR ALUMINIUM

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR238015038	15 mm	3/8"	£14.65
rR238022012	22 mm	1/2"	£14.65
rR238028034	28 mm	3/4"	£15.63

New



5410

### FEMALE STRAIGHT CONNECTOR ALUMINIUM

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR237015038	15 mm	3/8"	£14.65
rR237022012	22 mm	1/2"	£14.65
rR237028034	28 mm	3/4"	£15.63

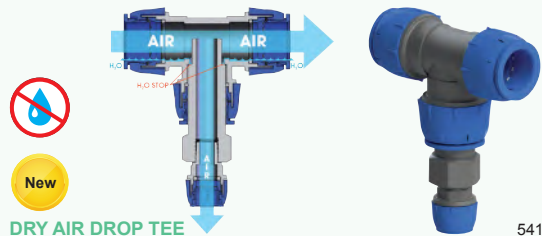
New



New

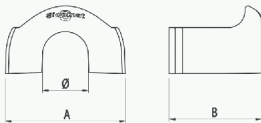
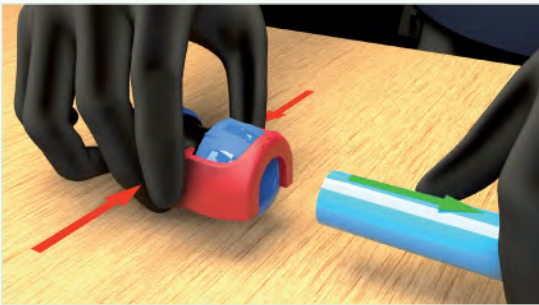
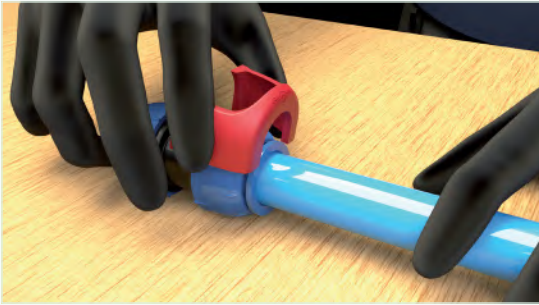
### DRY AIR DROP TEE

PART NUMBER	PIPE SIZE	PIPE SIZE	PIPE SIZE	PRICE
rR247028015	28 mm	15 mm	28 mm	£53.73
rR247028022	28 mm	22 mm	28 mm	£53.73



5410

RELEASE TOOL



New



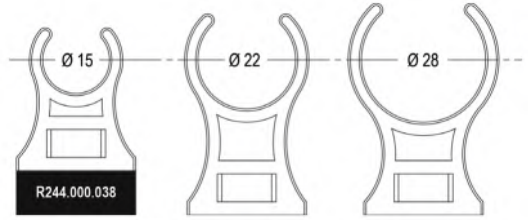
RELEASE TOOL

5410

PART NUMBER	PIPE SIZE	DIMENSIONS A x B	PRICE
rR235015000	15 mm	40 mm x 31 mm	£1.63
rR235022000	22 mm	52 mm x 34 mm	£1.63
rR235028000	28 mm	59 mm x 39 mm	£1.63

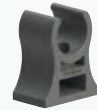
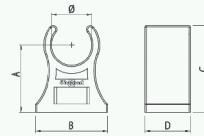
PIPE CLIPS & SPACERS

COMBINATION OF DIFFERENT DIAMETERS



New

PIPE CLIP  
15 mm

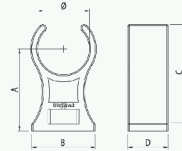


5410

PART NUMBER	PIPE SIZE	DIMENSIONS A x B x C x D	PRICE
rR244015000	15 mm	25 x 27 x 30 x 17 mm	£1.63

New

PIPE CLIP  
22 mm

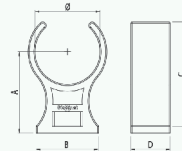


5410

PART NUMBER	PIPE SIZE	DIMENSIONS A x B x C x D	PRICE
rR244022000	22 mm	35 x 27 x 42 x 17 mm	£1.95

New

PIPE CLIP  
28 mm



5410

PART NUMBER	PIPE SIZE	DIMENSIONS A x B x C x D	PRICE
rR244028000	28 mm	35 x 27 x 45 x 17 mm	£2.93

New

PIPE CLIP SPACER



5410

PART NUMBER	DIMENSIONS A x B x D	PRICE
rR244000038	10 x 27 x 17 mm	£0.98

**FEATURES**

SicoMat vacuum pipe and fittings are the simple, cost-effective and quick installation system for central vacuum systems in auto repair shops and production lines. An aluminium conduit, external powder-coated (RAL 7040) and internally phosphochromatised, is at the base of the SicoMat vacuum lines.

A 63 mm diameter is employed as an optimal compromise between system compactness and intake volumes, thanks to an extremely low coefficient of friction inside the pipe.

**The System**

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

**PIPES SPECIFICATIONS**

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

**FITTINGS SPECIFICATIONS**

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



**PIPE FOR VACUUM**



**GREY ALUMINIUM PIPE  
6 METRE LENGTH**

5400

PART NUMBER	PIPE OD	PIPE ID	PRICE
r0590630596G	63 mm	59 mm	£180.20

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

**FITTINGS FOR VACUUM**

**EQUAL UNION**



5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rV210063063	63 mm	63 mm	£35.01

**EQUAL ELBOW**



5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rV213063063	63 mm	63 mm	£38.59

**45° ELBOW**



5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rV245063063	63 mm	63 mm	£38.47



5410

**EQUAL TEE**

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rV214063000	63 mm	63 mm	£54.71



5410

**END CAP**

PART NUMBER	PIPE SIZE	PRICE
rV221063000	63 mm	£22.63



5410

**FEMALE TEE**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rV215063002	63 mm	2"	£59.43



5410

**STRAIGHT UNION COUPLING  
3 PIECE**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rV220063002	63 mm	2"	£210.05
rV220063212	63 mm	2 1/2"	£271.85



5410

**STRAIGHT MALE COUPLING**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rV211063002	63 mm	2"	£26.87
rV211063212	63 mm	2 1/2"	£30.78



5410

**STRAIGHT UNION COUPLING  
WITH BALL VALVE**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rV224063002	63 mm	2"	£229.79
rV224063212	63 mm	2 1/2"	£297.49



5410

**STRAIGHT MALE ALUMINIUM  
COUPLING**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rV203063002	63 mm	2"	£136.78



5410

**STRAIGHT UNION COUPLING  
3 PIECE WITH BALL VALVE**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rV225063002	63 mm	2"	£360.67
rV225063212	63 mm	2 1/2"	£468.47



5410

**STRAIGHT FEMALE COUPLING**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rV201063002	63 mm	2"	£28.17



5410

**GREY NUT**

PART NUMBER	PIPE SIZE	PRICE
rV209063000	63 mm	£7.80



5410

**STRAIGHT FEMALE ALUMINIUM  
COUPLING**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rV202063002	63 mm	2"	£136.78

You may also need ...

**Gripping O-ring**

 Available from  
20 mm to 63 mm

... on page 848, section 16

APPLICATIONS	BENEFITS
<ul style="list-style-type: none"> <li>Compressed air</li> <li>Vacuum</li> <li>Calibrated extrusion</li> </ul>	<ul style="list-style-type: none"> <li>Easy and rapid to install</li> <li>Reduced pressure drop</li> <li>Corrosion resistance</li> <li>Fire resistance</li> <li>UV resistance</li> <li>Good shock resistance</li> <li>No welding</li> </ul>
TUBE SPECIFICATIONS	
Material	EN AW-6060 T6 aluminium
Treatment	Internal and external chromatising
Paint	RAL 5015 electrostatic painting
Temperature range	-20°C to +70°C (-4°F to +158°F)
Pressure	-0.8 to 15 bar
FITTING SPECIFICATIONS	
Body	Black nylon
Coupling ring	Blue nylon
Cutting ring	AISI 301 stainless steel
Sealing	NBR O-ring
Temperature range	-20°C to +70°C (-4°F to +158°F)
Pressure	-0.6 to 12.5 bar



## PIPE FOR COMPRESSED AIR



ALUMINIUM PIPE  
6 METRE LENGTH

5400

PART NUMBER	PIPE OD	PIPE ID	FLOW RATE @ 7 BAR	PRICE
r0590200176	20 mm	17 mm	1477 l/min	£52.39
r0590250226	25 mm	22 mm	2727 l/min	£61.92
r0590320296	32 mm	29 mm	5504 l/min	£80.49
r0590400376	40 mm	37 mm	10054 l/min	£103.12
r0590500466	50 mm	46 mm	16538 l/min	£190.51
r0590630596	63 mm	59 mm	30214 l/min	£223.38

### 3 METRE LENGTH

r0590200173	20 mm	17 mm	1477 l/min	£26.20
r0590250223	25 mm	22 mm	2727 l/min	£30.96
r0590320293	32 mm	29 mm	5504 l/min	£40.25
r0590400373	40 mm	37 mm	10054 l/min	£51.56
r0590500463	50 mm	46 mm	16538 l/min	£95.26
r0590630593	63 mm	59 mm	30214 l/min	£111.69

Carriage for 3, 4 & 6 metre lengths charged at cost  
Please ask for details



90° BEND

5400

PART NUMBER	PIPE OD	PRICE
r059020101	20 mm	£7.51
r059025101	25 mm	£9.26



180° BEND

5400

PART NUMBER	PIPE OD	PRICE
r059020102	20 mm	£11.53
r059025102	25 mm	£13.45



DROP BEND

5400

PART NUMBER	PIPE OD	PRICE
r059020100	20 mm	£13.45
r059025100	25 mm	£14.40



'Z' BEND

5400

PART NUMBER	PIPE OD	PRICE
r059020104	20 mm	£10.83
r059025104	25 mm	£12.57



'S' BEND

5400

PART NUMBER	PIPE OD	PRICE
r059020103	20 mm	£10.83
r059025103	25 mm	£12.57

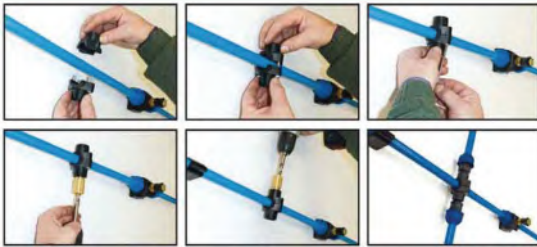


### DESCRIPTION

SicoMat mini line fittings are the ideal solution for small compressed air distribution installations, for applications that do not require or have the space for a larger assembly. SicoMat mini line fittings are easy to assemble and reliable (thanks to the integration of a clamping system within each fitting) but with a competitive price tag.

The line is assembled with durable aluminium piping and nylon fittings, which act as clamping points, guaranteeing safety, cost effectiveness and quick assembly.

SicoMat mini line fittings are compatible with the rest of the SicoMat compressed air range of products.



5410

### CROSS JOINT

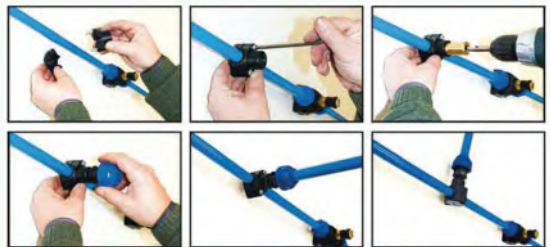
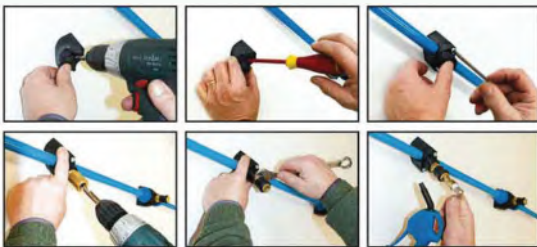
PART NUMBER	PIPE SIZE	THREAD	PRICE
rML215020012	20 mm	1/2"	£9.77
rML215025012	25 mm	1/2"	£9.77



5410

### TAKE OFF WITH FIXING POINT

PART NUMBER	PIPE SIZE	THREAD	PRICE
rML241020012	20 mm	1/2"	£9.77
rML241025012	25 mm	1/2"	£9.77



5410

### ANGLED TAKE OFF WITH FIXING POINT

PART NUMBER	PIPE SIZE	THREAD	PRICE
rML231020012	20 mm	1/2"	£9.77
rML231025012	25 mm	1/2"	£9.77



5410

### TAKE OFF WITHOUT FIXING POINT

PART NUMBER	PIPE SIZE	THREAD	PRICE
rML214020012	20 mm	1/2"	£9.77
rML214025012	25 mm	1/2"	£9.77



5410

**EQUAL UNION**

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rR210020020	20 mm	20 mm	£7.57
rR210025025	25 mm	25 mm	£8.55
rR210032032	32 mm	32 mm	£11.64
rR210040040	40 mm	40 mm	£18.56
rR210050050	50 mm	50 mm	£26.05
rR210063063	63 mm	63 mm	£35.01



5410

**REDUCING UNION**

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rR212025020	25 mm	20 mm	£8.06
rR212032025	32 mm	25 mm	£10.26
rR212040032	40 mm	32 mm	£17.67
rR212050040	50 mm	40 mm	£22.63
rR212063050	63 mm	50 mm	£33.38



5410

**90° EQUAL ELBOW**

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rR213020020	20 mm	20 mm	£7.57
rR213025025	25 mm	25 mm	£8.79
rR213032032	32 mm	32 mm	£11.24
rR213040040	40 mm	40 mm	£18.89
rR213050050	50 mm	50 mm	£26.70
rR213063063	63 mm	63 mm	£38.59



5410

**45° EQUAL ELBOW**

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rR245020020	20 mm	20 mm	£7.57
rR245025025	25 mm	25 mm	£8.79
rR245032032	32 mm	32 mm	£11.24
rR245040040	40 mm	40 mm	£18.89
rR245050050	50 mm	50 mm	£26.70
rR245063063	63 mm	63 mm	£38.59



5410

**EQUAL TEE**

PART NUMBER	PIPE SIZE	PIPE SIZE	PIPE SIZE	PRICE
rR214020000	20 mm	20 mm	20 mm	£9.61
rR214025000	25 mm	25 mm	25 mm	£13.35
rR214032000	32 mm	32 mm	32 mm	£17.83
rR214040000	40 mm	40 mm	40 mm	£25.56
rR214050000	50 mm	50 mm	50 mm	£35.99
rR214063000	63 mm	63 mm	63 mm	£54.71



5410

**FEMALE TEE**

PART NUMBER	PIPE SIZE	THREAD	PIPE SIZE	PRICE
rR215025012	25 mm	1/2"	25 mm	£11.15
rR215032034	32 mm	3/4"	32 mm	£13.19
rR215040001	40 mm	1"	40 mm	£21.17
rR215050112	50 mm	1 1/2"	50 mm	£30.94
rR215063002	63 mm	2"	63 mm	£59.43



5410

**MALE STRAIGHT CONNECTOR**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR211020012	20 mm	1/2"	£4.32
rR211020034	20 mm	3/4"	£5.13
rR211025012	25 mm	1/2"	£5.54
rR211025034	25 mm	3/4"	£5.54
rR211025001	25 mm	1"	£8.47
rR211032001	32 mm	1"	£7.16
rR211032114	32 mm	1 1/4"	£8.06
rR211040001	40 mm	1"	£11.56
rR211040114	40 mm	1 1/4"	£11.56
rR211040112	40 mm	1 1/2"	£13.03
rR211050112	50 mm	1 1/2"	£17.91
rR211050002	50 mm	2"	£23.77
rR211063002	63 mm	2"	£26.87
rR211063212	63 mm	2 1/2"	£30.78



5410

**MALE STRAIGHT CONNECTOR ALUMINIUM**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR203020012	20 mm	1/2"	£32.57
rR203025012	25 mm	1/2"	£36.64
rR203025034	25 mm	3/4"	£36.64
rR203032001	32 mm	1"	£51.29
rR203040001	40 mm	1"	£74.90
rR203040114	40 mm	1 1/4"	£74.90
rR203050112	50 mm	1 1/2"	£109.42
rR203063002	63 mm	2"	£136.78



5410

**FEMALE STRAIGHT CONNECTOR ALUMINIUM**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR202020012	20 mm	1/2"	£32.57
rR202025034	25 mm	3/4"	£36.64
rR202032001	32 mm	1"	£51.29
rR202040114	40 mm	1 1/4"	£74.90
rR202050112	50 mm	1 1/2"	£109.42
rR202063002	63 mm	2"	£136.78



5410

**FEMALE STRAIGHT CONNECTOR**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR201020012	20 mm	1/2"	£5.37
rR201025034	25 mm	3/4"	£6.02
rR201032001	32 mm	1"	£7.73
rR201040114	40 mm	1 1/4"	£12.54
rR201050112	50 mm	1 1/2"	£19.54
rR201063002	63 mm	2"	£28.17



5410

### REDUCING TEE

PART NUMBER	PIPE SIZE	PIPE SIZE	PIPE SIZE	PRICE
rR217025020	25 mm	20 mm	25 mm	£17.91
rR217032020	32 mm	20 mm	32 mm	£25.08
rR217032025	32 mm	25 mm	32 mm	£25.08
rR217040020	40 mm	20 mm	40 mm	£35.66
rR217040025	40 mm	25 mm	40 mm	£35.66
rR217040032	40 mm	32 mm	40 mm	£35.66
rR217050020	50 mm	20 mm	50 mm	£46.57
rR217050025	50 mm	25 mm	50 mm	£46.57
rR217050032	50 mm	32 mm	50 mm	£46.57
rR217050040	50 mm	40 mm	50 mm	£46.57
rR217063020	63 mm	20 mm	63 mm	£69.20
rR217063025	63 mm	25 mm	63 mm	£69.20
rR217063032	63 mm	32 mm	63 mm	£69.20
rR217063040	63 mm	40 mm	63 mm	£69.20
rR217063050	63 mm	50 mm	63 mm	£69.20



### DRY AIR DROP TEE



5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PIPE SIZE	PRICE
rR247040020	40 mm	20 mm	40 mm	£44.94
rR247040025	40 mm	25 mm	40 mm	£44.94
rR247050020	50 mm	20 mm	50 mm	£56.50
rR247050025	50 mm	25 mm	50 mm	£56.50
rR247050032	50 mm	32 mm	50 mm	£56.50
rR247050040	50 mm	40 mm	50 mm	£56.50
rR247063020	63 mm	20 mm	63 mm	£75.23
rR247063025	63 mm	25 mm	63 mm	£75.23
rR247063032	63 mm	32 mm	63 mm	£75.23
rR247063040	63 mm	40 mm	63 mm	£75.23
rR247063050	63 mm	50 mm	63 mm	£75.23



5410

### CONNECTION WITH JOINT 3 PIECES

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR220020012	20 mm	1/2"	£27.36
rR220020034	20 mm	3/4"	£35.99
rR220025034	25 mm	3/4"	£40.38
rR220025001	25 mm	1"	£53.08
rR220032001	32 mm	1"	£63.34
rR220032114	32 mm	1 1/4"	£82.72
rR220040114	40 mm	1 1/4"	£92.33
rR220040112	40 mm	1 1/2"	£121.31
rR220050112	50 mm	1 1/2"	£118.54
rR220050002	50 mm	2"	£153.88
rR220063002	63 mm	2"	£210.05
rR220063212	63 mm	2 1/2"	£271.93



5410

### 3 PIECE CONNECTOR WITH BALL VALVE

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR225020012	20 mm	1/2"	£50.48
rR225020034	20 mm	3/4"	£65.95
rR225025034	25 mm	3/4"	£72.46
rR225025001	25 mm	1"	£93.63
rR225032001	32 mm	1"	£116.42
rR225032114	32 mm	1 1/4"	£151.27
rR225040114	40 mm	1 1/4"	£175.86
rR225040112	40 mm	1 1/2"	£228.78
rR225050112	50 mm	1 1/2"	£212.01
rR225050002	50 mm	2"	£275.19
rR225063002	63 mm	2"	£360.67
rR225063212	63 mm	2 1/2"	£468.96



5410

### STRAIGHT CONNECTOR WITH BALL VALVE

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR224020012	20 mm	1/2"	£31.26
rR224020034	20 mm	3/4"	£41.03
rR224025034	25 mm	3/4"	£42.50
rR224025001	25 mm	1"	£56.18
rR224032001	32 mm	1"	£66.60
rR224032114	32 mm	1 1/4"	£88.91
rR224040114	40 mm	1 1/4"	£109.42
rR224040112	40 mm	1 1/2"	£142.48
rR224050112	50 mm	1 1/2"	£153.88
rR224050002	50 mm	2"	£201.10
rR224063002	63 mm	2"	£229.79
rR224063212	63 mm	2 1/2"	£297.49



5410

### REDUCING BUSH ALUMINIUM

PART NUMBER	DIMENSIONS	PRICE
rR232034012	3/4" x 1/2"	£10.26
rR232001012	1" x 1/2"	£13.35
rR232114012	1 1/4" x 1/2"	£17.42
rR232114034	1 1/4" x 3/4"	£17.42
rR232112012	1 1/2" x 1/2"	£17.42
rR232112034	1 1/2" x 3/4"	£17.42
rR232112001	1 1/2" x 1"	£17.42
rR232002012	2" x 1/2"	£19.21
rR232002034	2" x 3/4"	£19.21
rR232002001	2" x 1"	£19.21
rR232002112	2" x 1 1/2"	£19.21



5410

**END CAPS**
**WITH MANUAL VENT VALVE**

PART NUMBER	PIPE SIZE	PRICE
rR218020014	20 mm	£11.24
rR248025014	25 mm	£15.79
rR248032014	32 mm	£16.93
rR248040014	40 mm	£21.17
rR248050014	50 mm	£26.70
rR248063014	63 mm	£30.78



5410

**END CAPS**

PART NUMBER	PIPE SIZE	PRICE
rR221020000	20 mm	£4.88
rR221025000	25 mm	£5.54
rR221032000	32 mm	£6.84
rR221040000	40 mm	£10.99
rR221050000	50 mm	£16.45
rR221063000	63 mm	£22.63



5410

**END CAPS**
**WITH MINI BALL VALVE**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR219020014	20 mm	1/4"	£25.48
rR249025014	25 mm	1/4"	£30.78
rR249032014	32 mm	1/4"	£31.26
rR249040014	40 mm	1/4"	£34.19
rR249050014	50 mm	1/4"	£40.06
rR249064014	63 mm	1/4"	£43.94



5410

**COUPLING NUT**

PART NUMBER	PIPE SIZE	PRICE
rR209020000	20 mm	£2.17
rR209025000	25 mm	£3.34
rR209032000	32 mm	£4.32
rR209040000	40 mm	£5.54
rR209050000	50 mm	£6.68
rR209063000	63 mm	£7.82



5410

**REDUCING FITTING**
**NYLON AND ALUMINIUM**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR237025012	25 mm	1/2"	£13.35
rR237032012	32 mm	1/2"	£15.31
rR237040012	40 mm	1/2"	£18.89
rR237040001	40 mm	1"	£18.89
rR237050012	50 mm	1/2"	£26.38
rR237050001	50 mm	1"	£26.38
rR237063012	63 mm	1/2"	£33.87
rR237063001	63 mm	1"	£33.87
rR237063112	63 mm	1 1/2"	£37.61



5410

**NYLON ADAPTOR**
**NPT MALE / BSPP FEMALE**

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
rR252012000	1/2" NPT	1/2" BSPP	£13.35
rR252034000	3/4" NPT	3/4" BSPP	£15.14
rR252001000	1" NPT	1" BSPP	£17.59
rR252114000	1 1/4" NPT	1 1/4" BSPP	£23.94
rR252112000	1 1/2" NPT	1 1/2" BSPP	£28.98
rR252002000	2" NPT	2" BSPP	£52.11



5410

**REDUCING FITTING WITH O-RING**
**SCREWED NYLON**

PART NUMBER	THREAD	THREAD	PRICE
rR238034012	3/4"	1/2"	£14.33
rR238001012	1"	1/2"	£14.33
rR238112012	1 1/2"	1/2"	£20.35
rR238112001	1 1/2"	1"	£20.35
rR238002012	2"	1/2"	£23.94
rR238002001	2"	1"	£23.94
rR238002112	2"	1 1/2"	£23.94



5410

**NYLON ADAPTOR**
**BSPP MALE / NPT FEMALE**

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
rR251012000	1/2" BSPP	1/2" NPT	£13.35
rR251034000	3/4" BSPP	3/4" NPT	£15.14
rR251001000	1" BSPP	1" NPT	£17.59
rR251114000	1 1/4" BSPP	1 1/4" NPT	£23.94
rR251112000	1 1/2" BSPP	1 1/2" NPT	£28.98
rR251002000	2" BSPP	2" NPT	£52.11



**TWIN TAKE OFF COUPLINGS  
BSP**

5410

PART NUMBER	PIPE SIZE	THREAD	PRICE
rR208025040	25 mm	1/2"	£26.50
rR208032040	32 mm	1/2"	£25.13
rR208040040	40 mm	1/2"	£28.98
rR208050063	50 mm	1"	£61.88
rR208063063	63 mm	1"	£61.88



**AUTOMATIC  
CONDENSATE DRAIN**

5410

PART NUMBER	CONNECTION	PRICE
rR223014000	1/4" Automatic	£185.63



**THREADED TAKE OFF SADDLE**

5410

PART NUMBER	PIPE SIZE	THREAD	PRICE
rQSB2012	20 mm	1/2"	£11.24
rQSB2512	25 mm	1/2"	£11.24
rQSB2534	25 mm	3/4"	£11.24
rQSB3212	32 mm	1/2"	£11.24
rQSB3234	32 mm	3/4"	£11.24
rQSB4012	40 mm	1/2"	£16.28
rQSB4034	40 mm	3/4"	£16.28
rQSB5012	50 mm	1/2"	£17.91
rQSB5034	50 mm	3/4"	£17.91
rQSB6312	63 mm	1/2"	£20.52
rQSB6334	63 mm	3/4"	£20.52



**GRIPPING O-RING**

5410

PART NUMBER	PIPE SIZE	PRICE
rR216020000	20 mm	£0.85
rR216025000	25 mm	£1.06
rR216032000	32 mm	£1.63
rR216040000	40 mm	£1.87
rR216050000	50 mm	£2.77
rR216063000	63 mm	£4.56



**FLEXIBLE TUBE  
500 MM LENGTH**

5410

PART NUMBER	PIPE OD	THREAD	PRICE
rR226012500	1/2"	1/2"	£21.17
rR226034500	3/4"	3/4"	£34.19
rR226001500	1"	1"	£52.11
rR226114500	1 1/4"	1 1/4"	£112.84
rR226112500	1 1/2"	1 1/2"	£162.51
rR226002500	2"	2"	£244.25



**TERMINAL BLOCKS  
MAX 16 BAR**

**BSPP**

5410

PART NUMBER	INLET	OUTLET	PRICE
rR243012038	1 x 1/2"	1 x 3/8"	£8.63
rR243012012	2 x 1/2"	1 x 3/8"	£8.63
rR241012001	1/2"	1 x 1/2"	£20.52
rR241012002	1/2"	2 x 1/2"	£25.73
rR241012003	1/2"	3 x 1/2"	£30.78
rR241034001	3/4"	1 x 1/2"	£22.31
rR241034002	3/4"	2 x 1/2"	£28.98
rR241034003	3/4"	3 x 1/2"	£34.19
rR231012012	1/2"	4 x 1/2"	£41.03
rR231034012	3/4"	4 x 1/2"	£41.03



**FLEXIBLE PIPES  
1.5 M FLEXIBLE**

5410

PART NUMBER	THREAD	PRICE
rR227012150	1/2" Male BSPP	£34.19
rR227034150	3/4" Male BSPP	£59.92
rR227001150	1" Male BSPP	£88.91
rR227114150	1 1/4" Male BSPP	£184.65
rR227112150	1 1/2" Male BSPP	£273.56
rR227002150	2" Male BSPP	£394.05



**MANUAL CONDENSATE DRAIN  
FOR R241 / R231  
TERMINAL BLOCKS**

5410

PART NUMBER	DESCRIPTION	PRICE
r089800350	Manual condensate drain	£5.70



5410

**CLAMPS**

PART NUMBER	SIZE	PRICE
rR23000001	M6	£7.49



5410

**CLAMPS**

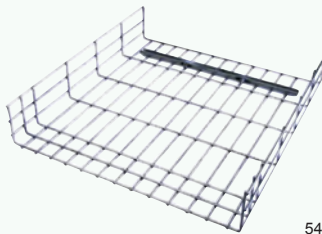
PART NUMBER	Ø (SIZE A)	RANGE (B)	PRICE
rR233000001	11 mm	3-8 mm	£8.14
rR233000002	11 mm	8-14 mm	£8.14
rR233000003	11 mm	14-20 mm	£8.47



5410

**CLAMPS**

PART NUMBER	SIZE	PRICE
rR234000001	9 mm	£8.47
rR234000002	M8	£8.47



5410

**SUPPORTING GRID**

5 mm

PART NUMBER	LENGTH	HEIGHT	PRICE
rR090305000	306 mm	104.5 mm	£119.68
rR090505000	546 mm	104.5 mm	£162.42



5410

**COUPLING KIT**

PART NUMBER	FOR USE WITH	PRICE
rR090080100	Supporting Grid	£12.82



5410

**WALL MOUNTING BRACKET**

PART NUMBER	SIZE	PRICE
rR228170000	170 mm	£20.35
rR228320000	320 mm	£27.68
rR228520000	520 mm	£58.62



5410

**COLLAR WITH SCREW**

M8 / 10

PART NUMBER	TUBE SIZE	PRICE
rR240020000	20 mm	£4.23
rR240025000	25 mm	£4.23
rR240032000	32 mm	£4.40
rR240040000	40 mm	£4.40
rR240050000	50 mm	£5.70
rR240063000	63 mm	£5.70



5410

**SCREW**

PART NUMBER	SIZE	PRICE
rR230000000	M8	£0.98



5410

**THREADED HOSE COUPLING**

PART NUMBER	SIZE	LENGTH	PRICE
rR230000003	M8	30 mm	£1.95



5410

**THREADED ROD GALVANISED**

PART NUMBER	SIZE	LENGTH	PRICE
rR230000006	M8	1000 mm	£6.84



5410

**THREADED NUT**

PART NUMBER	SIZE	LENGTH	PRICE
rR230000004	M8	6.5 mm	£0.41



5410

**WASHER**

PART NUMBER	DESCRIPTION	PRICE
rR230000005	2 mm x 8.5 mm	£0.33

You may also need ...

**M10 – M12  
Screwed Rod**



... on page 894, section 16



**COLLAR**

5410

PART NUMBER	PIPE SIZE	PRICE
rR244020000	20 mm	£2.12
rR244025000	25 mm	£2.12
rR244032000	32 mm	£2.93
rR244040000	40 mm	£3.09
rR244050000	50 mm	£3.91
rR244063000	63 mm	£5.21



**SPACER**

5410

PART NUMBER	PIPE SIZE	DIMENSIONS	PRICE
rR244000010	9 mm	36 x 36 x 10 mm	£0.90



**SPACERS FOR TERMINAL BLOCKS**

5410

PART NUMBER	DIMENSIONS	PRICE
rR242000010	85 x 65 x 10 mm	£3.42
rR242000013	85 x 65 x 13 mm	£3.42
rR242000020	85 x 65 x 20 mm	£6.84



**SPACER**

5410

PART NUMBER	PIPE SIZE	DIMENSIONS	PRICE
rR244000020	5.2 mm	35 x 12.8 x 5.8 mm	£0.73



**SPACER FOR 243 TERMINAL BLOCK**

5410

PART NUMBER	DIMENSIONS	PRICE
rR243000009	65 x 52 x 9 mm	£1.79

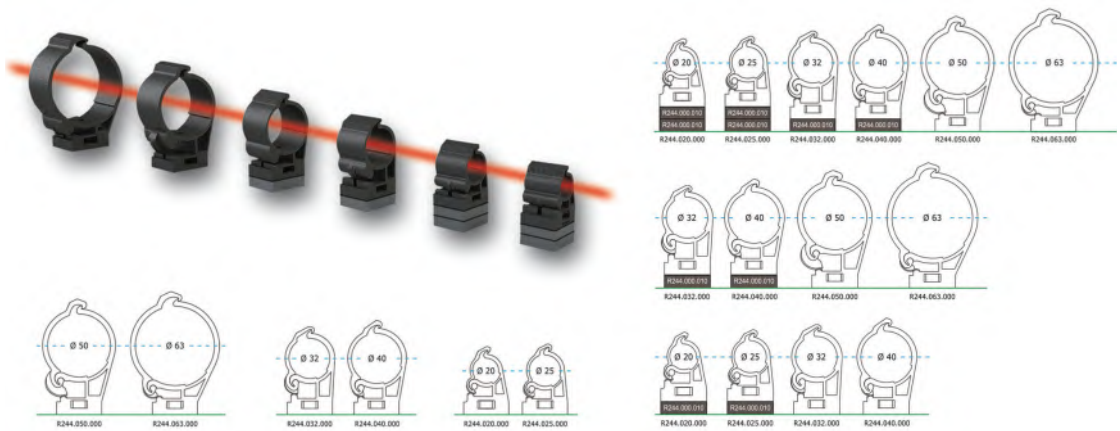


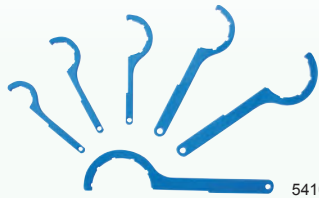
**EPDM INSERT**

5410

PART NUMBER	DIMENSIONS	PRICE
rR244000030	9 x 36 x 2 mm	£1.30

**COMBINATION OF DIFFERENT DIAMETERS**





**LOCKING SPANNERS  
FOR COUPLING RINGS**

5410

PART NUMBER	PIPE OD	LENGTH	PRICE
rR235020000	20 mm	170 mm	£17.10
rR235025000	25 mm	210 mm	£17.10
rR235032000	32 mm	210 mm	£20.52
rR235040000	40 mm	240 mm	£20.52
rR235050000	50 mm	280 mm	£25.73
rR235063000	63 mm	320 mm	£25.73



**LOCKING SPANNERS  
FOR FITTING BODY**

5410

PART NUMBER	PIPE OD	LENGTH	PRICE
rR236020000	20 mm	170 mm	£17.10
rR236025000	25 mm	210 mm	£17.10
rR236032000	32 mm	210 mm	£20.52
rR236040000	40 mm	240 mm	£20.52
rR236050000	50 mm	280 mm	£25.73
rR236063000	63 mm	320 mm	£25.73



**PRESSURISED  
DRILLING TOOL**

5410

PART NUMBER	SIZE	PRICE
rR208012040	1/2"	£390.80
rR208001063	1"	£488.50



**DRILLING TOOL**

5410

PART NUMBER	DESCRIPTION	PRICE
rR208012000	Kit Drilling 1/2"	£34.19
rR208012012	Drilling Bush 1/2"	£13.84
rR208001020	Drilling Bush 1"	£65.13



**DEBURRING CONE**

5410

PART NUMBER	DESCRIPTION	PRICE
rCONE050	Up to 50 mm	£64.97



**DEBURRING TOOL**

5410

PART NUMBER	DESCRIPTION	PRICE
rR230000007	Deburring Tool	£29.31



**ADJUSTABLE REAMER**

5410

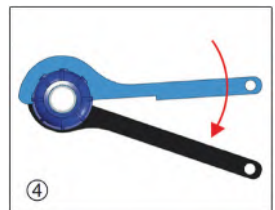
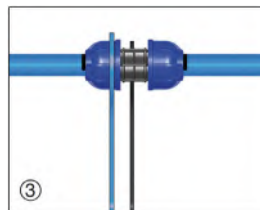
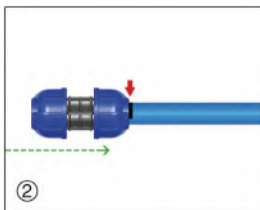
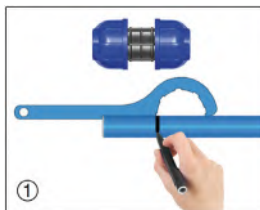
PART NUMBER	DESCRIPTION	PRICE
rTEMPE50315	50 to 63 mm	£273.56

Measure insertion length

Insert fitting to the mark

Position spanner on coupling ring  
and fitting body

Locking of the fitting





APPLICATIONS		BENEFITS	
<ul style="list-style-type: none"> <li>• Ideal for transporting nitrogen, widely used in car repair workshops and in assembly lines</li> <li>• Compressed air</li> <li>• Vacuum</li> </ul>		<ul style="list-style-type: none"> <li>• Easy and quick to install</li> <li>• Reduced pressure drop</li> <li>• Corrosion resistance</li> <li>• Fire resistance</li> <li>• UV resistance</li> <li>• Good shock resistance</li> <li>• No welding</li> </ul>	
TUBE SPECIFICATIONS			
Material	EN AW-6060 T6 aluminium		
Treatment	Internal and external chromatising		
Paint	RAL 6018 electrostatic painting		
Temperature range	-20°C to +70°C (-4°F to +158°F)		
Pressure	-0.8 to 15 bar		
FITTING SPECIFICATIONS			
Body	Black nylon		
Coupling ring	Green nylon		
Cutting ring	AISI 301 stainless steel		
Sealing	NBR O-ring		
Temperature range	-20°C to +70°C (-4°F to +158°F)		
Pressure	-0.6 to 12.5 bar		



## PIPE FOR NITROGEN



**ALUMINIUM PIPE**  
6 METRE LENGTH

5400

PART NUMBER	PIPE OD	PIPE ID	FLOW RATE @ 7 BAR	PRICE
r059025022-6V	25 mm	22 mm	2727 l/min	£50.00
r059040037-6V	40 mm	37 mm	10054 l/min	£75.80
3 METRE LENGTH				
r059025022-3V	25 mm	22 mm	2727 l/min	£30.65
r059040037-3V	40 mm	37 mm	10054 l/min	£46.89

### 180° BEND

5410

PART NUMBER	PIPE OD	PRICE
r059025102V	25 mm	£13.79



### DROP BEND

5410

PART NUMBER	PIPE OD	PRICE
r059025100V	25 mm	£14.77

### 90° BEND

5410

PART NUMBER	PIPE OD	PRICE
r059025101V	25 mm	£9.49

### 'Z' BEND

5410

PART NUMBER	PIPE OD	PRICE
r059025104V	25 mm	£12.90

### 'S' BEND

5410

PART NUMBER	PIPE OD	PRICE
r059025103V	25 mm	£12.90

Carriage for  
3 & 6 metre lengths  
charged at cost

Please ask for  
details



EQUAL UNION

5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rA210025025	25 mm	25 mm	£8.55
rA210040040	40 mm	40 mm	£18.56



FEMALE STRAIGHT CONNECTOR

5410

PART NUMBER	PIPE SIZE	THREAD	PRICE
rA201025034	25 mm	3/4"	£6.02
rA201040114	40 mm	1 1/4"	£12.54



90° EQUAL ELBOW

5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rA213025025	25 mm	25 mm	£8.79
rA213040040	40 mm	40 mm	£18.89



MALE STRAIGHT CONNECTOR

5410

PART NUMBER	PIPE SIZE	THREAD	PRICE
rA211025012	25 mm	1/2"	£5.54
rA211025001	25 mm	1"	£8.47
rA211025034	25 mm	3/4"	£5.54
rA211040001	40 mm	1"	£11.56
rA211040114	40 mm	1 1/4"	£11.56
rA211040112	40 mm	1 1/2"	£13.03



EQUAL TEE

5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PIPE SIZE	PRICE
rA214025000	25 mm	25 mm	25 mm	£13.35
rA214040000	40 mm	40 mm	40 mm	£25.56



FEMALE STRAIGHT CONNECTOR ALUMINIUM

5410

PART NUMBER	PIPE SIZE	THREAD	PRICE
rA202025034	25 mm	3/4"	£36.64
rA202040114	40 mm	1 1/4"	£74.90



FEMALE TEE

5410

PART NUMBER	PIPE SIZE	THREAD	PIPE SIZE	PRICE
rA215025012	25 mm	1/2"	25 mm	£11.15
rA215040001	40 mm	1"	40 mm	£21.17



MALE STRAIGHT CONNECTOR

5410

PART NUMBER	PIPE SIZE	THREAD	PRICE
rA211025012	25 mm	1/2"	£5.54
rA211025034	25 mm	3/4"	£5.54
rA211040001	40 mm	1"	£11.56
rA211040114	40 mm	1 1/4"	£11.56



REDUCING TEE

5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PIPE SIZE	PRICE
rA217040025	40 mm	25 mm	40 mm	£35.66



END CAP

5410

PART NUMBER	PIPE SIZE	PRICE
rA221025000	25 mm	£5.54
rA221040000	40 mm	£10.99



**DRY AIR DROP TEE**



5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PIPE SIZE	PRICE
rA247040025	40 mm	25 mm	40 mm	£44.94

**45° EQUAL ELBOW**



5410

PART NUMBER	PIPE SIZE	PIPE SIZE	PRICE
rA245025025	25 mm	25 mm	£8.79
rA245040040	40 mm	40 mm	£18.89

**CONNECTION WITH JOINT  
3 PIECES**



5410

PART NUMBER	PIPE SIZE	THREAD	PRICE
rA220025034	25 mm	3/4"	£40.38
rA220025001	25 mm	1"	£53.08
rA220040114	40 mm	1 1/4"	£92.33
rA220040112	40 mm	1 1/2"	£121.31

**3 PIECE CONNECTOR  
WITH BALL VALVE**



5410

PART NUMBER	PIPE SIZE	THREAD	PRICE
rA225025034	25 mm	3/4"	£72.46
rA225025001	25 mm	1"	£93.63
rA225040114	40 mm	1 1/4"	£175.86
rA225040112	40 mm	1 1/2"	£228.78

**STRAIGHT CONNECTOR  
WITH BALL VALVE**



5410

PART NUMBER	PIPE SIZE	THREAD	PRICE
rA224025034	25 mm	3/4"	£42.50
rA224025001	25 mm	1"	£56.18
rA224040114	40 mm	1 1/4"	£109.42
rA224040112	40 mm	1 1/2"	£142.48

**END CAP  
WITH MINI BALL VALVE**



5410

PART NUMBER	PIPE SIZE	PRICE
rA249025034	25 mm	£30.78
rA249040114	40 mm	£34.19

**COUPLING NUT**



5410

PART NUMBER	PIPE SIZE	PRICE
rA209025000	25 mm	£3.34
rA209040000	40 mm	£5.54

### THE SYSTEM

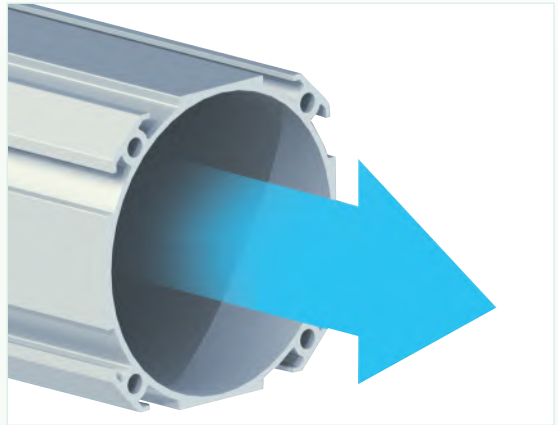
- Speed and simple installation
- Easy fit hinges
- Low maintenance
- High safety
- Reduced pressure drop
- Corrosion resistance
- Reusable
- Fire resistance
- UV resistance
- Good shock resistance
- No welding

### PIPE SPECIFICATIONS

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

### FITTING SPECIFICATIONS

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



## ALUMINIUM PROFILE MODULAR LINES



5400

### ANODISED ALUMINIUM PROFILE 6 METRE LENGTH

PART NUMBER	PIPE OD	PIPE ID	PRICE
rAR085085806	85 mm	80 mm	£471.52
rAR1151151106	115 mm	110 mm	£785.87

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

## ALUMINIUM PROFILE FITTINGS



5410

### STRAIGHT CONNECTOR

PART NUMBER	PIPE SIZE	PRICE
rAR210080080	80 mm	£37.45
rAR210110110	110 mm	£59.43



5410

### ELBOW CONNECTOR

PART NUMBER	PIPE SIZE	PRICE
rAR213080080	80 mm	£52.11
rAR213110110	110 mm	£130.27



5410

**TEE CONNECTOR**

PART NUMBER	PIPE SIZE	PRICE
rAR214080080	80 mm	£71.65
rAR214110110	110 mm	£179.12



5410

**FIXED ANCHOR BRACKET**

PART NUMBER	FOR USE WITH	PRICE
rAR085085100	Sico80	£24.42
rAR115115100	Sico110	£24.42



5410

**STRAIGHT EXPANSION JOINT**

PART NUMBER	PIPE SIZE	PRICE
rAR226110110	110 mm	£521.06



5410

**ADJUSTABLE ANCHOR BRACKET**

PART NUMBER	FOR USE WITH	PRICE
rAR085085200	Sico80	£24.42
rAR115115200	Sico110	£24.42



5410

**90° ELBOW EXPANSION JOINT**

PART NUMBER	PIPE SIZE	PRICE
rAR227110110	110 mm	£1625.06



5410

**CHAMFERING TOOL**

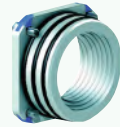
PART NUMBER	FOR USE WITH	PRICE
rAR230110000	Sico110	£586.19



5410

**WALL MOUNTING BRACKET**

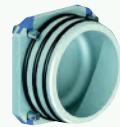
PART NUMBER	FOR USE WITH	PRICE
rAR228320000	Sico80	£36.33
rAR238520000	Sico110	£68.39



5410

**END PLATE FEMALE THREAD**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rAR201080002	80 mm	2"	£37.45
rAR201110003	110 mm	3"	£102.58



5400

**CAP**

PART NUMBER	PIPE SIZE	PRICE
rAR221080000	80 mm	£34.19
rAR221110000	110 mm	£63.50



5410

**OUTLET PLATE**

PART NUMBER	PIPE SIZE	THREAD	PRICE
rAR208080012	80 mm	1/2"	£42.34
rAR208110001	110 mm	1"	£43.15
rAR208110012	110 mm	1/2"	£42.34

## DESCRIPTION

SicoMat hose reels are the complete line of automatic hose reels, which guarantee the highest reliability and safety, thanks to the complete spring rewind of the hose that prevents any accidental stumbling of the operator.

The wound hose is also kept safe from potential damage caused by trampling or incorrect rewinding, as it can be locked in intermediate positions in order to reach different areas of the workplace. SicoMat hose reels guarantee a considerable reduction in production downtime, as the operator saves time by no longer having to rewind and arrange hoses much to the advantage of productivity.



### R111 SERIES

Construction	Steel: galvanised and powder coated
Suitable for	Air only
Weight	3 kg
Supplied with	Swivel bracket and supply polyurethane hose



**R111 SERIES**  
20 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR111005008	5 m	8 x 11 mm	Ø8 / 1/4" male BSPT	£141.03
rR111003010	3 m	10 x 14 mm	Ø10 / 3/8" male BSPT	£145.06

### R122 SERIES

Construction	Steel: galvanised and powder coated internal spring return
Suitable for	Air only
Weight	6 kg
Supplied with	Swivel bracket and supply polyurethane hose



**R122 SERIES**  
20 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR122012008	12 m	8 x 12 mm	Ø8 / 1/4" male BSPT	£168.87
rR122010010	10 m	10 x 14 mm	Ø10 / 3/8" male BSPT	£186.39

### R532 SERIES

Construction	AISI 304 stainless steel. Internal spring return
Suitable for	Air, water / detergents 70°C
Weight	3 kg
Supplied with	Swivel bracket and supply polyurethane hose



**R532 SERIES**  
10 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR532005008	5 m	8 x 12 mm	Ø8 / 3/8" male BSPT	£217.94

### 10 BAR WORKING PRESSURE

rR532003010	3 m	10 x 14 mm	Ø10 / 3/8" male BSPT	£224.22
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### R533 SERIES

Construction	Steel: galvanised and powder coated. Slow retract controlled return
Suitable for	Air only
Weight	6 kg
Supplied with	Swivel bracket and supply polyurethane hose



**R533 SERIES**  
20 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR533015008	15 m	8 x 12 mm	Ø8 / 1/4" male BSPT	£252.92
rR533012010	12 m	10 x 14 mm	Ø10 / 3/8" male BSPT	£275.85

### R222 SERIES

Construction	Steel: galvanised and powder coated
Suitable for	Air only
Weight	6 kg
Supplied with	Swivel bracket and supply polyurethane hose



### R222 SERIES

#### 20 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR222015008	15 m	8 x 12 mm	Ø8 / 1/4" male BSPT	£205.26
rR222012010	12 m	10 x 14 mm	Ø10 / 3/8" male BSPT	£221.42

### R222V SERIES

Construction	Galvanised and powder coated
Suitable for	Nitrogen
Weight	6 kg
Supplied with	Swivel bracket and supply polyurethane hose



### R222V SERIES

#### 20 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR222015008V	15 m	8 x 12 mm	Ø8 / 1/4" male BSPT	£226.91

### R532 SERIES

Construction	AISI 304 stainless steel. Internal spring return
Suitable for	Air, water / detergents 70°C
Weight	3 kg
Supplied with	Swivel bracket and supply polyurethane hose



### R532 SERIES

#### 20 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR532015008	15 m	8 x 12 mm	Ø8 / 1/4" male BSPT	£319.29
rR532012010	12 m	10 x 14 mm	Ø10 / 3/8" male BSPT	£335.43

### R422 SERIES

Construction	Galvanised sheet and powder coated structure
Suitable for	Air, water 40°C max.
Weight	20 kg
Supplied with	Brackets can be assembled in 3 different positions, supplied with polyurethane hose



### R422 SERIES

#### 18 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR422020008	20 m	8 x 14 mm	3/8" female/male BSPT	£452.70
rR422010010	10 m	10 x 17 mm	3/8" female/male BSPT	£382.65
rR422015010	15 m	10 x 17 mm	3/8" female/male BSPT	£426.66
rR422010013	10 m	13 x 20 mm	1/2" male/male BSPT	£443.95

#### 20 BAR WORKING PRESSURE

rR422025010	25 m	10 x 14 mm	3/8" female/male BSPT	£487.74
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### R535 SERIES

Construction	AISI 304 stainless steel. Internal spring return
Suitable for	Air, water / detergents 70°C
Weight	6 kg
Supplied with	Swivel bracket and supply polyurethane hose



### R535 SERIES

#### 20 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR535015008	15 m	8 x 12 mm	Ø8 / 1/4" male BSPT	£385.65
rR535012010	12 m	10 x 14 mm	Ø10 / 3/8" male BSPT	£401.79

### R534 SERIES

Construction	AISI 304 stainless steel. Stain proof hose
Suitable for	Water 70°C
Weight	20 kg
Supplied with	Revolving bracket and supply polyurethane hose



### R534 SERIES

#### 20 BAR WORKING PRESSURE

5420

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR534010013	10 m	13 x 21 mm	1/2" male BSPT	£841.26

### R523 SERIES

Construction	Galvanised and powder coated. Internal spring return
Suitable for	Air, water 40°C max.
Weight	25 kg
Supplied with	Flexible polyurethane hose, fixed stand and quick fixing bracket



5420

### R523 SERIES

#### 18 BAR WORKING PRESSURE

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR523020013	20 m	13 x 20 mm	1/2" male BSPT	£610.80
rR523020010	20 m	10 x 17 mm	3/8" male BSPT	£516.49

### R528 SERIES

Construction	AISI 304 stainless steel
Suitable for	Water
Weight	25 kg
Supplied with	Flexible hose, revolving stand and quick fixing bracket



5420

### R528 SERIES

#### 70°C MAX. TEMPERATURE 20 BAR WORKING PRESSURE

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR528020013	20 m	13 x 21 mm	1/2" male BSPT	£1013.46
rR52815016	15 m	16 x 24 mm	1/2" male BSPT	£1022.41

### R529 SERIES

#### 90°C MAX. TEMPERATURE / 10 BAR WORKING PRESSURE

rR529015016	15 m	16 x 23 mm	1/2" male BSPT	£1130.03
rR529020013	20 m	13 x 20 mm	1/2" male BSPT	£1130.03

### R530 SERIES

#### 150°C MAX. TEMPERATURE / 400 BAR WORKING PRESSURE

rR530020051	20 m	5/16"	3/8" F / 3/8" M BSPT	£1121.08
rR530020038	20 m	3/8"	3/8" F / 3/8" M BSPT	£1121.08

### R531 SERIES

#### 150°C MAX. TEMPERATURE / 400 BAR WORKING PRESSURE

rR531020051	20 m	5/16"	3/8" F / 3/8" F BSPT	£1156.95
rR531020038	20 m	3/8"	3/8" F / 3/8" F BSPT	£1183.85

### R125 SERIES

Construction	Powder coated steel, tubular structure with galvanised drum
Suitable for	Air only
Weight	rR12530008 8.4 kg rR125040008 9.0 kg rR125025010 8.4 kg
Supplied with	Easy folding handle and supply polyurethane hose



5420

### R125 SERIES

#### 20 BAR WORKING PRESSURE

PART NUMBER	LENGTH	HOSE ID	INLET / OUTLET	PRICE
rR125030008	30 m	8 x 12 mm	1/4" male BSPT	£175.15
rR125040008	40 m	8 x 12 mm	1/4" male BSPT	£201.21
rR125025010	25 m	10 x 14 mm	3/8" male BSPT	£185.93

You may also need ...

**Galvanised fittings**



... on pages 879 – 903, section 16





**STANDARD BLOW GUN  
WITH 100 MM STEEL NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP100100000	98 dBA	380 l/min	120 g	£12.58



**SAFETY BLOW GUN  
WITH PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP200300002	79 dBA	230 l/min	105 g	£11.68



**SILENCED BLOW GUN  
WITH 100 MM STEEL NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP100101000	76 dBA	230 l/min	120 g	£12.58



**SILENCED SAFETY BLOW GUN  
WITH PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP200301000	73 dBA	205 l/min	105 g	£13.48



**STANDARD BLOW GUN  
WITH PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP200100000	78 dBA	240 l/min	105 g	£10.78



**STANDARD LOW PRESSURE  
BLOW GUN  
WITH 100 MM STEEL NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	FLOW RATE	WEIGHT	PRICE
rP103100000	125 l/min	125 g	£14.82



**SILENCED BLOW GUN  
WITH PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP200200000	72 dBA	205 l/min	105 g	£11.68



**STANDARD LOW PRESSURE  
BLOW GUN  
WITH PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	FLOW RATE	WEIGHT	PRICE
rP203100000	125 l/min	110 g	£13.03





**SILENCED LOW PRESSURE BLOW GUN WITH PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	FLOW RATE	WEIGHT	PRICE
rP203200000	125 l/min	110 g	£13.65



**SILENCED SAFETY LOW PRESSURE BLOW GUN WITH PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	FLOW RATE	WEIGHT	PRICE
rP203301000	125 l/min	110 g	£16.18



**STANDARD BLOW GUN WITH 100 MM STEEL NOZZLE**  
ATEX APPROVED  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP300100100	98 dBA	380 l/min	120 g	£18.87



**STANDARD BLOW GUN WITH PLASTIC NOZZLE**  
ATEX APPROVED  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP300200100	78 dBA	240 l/min	105 g	£16.18



**SILENCED BLOW GUN WITH PLASTIC NOZZLE**  
ATEX APPROVED  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP300200200	72 dBA	205 l/min	105 g	£17.51



**SAFETY BLOW GUN WITH PLASTIC NOZZLE**  
ATEX APPROVED  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP300200300	79 dBA	230 l/min	105 g	£17.51



**SILENCED SAFETY BLOW GUN WITH PLASTIC NOZZLE**  
ATEX APPROVED  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP300200301	73 dBA	205 l/min	105 g	£20.21



**STANDARD COMPACT BLOW GUN WITH PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP400100000	-	345 l/min	40 g	£9.43



**COMPACT BLOW GUN WITH FLOW RATE MULTIPLIER & PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP400400000	-	440 l/min	42 g	£10.78



**SAFETY COMPACT BLOW GUN WITH PLASTIC NOZZLE**  
BRASS 1/4" BSP FEMALE INLET

5420

PART NUMBER	NOISE LEVEL	FLOW RATE	WEIGHT	PRICE
rP400200000	-	345 l/min	40 g	£9.43



- STANDARD
- SILENCED
- SAFETY

## FUTURE PROOF YOUR MACHINE BUILD WITH EXPERTLY DESIGNED ALUMINIUM PROFILES

Expertly designed aluminium profiles and accessories will suit most assembly projects. From workstations and machine frames to machine enclosures and access platforms, the characteristically robust construction of these products is the quality choice for machine builds. To satisfy the demands of the industrial sector, the varied capabilities and easy to complete systems reduce downtime. These Aluminium Profiles are a highly versatile product for machine builds.

### RANGE OF PROFILES

PROFILE	SLOT	SERIES
20 x 20	6	20
20 x 40	6	20
30 x 30	8	30
30 x 30 Round	8	30
30 x 60	8	30
60 x 60	8	30
40 x 40	10	40
40 x 80	10	40
80 x 80	10	40
45 x 45	10	45
45 x 60	10	45
60 x 60	10	45
45 x 90	10	45
90 x 90	10	45
90 x 90 Heavy	10	45
50 x 50	10	50
50 x 100	10	50
100 x 100	10	50

### FEATURES

- Anodised aluminium
- Superb corrosion resistance
- Lightweight
- Robust
- Slots 6, 8, 10

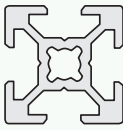
### APPLICATIONS

- Stairs
- Walkways
- Conveyor Belts
- Pallet Conveyors

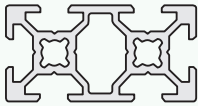


**SLOT 6 SERIES 20**

20 x 20

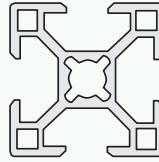


20 x 40

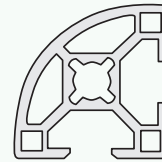


**SLOT 8 SERIES 30**

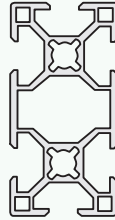
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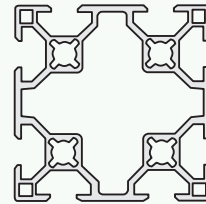
30 x 30 Round



30 x 60

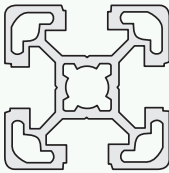


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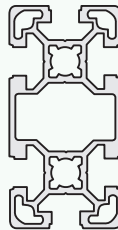


**SLOT 10 SERIES 40**

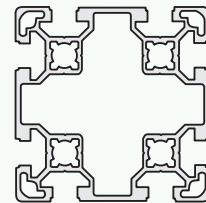
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40 x 80

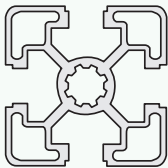


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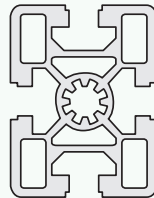


**SLOT 10 SERIES 45**

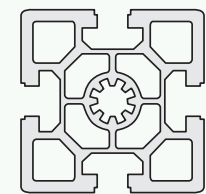
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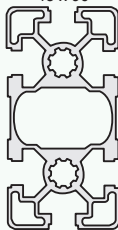
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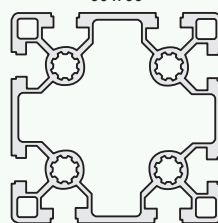
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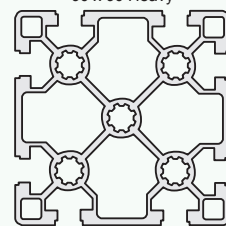
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90 x 90

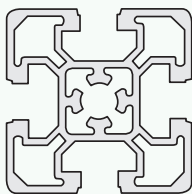


90 x 90 Heavy

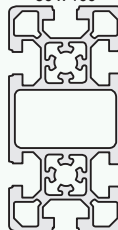


**SLOT 10 SERIES 50**

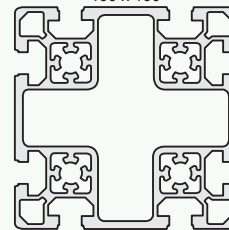
50 x 50

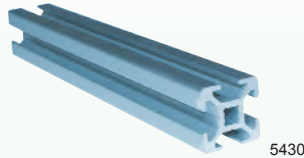


50 x 100



100 x 100





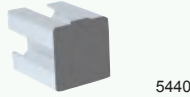
**PROFILE 20 X 20**  
**SLOT 6 / SERIES 20**

PART NUMBER	LENGTH	PRICE
PR-084111001-1	1 metre	£10.25
PR-084111001-2	2 metres	£20.51
PR-084111001-3	3 metres	£30.76



**PROFILE 20 X 40**  
**SLOT 6 / SERIES 20**

PART NUMBER	LENGTH	PRICE
PR-084111002-1	1 metre	£17.73
PR-084111002-2	2 metres	£35.46
PR-084111002-3	3 metres	£53.19



**CAP FOR PROFILE 20 X 20**  
**SLOT 6 / SERIES 20**

PART NUMBER	DESCRIPTION	PRICE
PR-084201061	Black polyamide cap 20 x 20	£0.92



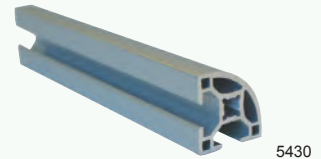
**CAP FOR PROFILE 20 X 40**  
**SLOT 6 / SERIES 20**

PART NUMBER	DESCRIPTION	PRICE
PR-084201062	Black polyamide cap 20 x 40	£1.24



**PROFILE 30 X 30**  
**SLOT 8 / SERIES 30**

PART NUMBER	LENGTH	PRICE
PR-084107002-1	1 metre	£14.34
PR-084107002-2	2 metres	£28.69
PR-084107002-3	3 metres	£43.03



**PROFILE 30 X 30 ROUND**  
**SLOT 8 / SERIES 30**

PART NUMBER	LENGTH	PRICE
PR-084107005-1	1 metre	£17.12
PR-084107005-2	2 metres	£34.25
PR-084107005-3	3 metres	£51.37



**CAP FOR PROFILE 30 X 30**  
**SLOT 8 / SERIES 30**

PART NUMBER	DESCRIPTION	PRICE
PR-084201041	Black polyamide cap 30 x 30	£1.07



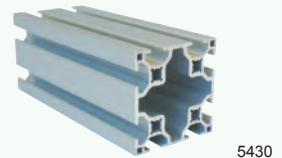
**CAP FOR PROFILE 30 X 30 ROUND**  
**SLOT 8 / SERIES 30**

PART NUMBER	DESCRIPTION	PRICE
PR-084201063	Black polyamide cap 30 x 30	£1.62



**PROFILE 30 X 60**  
**SLOT 8 / SERIES 30**

PART NUMBER	LENGTH	PRICE
PR-084107003-1	1 metre	£26.44
PR-084107003-2	2 metres	£52.88
PR-084107003-3	3 metres	£79.32



**PROFILE 60 X 60**  
**SLOT 8 / SERIES 30**

PART NUMBER	LENGTH	PRICE
PR-084107004-1	1 metre	£45.09
PR-084107004-2	2 metres	£90.19
PR-084107004-3	3 metres	£135.28



**CAP FOR PROFILE 30 X 60**  
**SLOT 8 / SERIES 30**

PART NUMBER	DESCRIPTION	PRICE
PR-084201042	Black polyamide cap 30 x 60	£1.29



**CAP FOR PROFILE 60 X 60**  
**SLOT 8 / SERIES 30**

PART NUMBER	DESCRIPTION	PRICE
PR-084201057	Black polyamide cap 60 x 60	£1.53

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



**PROFILE 45 X 45**  
**SLOT 10 / SERIES 45**

5430

PART NUMBER	LENGTH	PRICE
PR-084105004-1	1 metre	£28.16
PR-084105004-2	2 metres	£56.33
PR-084105004-3	3 metres	£84.49



**PROFILE 45 X 60**  
**SLOT 10 / SERIES 45**

5430

PART NUMBER	LENGTH	PRICE
PR-084105007-1	1 metre	£49.99
PR-084105007-2	2 metres	£99.98
PR-084105007-3	3 metres	£149.97



**CAP FOR PROFILE 45 X 45**  
**SLOT 10 / SERIES 45**

5440

PART NUMBER	DESCRIPTION	PRICE
PR-084201038	Black polyamide cap 45 x 45	£1.32



**CAP FOR PROFILE 45 X 60**  
**SLOT 10 / SERIES 45**

5440

PART NUMBER	DESCRIPTION	PRICE
PR-084201052	Black polyamide cap 45 x 60	£1.27



**PROFILE 45 X 90**  
**SLOT 10 / SERIES 45**

5430

PART NUMBER	LENGTH	PRICE
PR-084105006-1	1 metre	£54.31
PR-084105006-2	2 metres	£108.62
PR-084105006-3	3 metres	£162.93



**PROFILE 60 X 60**  
**SLOT 10 / SERIES 45**

5430

PART NUMBER	LENGTH	PRICE
PR-084105008-1	1 metre	£78.57
PR-084105008-2	2 metres	£157.13
PR-084105008-3	3 metres	£235.70



**CAP FOR PROFILE 45 X 90**  
**SLOT 10 / SERIES 45**

5440

PART NUMBER	DESCRIPTION	PRICE
PR-084201039	Black polyamide cap 45 x 90	£1.52



**CAP FOR PROFILE 60 X 60**  
**SLOT 10 / SERIES 45**

5440

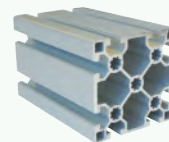
PART NUMBER	DESCRIPTION	PRICE
PR-084201067	Black polyamide cap 60 x 60	£1.88



**PROFILE 90 X 90**  
**SLOT 10 / SERIES 45**

5430

PART NUMBER	LENGTH	PRICE
PR-084105005-1	1 metre	£96.91
PR-084105005-2	2 metres	£193.81
PR-084105005-3	3 metres	£290.72



**HEAVY PROFILE 90 X 90**  
**SLOT 10 / SERIES 45**

5430

PART NUMBER	LENGTH	PRICE
PR-084105009-1	1 metre	£122.04
PR-084105009-2	2 metres	£244.09
PR-084105009-3	3 metres	£366.13



**CAP FOR PROFILE 90 X 90**  
**SLOT 10 / SERIES 45**

5440

PART NUMBER	DESCRIPTION	PRICE
PR-084201040	Black polyamide cap 90 x 90	£1.98



**CAP FOR PROFILE 90 X 90**  
**SLOT 10 / SERIES 45**

5440

PART NUMBER	DESCRIPTION	PRICE
PR-084201040	Black polyamide cap 90 x 90	£1.98

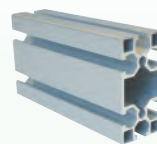
Carriage for 3 metre lengths charged at cost  
Please ask for details



**PROFILE 40 X 40**  
**SLOT 10 / SERIES 40**

5430

PART NUMBER	LENGTH	PRICE
PR-084113001-1	1 metre	£30.12
PR-084113001-2	2 metres	£60.24
PR-084113001-3	3 metres	£90.36



**PROFILE 40 X 80**  
**SLOT 10 / SERIES 40**

5430

PART NUMBER	LENGTH	PRICE
PR-084113002-1	1 metre	£53.05
PR-084113002-2	2 metres	£106.09
PR-084113002-3	3 metres	£159.14



**CAP FOR PROFILE 40 X 40**  
**SLOT 10 / SERIES 40**

5440

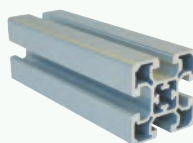
PART NUMBER	DESCRIPTION	PRICE
PR-084201064	Black polyamide cap 40 x 40	£1.37



**CAP FOR PROFILE 40 X 80**  
**SLOT 10 / SERIES 40**

5440

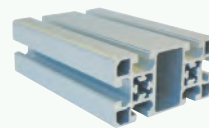
PART NUMBER	DESCRIPTION	PRICE
PR-084201065	Black polyamide cap 40 x 80	£1.80



**PROFILE 50 X 50**  
**SLOT 10 / SERIES 50**

5430

PART NUMBER	LENGTH	PRICE
PR-084109001-1	1 metre	£44.56
PR-084109001-2	2 metres	£89.12
PR-084109001-3	3 metres	£133.68



**PROFILE 50 X 100**  
**SLOT 10 / SERIES 50**

5430

PART NUMBER	LENGTH	PRICE
PR-084109002-1	1 metre	£80.24
PR-084109002-2	2 metres	£160.49
PR-084109002-3	3 metres	£240.73



**CAP FOR PROFILE 50 X 50**  
**SLOT 10 / SERIES 50**

5440

PART NUMBER	DESCRIPTION	PRICE
PR-084201055	Black polyamide cap 50 x 50	£1.53



**CAP FOR PROFILE 50 X 100**  
**SLOT 10 / SERIES 50**

5440

PART NUMBER	DESCRIPTION	PRICE
PR-084201056	Black polyamide cap 50 x 100	£2.39



**PROFILE 80 X 80**  
**SLOT 10 / SERIES 50**

5430

PART NUMBER	LENGTH	PRICE
PR-084113003-1	1 metre	£94.15
PR-084113003-2	2 metres	£188.29
PR-084113003-3	3 metres	£282.44



**PROFILE 100 X 100**  
**SLOT 10 / SERIES 50**

5430

PART NUMBER	LENGTH	PRICE
PR-084109003-1	1 metre	£187.54
PR-084109003-2	2 metres	£375.08
PR-084109003-3	3 metres	£562.61



**CAP FOR PROFILE 80 X 80**  
**SLOT 10 / SERIES 50**

5440

PART NUMBER	DESCRIPTION	PRICE
PR-084201066	Black polyamide cap 80 x 80	£2.47



**CAP FOR PROFILE 100 X 100**  
**SLOT 10 / SERIES 50**

5440

PART NUMBER	DESCRIPTION	PRICE
PR-084201068	Black polyamide cap 100 x 100	£3.15

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

**FIXING ACCESSORIES**
**HAMMER HEAD SCREW  
GALVANISED STEEL**


5440

PART NUMBER	SIZE	SLOT	SERIES	PRICE
PR-084301042	M6 x 16	8	30	£0.58
PR-084301018	M8 x 20	10	40, 45, 50	£0.70
PR-084301020	M8 x 30	10	40, 45, 50	£1.00
PR-084301021	M8 x 40	10	40	£1.18

**SELF THREADING SCREW  
SLOT 10**


5440

PART NUMBER	DESCRIPTION	SERIES	PRICE
PR-084301037	Screw for slot 10 S 12 x 35	40, 45, 50	£1.14

**HAMMER HEAD NUT  
GALVANISED STEEL**


5440

PART NUMBER	SIZE	SLOT	SERIES	PRICE
PR-084302021	M4	6	20	£0.35
PR-084302023	M5	8	30	£0.63
PR-084302024	M6	8	30	£0.63
PR-084302026	M5	10	40, 45, 50	£0.66
PR-084302027	M6	10	40, 45, 50	£0.66
PR-084302028	M8	10	40, 45, 50	£0.66

**CAP SCREW  
GALVANISED STEEL**


5440

PART NUMBER	SIZE	LENGTH	HEX	PRICE
PR-084301008	M4 x 12	12 mm	2.5	£0.12
PR-084301009	M5 x 12	12 mm	3.0	£0.12
PR-084301010	M6 x 12	12 mm	4.0	£0.12
PR-084301002	M8 x 16	16 mm	5.0	£0.18
PR-084301036	M5 x 20	20 mm	3.0	£0.14

**JOINT ACCESSORIES**
**PAWL CLAMPING CONNECTOR  
FASTENER  
HORIZONTAL**


5440

PART NUMBER	SLOT	SERIES	PRICE
PR-084306015	8	30	£5.79
PR-084306009	10	40, 45, 50	£6.46

**FIXING ANGLES WITH  
ANTI-ROTATION TEETH / SLOT 8  
27 X 27 MM**


5440

PART NUMBER	DESCRIPTION	PRICE
PR-084305036	Assembling with M6 x 12 screws	£2.56

**PAWL CLAMPING CONNECTOR  
FASTENER - VERTICAL  
GALVANISED STEEL**


5440

PART NUMBER	SLOT	SERIES	PRICE
PR-084306014	8	30	£5.79
PR-084306008	10	40, 45, 50	£6.46

**FIXING ANGLES WITH  
ANTI-ROTATION TEETH / SLOT 10  
42 X 42 MM**


5440

PART NUMBER	DESCRIPTION	PRICE
PR-084305026	Assembling with M8 x 20 screws	£2.80

**SCREW SWIVEL JOINT  
SANDBLASTED ALUMINIUM**


5440

PART NUMBER	PROFILE	PRICE
PR-084311016	45 x 45	£11.77

**FIXING ANGLES WITH  
ANTI-ROTATION TEETH / SLOT 10  
36 X 36 MM**


5440

PART NUMBER	DESCRIPTION	PRICE
PR-084305040	Assembling with M8 x 20 screws	£2.98

**FIXING ANGLES  
18 X 18 MM**


5440

PART NUMBER	DESCRIPTION	PRICE
PR-084305032	Assembling with M6 x 8 screws	£1.96

**FIXING ANGLES WITH  
ANTI-ROTATION TEETH / SLOT 10  
86 X 86 MM**


5440

PART NUMBER	DESCRIPTION	PRICE
PR-084305030	Assembling with M8 x 20	£9.78



## DESCRIPTION

uPVC (unplasticised polyvinyl chloride) is one of the most popular thermoplastic materials used for pipework installations. Lightweight, uPVC has excellent resistance to chemicals and abrasion. It is tasteless and odourless, making it ideal for use with potable water systems and most food products. The extremely smooth bore gives excellent flow characteristics. uPVC products are clearly identified by their dark grey colour.

uPVC is resistant to most solutions of acids, alkalis, salts and solvents which can be mixed with water. These products are NOT resistant to aromatic chlorinated hydrocarbons. Connections can be made either by solvent cement or BSP threaded fittings.

## MANUFACTURING STANDARDS

Our uPVC elbows, equal tees, caps, adaptors and more, are all Kitemark certified. Kitemark Certificate Number: KM 654613  
Our uPVC fittings are also WRAS approved.



Imperial uPVC products are generally manufactured in accordance with the following standards:

- Pipe – EN1452-2
- Fittings – EN1452-3 / BS4346 Part 1
- Threaded fittings – BS21, DIN2999, ISO7



## SPECIFICATIONS

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

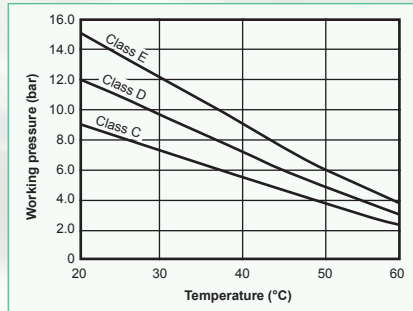
- Solvent weld – 3/8" to 8" = Class E/15 bar
- 10" = Class D/12 bar
- Threaded = Class D/12 bar

\* All quoted at 20°C

Pressure ratings for plastic pipework systems are always quoted at 20°C, it is a fundamental principle of such systems that if the temperature is increased then the pressure rating must be reduced.

uPVC systems should never be used for temperatures in excess of 60°C.

The following chart gives a rough guide to the pressure / temperature relationship of uPVC pipework systems.



In above ground installations it is essential to provide support to ensure that the weight of the pipe and its contents are adequately supported. The recommended maximum support spacing for horizontal runs of uPVC pipe are given in the table below. Spacings are calculated assuming the pipes are carrying water.

### SPACING GIVEN IN METRES

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



**ADAPTOR  
MALE**

3820

PART NUMBER	THREAD	TUBE NB	LENGTH	PRICE
aPAD32-12	1/2"	1/2"	46.0 mm	£2.48
aPAD32-34	3/4"	3/4"	50.0 mm	£2.77
aPAD32-1	1"	1"	57.0 mm	£4.45
aPAD32-114	1 1/4"	1 1/4"	66.5 mm	£6.12
aPAD32-112	1 1/2"	1 1/2"	74.0 mm	£7.91
aPAD32-2	2"	2"	84.0 mm	£10.68
aPAD32-212	2 1/2"	2 1/2"	99.0 mm	£26.62
aPAD32-3	3"	3"	110.0 mm	£31.65
aPAD32-4	4"	4"	120.0 mm	£42.74



**ADAPTOR  
BSPP FEMALE**

3820

PART NUMBER	THREAD	TUBE NB	LENGTH	PRICE
aPAD42-12	1/2"	1/2"	39.0 mm	£4.10
aPAD42-34	3/4"	3/4"	43.3 mm	£4.74
aPAD42-1	1"	1"	49.1 mm	£5.54
aPAD42-114	1 1/4"	1 1/4"	57.4 mm	£6.76
aPAD42-112	1 1/2"	1 1/2"	62.4 mm	£7.97
aPAD42-2	2"	2"	73.7 mm	£14.15
aPAD42-3	3"	3"	98.3 mm	£40.71
aPAD42-4	4"	4"	115.3 mm	£64.33



**90° R / S BEND**

3820

PART NUMBER	TUBE NB	PRICE
aPBE33-12	1/2"	£7.39
aPBE33-34	3/4"	£8.66
aPBE33-1	1"	£12.01
aPBE33-114	1 1/4"	£17.21
aPBE33-112	1 1/2"	£21.31
aPBE33-2	2"	£27.95
aPBE33-212	2 1/2"	£59.71
aPBE33-3	3"	£72.36
aPBE33-4	4"	£119.48



**CAPS  
BSPP FEMALE**

3820

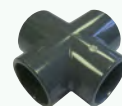
PART NUMBER	THREAD	LENGTH	PRICE
aPCA71-12	1/2"	26.0 mm	£5.60
aPCA71-34	3/4"	28.0 mm	£6.41
aPCA71-1	1"	32.0 mm	£6.76
aPCA71-114	1 1/4"	35.0 mm	£7.05
aPCA71-112	1 1/2"	35.0 mm	£9.30
aPCA71-2	2"	39.0 mm	£11.67
aPCA71-212	2 1/2"	52.0 mm	£30.03
aPCA71-3	3"	56.0 mm	£39.85
aPCA71-4	4"	64.0 mm	£45.45



**CAPS**

3820

PART NUMBER	TUBE NB	LENGTH	PRICE
aPCA73-12	1/2"	27.0 mm	£1.39
aPCA73-34	3/4"	31.0 mm	£1.67
aPCA73-1	1"	36.0 mm	£1.91
aPCA73-114	1 1/4"	43.0 mm	£2.89
aPCA73-112	1 1/2"	49.0 mm	£4.85
aPCA73-2	2"	57.0 mm	£5.89
aPCA73-212	2 1/2"	67.0 mm	£14.32
aPCA73-3	3"	80.0 mm	£18.13
aPCA73-4	4"	95.0 mm	£27.95
aPCA73-5	5"	114.0 mm	£48.05
aPCA73-6	6"	126.0 mm	£67.63
aPCA73-8	8"	145.0 mm	£267.32



**EQUAL CROSS**

3820

PART NUMBER	TUBE NB	PRICE
aPCR33-12	1/2"	£7.97
aPCR33-34	3/4"	£8.66
aPCR33-1	1"	£10.40
aPCR33-114	1 1/4"	£14.84
aPCR33-112	1 1/2"	£18.71
aPCR33-2	2"	£25.70



**90° ELBOW  
BSPP FEMALE**

3820

PART NUMBER	THREAD	PRICE
aPEL51-12	1/2"	£5.37
aPEL51-34	3/4"	£5.60
aPEL51-1	1"	£6.93
aPEL51-114	1 1/4"	£12.30
aPEL51-112	1 1/2"	£14.38
aPEL51-2	2"	£21.31
aPEL51-212	2 1/2"	£36.67
aPEL51-3	3"	£55.61
aPEL51-4	4"	£79.46



**90° ELBOW  
BSPP FEMALE**

3820

PART NUMBER	THREAD	TUBE NB	PRICE
aPEL32-12	1/2"	1/2"	£4.85
aPEL32-34	3/4"	3/4"	£5.60
aPEL32-1	1"	1"	£6.93
aPEL32-114	1 1/4"	1 1/4"	£14.38
aPEL32-112	1 1/2"	1 1/2"	£15.88
aPEL32-2	2"	2"	£22.46
aPEL32-3	3"	3"	£50.70

You may also need ...

**Flanges**



... on pages 890 – 891, section 16



## 90° ELBOW

3820

PART NUMBER	TUBE NB	PRICE
aPEL53-12	1/2"	£2.02
aPEL53-34	3/4"	£2.37
aPEL53-1	1"	£3.23
aPEL53-114	1 1/4"	£5.72
aPEL53-112	1 1/2"	£7.39
aPEL53-2	2"	£10.97
aPEL53-212	2 1/2"	£20.62
aPEL53-3	3"	£31.59
aPEL53-4	4"	£47.53
aPEL53-5	5"	£108.80
aPEL53-6	6"	£187.75
aPEL53-8	8"	£454.95



## 45° ELBOW

3820

PART NUMBER	TUBE NB	PRICE
aPEY53-12	1/2"	£3.75
aPEY53-34	3/4"	£3.98
aPEY53-1	1"	£4.85
aPEY53-114	1 1/4"	£6.93
aPEY53-112	1 1/2"	£8.66
aPEY53-2	2"	£12.19
aPEY53-212	2 1/2"	£19.23
aPEY53-3	3"	£28.76
aPEY53-4	4"	£59.14
aPEY53-5	5"	£100.02
aPEY53-6	6"	£121.91
aPEY53-8	8"	£413.37



## FULL FACED FLANGE TABLE E

3820

PART NUMBER	TUBE NB	PRICE
aPFF30-114	1 1/4"	£12.42
aPFF30-112	1 1/2"	£14.78
aPFF30-2	2"	£18.54
aPFF30-3	3"	£30.72



## FULL FACED FLANGE PN16

3820

PART NUMBER	TUBE NB	PRICE
aPFF33-12	1/2"	£8.55
aPFF33-34	3/4"	£8.66
aPFF33-1	1"	£9.59
aPFF33-114	1 1/4"	£12.42
aPFF33-112	1 1/2"	£14.78
aPFF33-2	2"	£18.54
aPFF33-212	2 1/2"	£27.26
aPFF33-3	3"	£30.72
aPFF33-4	4"	£42.56

## HOSE ADAPTOR BSPP MALE



3820

PART NUMBER	THREAD	TAIL DIA (D1)	LENGTH	PRICE
aPHN61-12	1/2"	20 mm	70.0 mm	£4.04
aPHN61-34	3/4"	25 mm	75.0 mm	£5.37
aPHN61-1	1"	32 mm	80.0 mm	£6.41
aPHN61-114	1 1/4"	40 mm	92.0 mm	£9.30
aPHN61-112	1 1/2"	50 mm	100.0 mm	£11.15
aPHN61-2	2"	60 mm	118.0 mm	£17.21

## HEXAGON NIPPLE BSPP MALE



3820

PART NUMBER	THREAD	LENGTH	PRICE
aPNI61-12	1/2"	42.0 mm	£2.71
aPNI61-34	3/4"	44.0 mm	£3.41
aPNI61-1	1"	50.0 mm	£4.68
aPNI61-114	1 1/4"	58.0 mm	£6.41
aPNI61-112	1 1/2"	58.0 mm	£6.93
aPNI61-2	2"	66.0 mm	£8.78

## PLUG BSPP MALE



3820

PART NUMBER	THREAD	PRICE
aPPL71-12	1/2"	£3.23
aPPL71-34	3/4"	£3.75
aPPL71-1	1"	£4.68
aPPL71-114	1 1/4"	£6.35
aPPL71-112	1 1/2"	£7.91
aPPL71-2	2"	£8.55
aPPL71-212	2 1/2"	£19.87
aPPL71-3	3"	£25.93
aPPL71-4	4"	£47.82

## HOSE ADAPTOR TUBE NB



3820

PART NUMBER	TUBE NB	TAIL DIA (D1)	LENGTH	PRICE
aPHN63-12	1/2"	20 mm	70.0 mm	£3.70
aPHN63-34	3/4"	25 mm	79.0 mm	£4.10
aPHN63-1	1"	32 mm	83.0 mm	£4.68
aPHN63-114	1 1/4"	40 mm	96.0 mm	£5.78
aPHN63-112	1 1/2"	50 mm	108.0 mm	£8.37
aPHN63-2	2"	60 mm	130.0 mm	£13.74

## BACK NUT BSPP FEMALE



3820

PART NUMBER	THREAD	PRICE
aPNU91-12	1/2"	£2.43
aPNU91-34	3/4"	£2.83
aPNU91-1	1"	£4.10
aPNU91-114	1 1/4"	£9.12
aPNU91-112	1 1/2"	£9.93
aPNU91-2	2"	£10.68
aPNU91-3	3"	£22.58
aPNU91-4	4"	£30.26

## SOCKET BSPP FEMALE



3820

PART NUMBER	THREAD	LENGTH	PRICE
aPSO11-12	1/2"	37.0 mm	£5.60
aPSO11-34	3/4"	39.6 mm	£6.35
aPSO11-1	1"	46.2 mm	£7.57
aPSO11-114	1 1/4"	50.8 mm	£10.34
aPSO11-112	1 1/2"	50.8 mm	£11.95
aPSO11-2	2"	59.4 mm	£14.61
aPSO11-212	2 1/2"	69.4 mm	£31.59
aPSO11-3	3"	76.6 mm	£40.43
aPSO11-4	4"	89.6 mm	£71.32



**SOCKET**

3820

PART NUMBER	TUBE NB	LENGTH	PRICE
aPSO13-12	1/2"	35.0 mm	£1.50
aPSO13-34	3/4"	41.0 mm	£1.67
aPSO13-1	1"	47.0 mm	£1.91
aPSO13-114	1 1/4"	55.0 mm	£3.41
aPSO13-112	1 1/2"	65.0 mm	£4.04
aPSO13-2	2"	79.0 mm	£5.72
aPSO13-212	2 1/2"	92.0 mm	£12.07
aPSO13-3	3"	107.0 mm	£21.83
aPSO13-4	4"	128.0 mm	£31.76
aPSO13-5	5"	160.0 mm	£62.49
aPSO13-6	6"	180.0 mm	£79.64
aPSO13-8	8"	249.0 mm	£245.67

**SOCKET  
BSPP FEMALE**

3820

PART NUMBER	THREAD	TUBE NB	LENGTH	PRICE
aPSO32-12	1/2"	1/2"	35.0 mm	£4.10
aPSO32-34	3/4"	3/4"	39.3 mm	£4.56
aPSO32-1	1"	1"	46.1 mm	£5.72
aPSO32-114	1 1/4"	1 1/4"	52.4 mm	£8.84
aPSO32-112	1 1/2"	1 1/2"	57.4 mm	£10.28
aPSO32-2	2"	2"	68.7 mm	£13.34
aPSO32-212	2 1/2"	2 1/2"	79.2 mm	£31.59
aPSO32-3	3"	3"	92.3 mm	£37.65
aPSO32-4	4"	4"	108.3 mm	£46.55



**STUB FLANGE**

3820

PART NUMBER	TUBE NB	LENGTH	PRICE
aPST23-12	1/2"	16.0 mm	£1.73
aPST23-34	3/4"	19.0 mm	£1.85
aPST23-1	1"	22.0 mm	£2.25
aPST23-114	1 1/4"	26.0 mm	£4.10
aPST23-112	1 1/2"	31.0 mm	£6.24
aPST23-2	2"	38.0 mm	£8.84
aPST23-212	2 1/2"	44.0 mm	£14.50
aPST23-3	3"	51.0 mm	£17.79
aPST23-4	4"	61.0 mm	£23.39
aPST23-5	5"	76.0 mm	£52.90
aPST23-6	6"	86.0 mm	£60.35
aPST23-8	8"	119.0 mm	£185.90

**EQUAL TEE  
BSPP FEMALE**

3820

PART NUMBER	THREAD	PRICE
aPTE41-12	1/2"	£4.56
aPTE41-34	3/4"	£5.89
aPTE41-1	1"	£7.91
aPTE41-114	1 1/4"	£14.15
aPTE41-112	1 1/2"	£18.31
aPTE41-2	2"	£30.78
aPTE41-212	2 1/2"	£52.44
aPTE41-3	3"	£75.25
aPTE41-4	4"	£125.43



**EQUAL TEE**

3820

PART NUMBER	TUBE NB	PRICE
aPTE43-12	1/2"	£2.25
aPTE43-34	3/4"	£2.89
aPTE43-1	1"	£4.27
aPTE43-114	1 1/4"	£6.12
aPTE43-112	1 1/2"	£8.84
aPTE43-2	2"	£14.03
aPTE43-212	2 1/2"	£24.14
aPTE43-3	3"	£40.60
aPTE43-4	4"	£59.54
aPTE43-5	5"	£157.89
aPTE43-6	6"	£207.03
aPTE43-8	8"	£504.33

**45° TEE**

3820

PART NUMBER	TUBE NB	PRICE
aPTY43-12	1/2"	£10.51
aPTY43-34	3/4"	£11.20
aPTY43-1	1"	£12.65
aPTY43-114	1 1/4"	£15.42
aPTY43-112	1 1/2"	£19.46
aPTY43-2	2"	£30.09



**SOCKET UNION  
BSPP FEMALE**

3820

PART NUMBER	THREAD	TUBE NB	PRICE
aPUN72-12	1/2"	1/2"	£10.97
aPUN72-34	3/4"	3/4"	£12.07
aPUN72-1	1"	1"	£15.07
aPUN72-114	1 1/4"	1 1/4"	£18.42
aPUN72-112	1 1/2"	1 1/2"	£24.14
aPUN72-2	2"	2"	£33.61

**SOCKET UNION  
BSPP FEMALE / FEMALE**

3820

PART NUMBER	THREAD	THREAD	PRICE
aPUN81-12	1/2"	1/2"	£12.30
aPUN81-34	3/4"	3/4"	£13.34
aPUN81-1	1"	1"	£19.06
aPUN81-114	1 1/4"	1 1/4"	£23.39
aPUN81-112	1 1/2"	1 1/2"	£32.92
aPUN81-2	2"	2"	£46.32



3820

### SOCKET UNION

PART NUMBER	TUBE NB	TUBE NB	PRICE
aPUN83-12	1/2"	1/2"	£7.62
aPUN83-34	3/4"	3/4"	£8.66
aPUN83-1	1"	1"	£11.20
aPUN83-114	1 1/4"	1 1/4"	£14.03
aPUN83-112	1 1/2"	1 1/2"	£19.23
aPUN83-2	2"	2"	£24.83
aPUN83-212	2 1/2"	2 1/2"	£63.70
aPUN83-3	3"	3"	£92.46
aPUN83-4	4"	4"	£125.14



3820

### REDUCING NIPPLE BSPP MALE / MALE

PART NUMBER	THREAD	THREAD	PRICE
aPNR613412	3/4"	1/2"	£3.87
aPNR61134	1"	3/4"	£5.20
aPNR611141	1 1/4"	1"	£6.24
aPNR611214	1 1/2"	1 1/4"	£7.74
aPNR612112	2"	1 1/2"	£12.19



3820

### REDUCING BUSH BSPP FEMALE / FEMALE

PART NUMBER	TUBE NB	THREAD	PRICE
aPRB303412	3/4"	1/2"	£3.29
aPRB30134	1"	3/4"	£4.56
aPRB301141	1 1/4"	1"	£7.51
aPRB301214	1 1/2"	1 1/4"	£8.20
aPRB302112	2"	1 1/2"	£10.86



3820

### REDUCING BUSH SHORT PATTERN BSPP MALE / FEMALE

PART NUMBER	THREAD A	THREAD B	PRICE
aPRB913412	3/4"	1/2"	£3.64
aPRB91134	1"	3/4"	£4.91
aPRB911141	1 1/4"	1"	£10.86
aPRB911214	1 1/2"	1 1/4"	£11.78
aPRB912112	2"	1 1/2"	£15.36



3820

### REDUCING BUSH

PART NUMBER	TUBE NB	TUBE NB	PRICE
aPRB933412	3/4"	1/2"	£1.50
aPRB93112	1"	1/2"	£1.91
aPRB93134	1"	3/4"	£1.91
aPRB931412	1 1/4"	1/2"	£2.54
aPRB931434	1 1/4"	3/4"	£2.54
aPRB931141	1 1/4"	1"	£2.54
aPRB931234	1 1/2"	3/4"	£3.06
aPRB931121	1 1/2"	1"	£3.06
aPRB931214	1 1/2"	1 1/4"	£3.06
aPRB9321	2"	1"	£4.27
aPRB932114	2"	1 1/4"	£4.27
aPRB932112	2"	1 1/2"	£4.27
aPRB932212	2 1/2"	1 1/2"	£7.62
aPRB932122	2 1/2"	2"	£7.62
aPRB933112	3"	1 1/2"	£12.19
aPRB9332	3"	2"	£12.19
aPRB933212	3"	2 1/2"	£12.19
aPRB9342	4"	2"	£16.75
aPRB934212	4"	2 1/2"	£16.75
aPRB9343	4"	3"	£16.75
aPRB9353	5"	3"	£48.34
aPRB9354	5"	4"	£48.34
aPRB9364	6"	4"	£52.03
aPRB9386	8"	6"	£165.11



3820

### REDUCING BUSH LONG PATTERN BSPP MALE / FEMALE

PART NUMBER	THREAD A	THREAD B	PRICE
aPRE611238	1/2"	3/8"	£2.54
aPRE61112	1"	1/2"	£5.20
aPRE611434	1 1/4"	3/4"	£6.35
aPRE611121	1 1/2"	1"	£7.62
aPRE6121	2"	1"	£12.19
aPRE6132	3"	2"	£24.31
aPRE6143	4"	3"	£39.21



3820

### REDUCING TEE BSPP

PART NUMBER	THREAD	THREAD	PRICE
aPTR43-212	2"	1/2"	£15.13
aPTR43-32	3"	2"	£41.00
aPTR43-42	4"	2"	£63.70



3820

### REDUCING SOCKET

PART NUMBER	TUBE NB	TUBE NB	PRICE
aPSO141220	1/2"	20 mm	£1.91
aPSO143425	3/4"	25 mm	£2.02
aPSO14132	1"	32 mm	£2.48
aPSO141440	1 1/4"	40 mm	£3.75
aPSO141250	1 1/2"	50 mm	£5.43
aPSO14263	2"	63 mm	£12.47
aPSO14390	3"	90 mm	£22.29
aPSO144110	4"	110 mm	£36.21



3820

### REDUCING SOCKET

PART NUMBER	TUBE NB	TUBE NB	PRICE
aPRS133412	3/4"	1/2"	£2.31
aPRS13134	1"	3/4"	£3.06
aPRS131141	1 1/4"	1"	£4.45
aPRS131214	1 1/2"	1 1/4"	£4.91
aPRS132112	2"	1 1/2"	£7.45
aPRS132122	2 1/2"	2"	£20.27
aPRS133212	3"	2 1/2"	£22.93
aPRS1343	4"	3"	£33.44

## DESCRIPTION

ABS (acrylonitrile butadiene styrene) is an extremely robust thermoplastic pipework system, used by many industries in systems for food and beverage production, sewerage and water treatments, etc. ABS is extremely resistant to impact, with good resistance to chemicals, is non-toxic, conforming to the toxicological requirements of the British Plastic Federation, British Biological Research Association Code of Practice for Food Usage 45/5, and EEC requirements for plastic materials in contact with foodstuffs. These systems are light, strong and simple to fit using solvent cement. ABS products are clearly identified by their light grey colour. Has good resistance to a wide range of diluted inorganic acids, organic acids, salts, animal fats and oils but ABS is NOT resistant to organic solvents, alcohol, petrol, acetic acid or vegetable oils.

## MANUFACTURING STANDARDS

ABS products are generally manufactured in accordance with the following standards:

- Primeline pipe – BS5391 Part 1
- Fittings – BS5392 Part 1
- Threaded fittings – BS21, DIN2999, ISO7

## SPECIFICATIONS

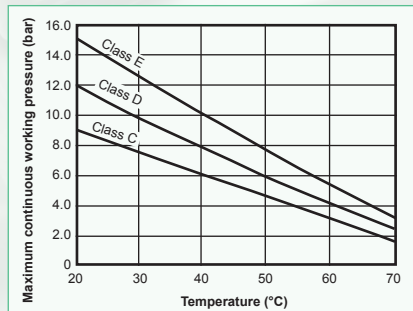
Unless otherwise stated ABS pressure fittings have the following pressure ratings: \* All quoted at 20°C

- Solvent weld – 1/2" to 8" = Class E/15 bar
- 10" = Class D/12 bar
- Threaded = Class D/12 bar

Pressure ratings for plastic pipework systems are always quoted at 20°C, it is a fundamental principle of such systems that if the temperature is increased then the pressure rating must be reduced.

ABS systems should never be used for temperatures in excess of 70°C.

The following chart gives a rough guide to the pressure / temperature relationship of ABS pipework systems.



In above ground installations it is essential to provide support to ensure that the weight of the pipe and its contents are adequately supported. The following recommended maximum spacing are for ABS pipes operating under the following conditions:

1. Fluid density of not more than 1g/cm<sup>3</sup>
2. PN15 pipe
3. Horizontal pipe runs

### SPACING GIVEN IN METRES

NOMINAL BORE	20°C	50°C	70°C
	PIPEWORK SUPPORT CENTRES		
3/8"	0.8	0.5	0.4
1/2"	0.9	0.6	0.5
3/4"	1.0	0.7	0.6
1"	1.1	0.8	0.7
1 1/4"	1.2	0.9	0.7
1 1/2"	1.3	1.0	0.7
2"	1.4	1.1	0.8
2 1/2"	1.5	1.2	0.8
3"	1.6	1.2	0.9
4"	1.8	1.3	1.0
5"	2.0	1.5	1.1
6"	2.1	1.6	1.2
8"	2.3	1.8	1.5

### DIMENSIONS IN MM

NOMINAL BORE	MEAN OD
–	–
1/2"	21.4
3/4"	26.7
1"	33.6
1 1/4"	42.2
1 1/2"	48.3
2"	60.3
2 1/2"	75.2
3"	88.9
4"	114.3
5"	140.2
6"	168.3
8"	219.1

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

## ADAPTOR BSPP MALE



3825

PART NUMBER	THREAD	TUBE NB	LENGTH	PRICE
aAAD32-12	1/2"	1/2"	46.0 mm	£2.37
aAAD32-34	3/4"	3/4"	50.0 mm	£3.06
aAAD32-1	1"	1"	57.0 mm	£4.27
aAAD32-114	1 1/4"	1 1/4"	66.5 mm	£5.95
aAAD32-112	1 1/2"	1 1/2"	74.0 mm	£7.68
aAAD32-2	2"	2"	84.0 mm	£11.03
aAAD32-3	3"	3"	110.0 mm	£31.76
aAAD32-4	4"	4"	120.0 mm	£42.62

## ADAPTOR BSPP FEMALE



3825

PART NUMBER	THREAD	TUBE NB	LENGTH	PRICE
aAAD42-12	1/2"	1/2"	39.0 mm	£4.33
aAAD42-34	3/4"	3/4"	43.3 mm	£4.91
aAAD42-1	1"	1"	49.1 mm	£5.83
aAAD42-114	1 1/4"	1 1/4"	57.4 mm	£7.05
aAAD42-112	1 1/2"	1 1/2"	62.4 mm	£8.26
aAAD42-2	2"	2"	73.7 mm	£14.84
aAAD42-3	3"	3"	98.3 mm	£40.08
aAAD42-4	4"	4"	115.3 mm	£63.47

## 90° R / S BEND



3825

PART NUMBER	TUBE NB	PRICE
aABE33-12	1/2"	£7.51
aABE33-34	3/4"	£8.84
aABE33-1	1"	£11.84
aABE33-114	1 1/4"	£16.98
aABE33-112	1 1/2"	£21.19
aABE33-2	2"	£28.12
aABE33-212	2 1/2"	£62.02
aABE33-3	3"	£75.88
aABE33-4	4"	£122.83

## CAPS



3825

PART NUMBER	TUBE NB	LENGTH	PRICE
aACA73-12	1/2"	27.0 mm	£1.50
aACA73-34	3/4"	31.0 mm	£1.67
aACA73-1	1"	36.0 mm	£1.96
aACA73-114	1 1/4"	43.0 mm	£3.06
aACA73-112	1 1/2"	49.0 mm	£4.79
aACA73-2	2"	57.0 mm	£6.18
aACA73-212	2 1/2"	67.0 mm	£15.53
aACA73-3	3"	80.0 mm	£18.31
aACA73-4	4"	95.0 mm	£28.01
aACA73-5	5"	114.0 mm	£49.72
aACA73-6	6"	126.0 mm	£74.27

## EQUAL CROSS



3825

PART NUMBER	TUBE NB	PRICE
aACR33-12	1/2"	£8.32
aACR33-34	3/4"	£9.01
aACR33-1	1"	£10.91
aACR33-114	1 1/4"	£15.53
aACR33-112	1 1/2"	£19.58
aACR33-2	2"	£26.74

## 90° ELBOW BSPP FEMALE



3825

PART NUMBER	THREAD	TUBE NB	PRICE
aAEL32-12	1/2"	1/2"	£5.08
aAEL32-34	3/4"	3/4"	£5.43
aAEL32-1	1"	1"	£7.05
aAEL32-114	1 1/4"	1 1/4"	£14.38
aAEL32-112	1 1/2"	1 1/2"	£16.05
aAEL32-2	2"	2"	£22.70

## 90° ELBOW



3825

PART NUMBER	TUBE NB	PRICE
aAEL53-12	1/2"	£2.02
aAEL53-34	3/4"	£2.37
aAEL53-1	1"	£3.23
aAEL53-114	1 1/4"	£5.60
aAEL53-112	1 1/2"	£7.28
aAEL53-2	2"	£10.91
aAEL53-212	2 1/2"	£21.08
aAEL53-3	3"	£31.53
aAEL53-4	4"	£47.12
aAEL53-5	5"	£108.57
aAEL53-6	6"	£188.78
aAEL53-8	8"	£450.62

## 45° ELBOW



3825

PART NUMBER	TUBE NB	PRICE
aAEY53-12	1/2"	£3.75
aAEY53-34	3/4"	£3.87
aAEY53-1	1"	£4.85
aAEY53-114	1 1/4"	£7.05
aAEY53-112	1 1/2"	£8.78
aAEY53-2	2"	£12.13
aAEY53-212	2 1/2"	£19.12
aAEY53-3	3"	£28.47
aAEY53-4	4"	£59.14
aAEY53-5	5"	£100.25
aAEY53-6	6"	£122.78

You may also need ...

## Flanges



... on pages 890 – 891, section 16



## FULL FACED FLANGE TABLE E

3825

PART NUMBER	TUBE NB	PRICE
aAFF30-114	1 1/4"	£13.05
aAFF30-112	1 1/2"	£15.59
aAFF30-2	2"	£19.46

## FULL FACED FLANGE PN16

3825

PART NUMBER	TUBE NB	PRICE
aAFF33-12	1/2"	£8.26
aAFF33-34	3/4"	£8.43
aAFF33-1	1"	£10.05
aAFF33-114	1 1/4"	£13.05
aAFF33-112	1 1/2"	£15.59
aAFF33-2	2"	£19.46
aAFF33-212	2 1/2"	£27.32
aAFF33-3	3"	£30.55
aAFF33-4	4"	£40.77



## SOCKET

3825

PART NUMBER	TUBE NB	LENGTH	PRICE
aASO13-12	1/2"	35.0 mm	£1.50
aASO13-34	3/4"	41.0 mm	£1.67
aASO13-1	1"	47.0 mm	£1.91
aASO13-114	1 1/4"	55.0 mm	£3.35
aASO13-112	1 1/2"	65.0 mm	£3.93
aASO13-2	2"	79.0 mm	£5.60
aASO13-212	2 1/2"	92.0 mm	£12.13
aASO13-3	3"	107.0 mm	£22.29
aASO13-4	4"	128.0 mm	£31.76
aASO13-5	5"	160.0 mm	£61.73
aASO13-6	6"	180.0 mm	£79.18
aASO13-8	8"	249.0 mm	£246.36

## SOCKET BSPP FEMALE

3825

PART NUMBER	THREAD	TUBE NB	LENGTH	PRICE
aASO32-12	1/2"	1/2"	35.0 mm	£4.10
aASO32-34	3/4"	3/4"	39.3 mm	£4.50
aASO32-1	1"	1"	46.1 mm	£5.60
aASO32-114	1 1/4"	1 1/4"	52.4 mm	£8.78
aASO32-112	1 1/2"	1 1/2"	57.4 mm	£10.28
aASO32-2	2"	2"	68.7 mm	£13.57
aASO32-212	2 1/2"	2 1/2"	79.2 mm	£35.17
aASO32-3	3"	3"	92.3 mm	£37.02
aASO32-4	4"	4"	108.3 mm	£48.86



## STUB FLANGE

3825

PART NUMBER	TUBE NB	LENGTH	PRICE
aAST23-12	1/2"	16.0 mm	£1.73
aAST23-34	3/4"	19.0 mm	£1.85
aAST23-1	1"	22.0 mm	£2.25
aAST23-114	1 1/4"	26.0 mm	£3.98
aAST23-112	1 1/2"	31.0 mm	£5.95
aAST23-2	2"	38.0 mm	£9.12
aAST23-212	2 1/2"	44.0 mm	£14.44
aAST23-3	3"	51.0 mm	£17.79
aAST23-4	4"	61.0 mm	£23.04
aAST23-5	5"	76.0 mm	£52.96
aAST23-6	6"	86.0 mm	£59.89
aAST23-8	8"	119.0 mm	£185.72

## EQUAL TEE

3825

PART NUMBER	TUBE NB	PRICE
aATE43-12	1/2"	£2.25
aATE43-34	3/4"	£3.06
aATE43-1	1"	£4.33
aATE43-114	1 1/4"	£6.18
aATE43-112	1 1/2"	£9.12
aATE43-2	2"	£13.86
aATE43-212	2 1/2"	£24.08
aATE43-3	3"	£40.54
aATE43-4	4"	£59.48
aATE43-5	5"	£157.89
aATE43-6	6"	£208.02
aATE43-8	8"	£503.81



## 45° TEE

3825

PART NUMBER	TUBE NB	PRICE
aATY43-12	1/2"	£10.63
aATY43-34	3/4"	£11.26
aATY43-1	1"	£12.76
aATY43-114	1 1/4"	£15.42
aATY43-112	1 1/2"	£19.29
aATY43-2	2"	£29.45

## SOCKET UNION

3825

PART NUMBER	TUBE NB	TUBE NB	PRICE
aAUN83-12	1/2"	1/2"	£7.80
aAUN83-34	3/4"	3/4"	£8.43
aAUN83-1	1"	1"	£11.38
aAUN83-114	1 1/4"	1 1/4"	£13.86
aAUN83-112	1 1/2"	1 1/2"	£19.12
aAUN83-2	2"	2"	£25.01
aAUN83-212	2 1/2"	2 1/2"	£67.57
aAUN83-3	3"	3"	£92.57
aAUN83-4	4"	4"	£124.62



## ABS PIPE FITTINGS



3825



3825

### REDUCING BUSH

PART NUMBER	TUBE NB	TUBE NB	PRICE
aARB933412	3/4"	1/2"	£1.50
aARB93112	1"	1/2"	£1.91
aARB93134	1"	3/4"	£1.91
aARB931412	1 1/4"	1/2"	£2.66
aARB931434	1 1/4"	3/4"	£2.66
aARB931141	1 1/4"	1"	£2.54
aARB931234	1 1/2"	3/4"	£3.23
aARB931121	1 1/2"	1"	£3.23
aARB931214	1 1/2"	1 1/4"	£3.23
aARB9321	2"	1"	£4.33
aARB932114	2"	1 1/4"	£4.33
aARB932112	2"	1 1/2"	£4.33
aARB932122	2 1/2"	2"	£7.80
aARB933112	3"	1 1/2"	£13.40
aARB9332	3"	2"	£13.40
aARB933212	3"	2 1/2"	£13.40
aARB9342	4"	2"	£16.69
aARB934212	4"	2 1/2"	£17.79
aARB9343	4"	3"	£16.69
aARB9354	5"	4"	£48.28
aARB9364	6"	4"	£51.46
aARB9386	8"	6"	£164.65

### REDUCING BUSH BSPP FEMALE / FEMALE

PART NUMBER	TUBE NB	THREAD	PRICE
aARB303412	3/4"	1/2"	£3.41
aARB30134	1"	3/4"	£4.50



3825

### REDUCING SOCKET

PART NUMBER	TUBE NB	TUBE NB	PRICE
aARS133412	3/4"	1/2"	£2.37
aARS13134	1"	3/4"	£3.23
aARS131141	1 1/4"	1"	£4.45
aARS131214	1 1/2"	1 1/4"	£4.85
aARS132112	2"	1 1/2"	£7.62
aARS132122	2 1/2"	2"	£21.25
aARS133212	3"	2 1/2"	£23.91
aARS1343	4"	3"	£35.05

## CHECK VALVES – FOR SOLVENT WELDING



3828



3828

### ABS DOUBLE UNION EPDM SEALS

PART NUMBER	TUBE NB	PRICE
aACVD13-12	1/2"	£59.97
aACVD13-34	3/4"	£70.72
aACVD13-1	1"	£74.73
aACVD13-114	1 1/4"	£106.13
aACVD13-112	1 1/2"	£120.12
aACVD13-2	2"	£165.65

### uPVC DOUBLE UNION EPDM SEALS

PART NUMBER	TUBE NB	PRICE
aPCVD13-12	1/2"	£53.18
aPCVD13-34	3/4"	£59.15
aPCVD13-1	1"	£63.66
aPCVD13-114	1 1/4"	£76.88
aPCVD13-112	1 1/2"	£93.60
aPCVD13-2	2"	£134.39

## uPVC AND ABS ACCESSORIES



3820



3825

### SOLVENT CEMENT FOR uPVC FITTINGS

PART NUMBER	DESCRIPTION	PRICE
aCEMENT-PVC	500 ml tin	£50.42

### SOLVENT CEMENT FOR ABS FITTINGS

PART NUMBER	DESCRIPTION	PRICE
aCEMENT-ABS	500 ml tin	£28.64



3820

### CLEANING FLUID FOR uPVC & ABS FITTINGS

PART NUMBER	DESCRIPTION	PRICE
aCLEANERMEK	500 ml tin	£23.85

uPVC TUBING



uPVC TUBING  
CLASS C, 9 BAR

3815

uPVC TUBING  
CLASS E, 15 BAR

3815

PART NUMBER	TUBE NB	LENGTH	PRICE
aP2C-3	2"	3.0 m	£44.69
aP3C-3	3"	3.0 m	£92.05
aP4C-3	4"	3.0 m	£144.30
aP5C-3	5"	3.0 m	£213.75
aP6C-3	6"	3.0 m	£309.08
aP8C-3	8"	3.0 m	£496.68
aP2C-6	2"	6.0 m	£89.32
aP3C-6	3"	6.0 m	£184.09
aP4C-6	4"	6.0 m	£288.60
aP5C-6	5"	6.0 m	£427.39
aP6C-6	6"	6.0 m	£618.10
aP8C-6	8"	6.0 m	£993.35

PART NUMBER	TUBE NB	LENGTH	PRICE
aP1/2E-3	1/2"	3.0 m	£12.08
aP3/4E-3	3/4"	3.0 m	£17.08
aP1E-3	1"	3.0 m	£21.59
aP11/4E-3	1 1/4"	3.0 m	£32.44
aP11/2E-3	1 1/2"	3.0 m	£42.52
aP2E-3	2"	3.0 m	£66.33
aP3E-3	3"	3.0 m	£142.19
aP4E-3	4"	3.0 m	£224.71
aP6E-3	6"	3.0 m	£484.49
aP1/2E-6	1/2"	6.0 m	£24.21
aP3/4E-6	3/4"	6.0 m	£34.17
aP1E-6	1"	6.0 m	£43.13
aP11/4E-6	1 1/4"	6.0 m	£64.89
aP11/2E-6	1 1/2"	6.0 m	£85.09
aP2E-6	2"	6.0 m	£132.67
aP3E-6	3"	6.0 m	£284.32
aP4E-6	4"	6.0 m	£449.43
aP6E-6	6"	6.0 m	£968.98



uPVC TUBING  
CLASS 7, 12 BAR

3815

PART NUMBER	TUBE NB	LENGTH	PRICE
aP1/27-3	1/2"	3.0 m	£28.33
aP3/47-3	3/4"	3.0 m	£38.18
aP17-3	1"	3.0 m	£54.26
aP11/47-3	1 1/4"	3.0 m	£75.57
aP11/27-3	1 1/2"	3.0 m	£92.66
aP27-3	2"	3.0 m	£126.21
aP1/27-6	1/2"	6.0 m	£56.65
aP3/47-6	3/4"	6.0 m	£76.35
aP17-6	1"	6.0 m	£108.52
aP11/47-6	1 1/4"	6.0 m	£151.20
aP11/27-6	1 1/2"	6.0 m	£185.26
aP27-6	2"	6.0 m	£252.32

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

uPVC tubing is  
WRAS approved



Carriage for  
3.0 & 6.0 metre  
lengths charged  
at cost

Please ask for  
details

ABS TUBING



ABS TUBING  
CLASS C, 9 BAR

3815

ABS TUBING  
CLASS E, 15 BAR

3815

PART NUMBER	TUBE NB	LENGTH	PRICE
aA1C-3	1"	2.9 m	£33.71
aA11/4C-3	1 1/4"	2.9 m	£56.61
aA11/2C-3	1 1/2"	2.9 m	£72.04
aA2C-3	2"	2.9 m	£96.85
aA21/2C-3	2 1/2"	2.9 m	£167.52
aA3C-3	3"	2.9 m	£199.86
aA4C-3	4"	2.9 m	£329.14
aA5C-3	5"	2.9 m	£POA
aA6C-3	6"	2.9 m	£650.95
aA8C-3	8"	2.9 m	£1321.81
aA1C-6	1"	5.8 m	£67.43
aA11/4C-6	1 1/4"	5.8 m	£113.20
aA11/2C-6	1 1/2"	5.8 m	£144.07
aA2C-6	2"	5.8 m	£193.68
aA21/2C-6	2 1/2"	5.8 m	£335.02
aA3C-6	3"	5.8 m	£399.70
aA4C-6	4"	5.8 m	£658.31
aA5C-6	5"	5.8 m	£POA
aA6C-6	6"	5.8 m	£1301.93
aA8C-6	8"	5.8 m	£2643.60

PART NUMBER	TUBE NB	LENGTH	PRICE
aA1/2E-3	1/2"	2.9 m	£25.76
aA3/4E-3	3/4"	2.9 m	£39.70
aA1E-3	1"	2.9 m	£52.16
aA11/4E-3	1 1/4"	2.9 m	£77.92
aA11/2E-3	1 1/2"	2.9 m	£102.83
aA2E-3	2"	2.9 m	£128.62
aA3E-3	3"	2.9 m	£258.76
aA4E-3	4"	2.9 m	£415.57
aA1/2E-6	1/2"	5.8 m	£51.51
aA3/4E-6	3/4"	5.8 m	£79.40
aA1E-6	1"	5.8 m	£104.32
aA11/4E-6	1 1/4"	5.8 m	£155.83
aA11/2E-6	1 1/2"	5.8 m	£205.67
aA2E-6	2"	5.8 m	£257.25
aA3E-6	3"	5.8 m	£517.53
aA4E-6	4"	5.8 m	£831.13

**uPVC SPECIFICATIONS**

Pressure rating @ 20 °C	Thread 3/8" – 2"	Thread 2 1/2" – 4"
	16 bar	10 bar
Temperature range	0°C to +60°C increase in temperature will reduce working pressure	

**ABS SPECIFICATIONS**

Pressure rating @ 20°C	Thread 3/8" – 2"	Thread 2 1/2" & 4"
	15 bar	9 bar
Temperature range	-40°C to +80°C increase in temperature will reduce working pressure	

**DOUBLE UNION – uPVC  
EPDM SEALS – FEMALE THREAD**



3828

PART NUMBER	FEMALE	PRICE
aPBVD11-38	3/8"	£23.38
aPBVD11-12	1/2"	£23.38
aPBVD11-34	3/4"	£22.88
aPBVD11-1	1"	£35.27
aPBVD11114	1 1/4"	£47.26
aPBVD11112	1 1/2"	£59.06
aPBVD11-2	2"	£87.59
aPBVD11212	2 1/2"	£266.08
aPBVD11-3	3"	£278.98
aPBVD11-4	4"	£531.48

**DOUBLE UNION  
FOR SOLVENT WELDING – uPVC  
EPDM SEALS**



3828

PART NUMBER	TUBE NB	PRICE
aPBVD13-38	3/8"	£18.91
aPBVD13-12	1/2"	£18.91
aPBVD13-34	3/4"	£23.79
aPBVD13-1	1"	£36.64
aPBVD13114	1 1/4"	£43.93
aPBVD13112	1 1/2"	£54.41
aPBVD13-2	2"	£82.85
aPBVD13212	2 1/2"	£251.05
aPBVD13-3	3"	£265.81
aPBVD13-4	4"	£499.95

**INDUSTRIAL DOUBLE UNION  
FOR SOLVENT WELDING – ABS  
EPDM SEALS**



3828

PART NUMBER	TUBE NB	PRICE
aABVI13-38	3/8"	£57.19
aABVI13-12	1/2"	£58.83
aABVI13-34	3/4"	£69.95
aABVI13-1	1"	£83.53
aABVI13114	1 1/4"	£107.04
aABVI13112	1 1/2"	£137.94
aABVI13-2	2"	£175.49
aABVI13212	2 1/2"	£348.70
aABVI13-3	3"	£447.54
aABVI13-4	4"	£621.89

**INDUSTRIAL DOUBLE UNION  
FOR SOLVENT WELDING – ABS  
FPM SEALS**



3828

PART NUMBER	TUBE NB	PRICE
aABVI33-38	3/8"	£68.95
aABVI33-12	1/2"	£71.50
aABVI33-34	3/4"	£83.07
aABVI33-1	1"	£104.17
aABVI33114	1 1/4"	£126.37
aABVI33112	1 1/2"	£166.83
aABVI33-2	2"	£225.25
aABVI33212	2 1/2"	£400.47
aABVI33-3	3"	£554.18
aABVI33-4	4"	£712.99

**INDUSTRIAL DOUBLE UNION  
FOR SOLVENT WELDING – uPVC  
EPDM SEALS**



3828

PART NUMBER	TUBE NB	PRICE
aPBVI13-38	3/8"	£61.25
aPBVI13-12	1/2"	£61.25
aPBVI13-34	3/4"	£72.78
aPBVI13-1	1"	£87.45
aPBVI13114	1 1/4"	£110.87
aPBVI13112	1 1/2"	£145.37
aPBVI13-2	2"	£183.15
aPBVI13212	2 1/2"	£384.20
aPBVI13-3	3"	£439.57
aPBVI13-4	4"	£610.55

**INDUSTRIAL DOUBLE UNION  
FOR SOLVENT WELDING – uPVC  
FPM SEALS**



3828

PART NUMBER	TUBE NB	PRICE
aPBVI33-38	3/8"	£74.23
aPBVI33-12	1/2"	£74.23
aPBVI33-34	3/4"	£87.40
aPBVI33-1	1"	£104.99
aPBVI33114	1 1/4"	£132.97
aPBVI33112	1 1/2"	£173.62
aPBVI33-2	2"	£219.78
aPBVI33212	2 1/2"	£458.62
aPBVI33-3	3"	£545.20
aPBVI33-4	4"	£698.31

**SINGLE UNION – uPVC  
EPDM SEALS – FEMALE THREAD**



3828

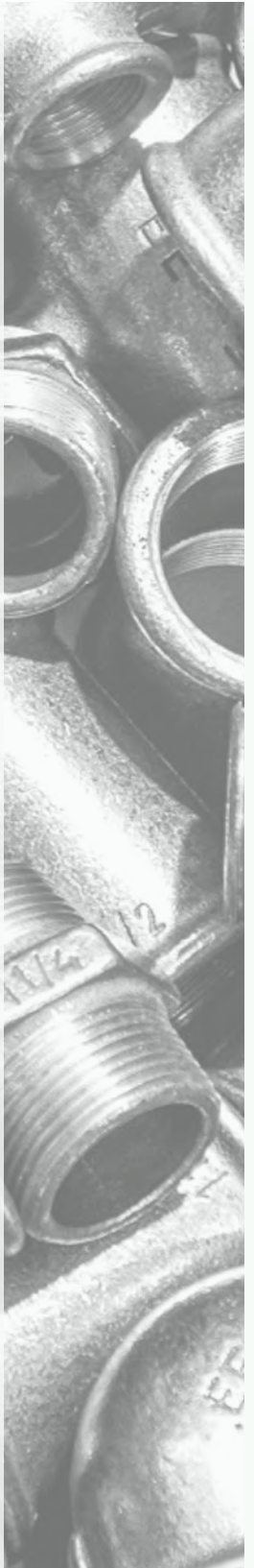
PART NUMBER	FEMALE	PRICE
aPBVS11-38	3/8"	£15.45
aPBVS11-12	1/2"	£15.45
aPBVS11-34	3/4"	£19.55
aPBVS11-1	1"	£23.61
aPBVS11114	1 1/4"	£34.91
aPBVS11112	1 1/2"	£46.53
aPBVS11-2	2"	£73.19
aPBVS11212	2 1/2"	£169.20
aPBVS11-3	3"	£189.21
aPBVS11-4	4"	£308.46

**SINGLE UNION  
FOR SOLVENT WELDING – uPVC  
EPDM SEALS**



3828

PART NUMBER	TUBE NB	PRICE
aPBVS13-38	3/8"	£14.04
aPBVS13-12	1/2"	£14.04
aPBVS13-34	3/4"	£16.41
aPBVS13-1	1"	£19.28
aPBVS13114	1 1/4"	£34.91
aPBVS13112	1 1/2"	£46.53
aPBVS13-2	2"	£59.97
aPBVS13212	2 1/2"	£161.18
aPBVS13-3	3"	£178.95
aPBVS13-4	4"	£301.58



## TECHNICAL DATA

Malleable cast iron fittings in black or hot dip galvanised finish, covered with a preservative for temporary prevention of rust film. Used in threaded pipe joints, such as water supply, gas, steam, central heating, sprinkler system networks, etc., transporting non-corrosive liquids and gases.

## RANGE OF DIMENSIONS

1/4 to 4 inches.

## MANUFACTURING

Manufactured according to EN10242 and ISO 49, construction symbol "A". Produced in Poland.

## MATERIAL

Fittings: Whiteheart malleable EN-GJMW-400-5 cast iron, according to EN 1562, equivalent to W 40-05, according to ISO 5922.

## THREADS

Threads: according to ISO 7/1 – R tapered external threads, internal cylindrical Rp threads and according to ISO 228/1 – G connecting threads.

## SURFACE / ZINC PLATING

Fittings can be supplied according to order: with black or galvanised surface. According to EN 10242, zinc coating weight relative to the surface exceeds 500 gr/m<sup>2</sup>, which corresponds to an average layer thickness of 70 µm. Both black and galvanised surfaces are protected against corrosion. Corrosion protection substance does not contain polycyclic aromatic hydrocarbons.

## OPERATING PRESSURE

2.5 MPa / 25 bar / at the temperature from -20°C to 120°C.  
2.0 MPa / 20 bar / at the temperature of 300°C.

## LEAK TEST

According to EN 10242, each fitting is subjected to a leak test at air pressure of at least 0.5 MPa / 5 bar which is equivalent to a minimum hydrostatic pressure of 2.0 MPa / 20 bar.

## WHITEHEART MALLEABLE IRON

EE brand pipe fittings are constructed from Whiteheart malleable iron. Whiteheart malleable iron has both good casting properties of cast iron and good mechanical properties of cast steel.

Whiteheart malleable iron is stronger and has more plasticity than Blackheart malleable iron. It has a tensile strength of 350 – 450 Mpa (hardness of approximately 220 HB), whilst Blackheart cast iron has a tensile strength of just 300 – 350 Mpa (hardness of approximately 170 – 190 HB).

It also benefits from good abrasion resistance, leak tightness, vibration damping and suffers from little thermal expansion.

## WORKING PRESSURE

25 bar @ -30°C to +120°C                      20 bar @ +120°C to +300°C

All threads adhere to ISO 7.1 – R tapered external threads, internal cylindrical Rp threads and acc. to ISO 228/1 – G connecting threads. Male threads are BSPT and female threads are BSPP.

## CERTIFICATION



EE brand Whiteheart malleable iron pipe fittings are certified by DVGW to verify compliance for gas and water applications.

## BLACK



5310

### SOCKET BSPP FEMALE

PART NUMBER	THREAD	PRICE
AL-270B4	1/4" BSPP	£2.96
AL-270C4	3/8" BSPP	£2.72
AL-270D4	1/2" BSPP	£2.24
AL-270E4	3/4" BSPP	£2.88
AL-270F4	1" BSPP	£3.68
AL-270G4	1 1/4" BSPP	£6.16
AL-270H4	1 1/2" BSPP	£8.56
AL-270L4	2" BSPP	£12.88

## GALVANISED



5320

### SOCKET BSPP FEMALE

PART NUMBER	THREAD	PRICE
AL-270B9	1/4" BSPP	£3.84
AL-270C9	3/8" BSPP	£3.28
AL-270D9	1/2" BSPP	£2.72
AL-270E9	3/4" BSPP	£3.68
AL-270F9	1" BSPP	£4.88
AL-270G9	1 1/4" BSPP	£7.60
AL-270H9	1 1/2" BSPP	£10.96
AL-270L9	2" BSPP	£16.16
AL-270M9	2 1/2" BSPP	£44.88
AL-270N9	3" BSPP	£53.92
AL-270P9	4" BSPP	£125.68



5310

### REDUCING SOCKET BSPP FEMALE

PART NUMBER	THREAD	THREAD	PRICE
AL-240CB4	3/8" BSPP	1/4" BSPP	£3.68
AL-240DB4	1/2" BSPP	1/4" BSPP	£3.92
AL-240DC4	1/2" BSPP	3/8" BSPP	£3.44
AL-240EC4	3/4" BSPP	3/8" BSPP	£4.48
AL-240ED4	3/4" BSPP	1/2" BSPP	£3.68
AL-240FC4	1" BSPP	3/8" BSPP	£6.24
AL-240FD4	1" BSPP	1/2" BSPP	£4.88
AL-240FE4	1" BSPP	3/4" BSPP	£4.32
AL-240GD4	1 1/4" BSPP	1/2" BSPP	£8.88
AL-240GE4	1 1/4" BSPP	3/4" BSPP	£8.00
AL-240GF4	1 1/4" BSPP	1" BSPP	£7.92
AL-240HE4	1 1/2" BSPP	3/4" BSPP	£12.40
AL-240HF4	1 1/2" BSPP	1" BSPP	£9.60
AL-240HG4	1 1/2" BSPP	1 1/4" BSPP	£10.40
AL-240LF4	2" BSPP	1" BSPP	£18.40
AL-240LG4	2" BSPP	1 1/4" BSPP	£16.56
AL-240LH4	2" BSPP	1 1/2" BSPP	£15.68



5320

### REDUCING SOCKET BSPP FEMALE

PART NUMBER	THREAD	THREAD	PRICE
AL-240CB9	3/8" BSPP	1/4" BSPP	£4.72
AL-240DB9	1/2" BSPP	1/4" BSPP	£4.88
AL-240DC9	1/2" BSPP	3/8" BSPP	£4.08
AL-240EC9	3/4" BSPP	3/8" BSPP	£5.68
AL-240ED9	3/4" BSPP	1/2" BSPP	£4.80
AL-240FC9	1" BSPP	3/8" BSPP	£7.92
AL-240FD9	1" BSPP	1/2" BSPP	£6.08
AL-240FE9	1" BSPP	3/4" BSPP	£5.52
AL-240GC9	1 1/4" BSPP	3/8" BSPP	£14.00
AL-240GD9	1 1/4" BSPP	1/2" BSPP	£11.52
AL-240GE9	1 1/4" BSPP	3/4" BSPP	£10.16
AL-240GF9	1 1/4" BSPP	1" BSPP	£9.84
AL-240HD9	1 1/2" BSPP	1/2" BSPP	£17.76
AL-240HE9	1 1/2" BSPP	3/4" BSPP	£15.76
AL-240HF9	1 1/2" BSPP	1" BSPP	£11.92
AL-240HG9	1 1/2" BSPP	1 1/4" BSPP	£13.20
AL-240LD9	2" BSPP	1/2" BSPP	£24.48
AL-240LE9	2" BSPP	3/4" BSPP	£25.44
AL-240LF9	2" BSPP	1" BSPP	£23.44
AL-240LG9	2" BSPP	1 1/4" BSPP	£20.72
AL-240LH9	2" BSPP	1 1/2" BSPP	£19.68
AL-240NH9	3" BSPP	1 1/2" BSPP	£57.20
AL-240NL9	3" BSPP	2" BSPP	£83.52
AL-240PL9	4" BSPP	2" BSPP	£144.40
AL-240PN9	4" BSPP	3" BSPP	£154.88

You may also need ...

**CEJN**  
eSafe couplings



... on pages 6 – 18, section 1

## BLACK



**EQUAL HEX NIPPLE  
BSPT MALE**

5310

PART NUMBER	THREAD	PRICE
AL-280B4	1/4" BSPT	£3.36
AL-280C4	3/8" BSPT	£3.68
AL-280D4	1/2" BSPT	£1.92
AL-280E4	3/4" BSPT	£2.56
AL-280F4	1" BSPT	£3.52
AL-280G4	1 1/4" BSPT	£6.16
AL-280H4	1 1/2" BSPT	£7.28
AL-280L4	2" BSPT	£12.64



**REDUCING HEX NIPPLE  
BSPT MALE**

5310

PART NUMBER	THREAD	THREAD	PRICE
AL-245CB4*	3/8" BSPT	1/4" BSPT	£3.68
AL-245DB4*	1/2" BSPT	1/4" BSPT	£5.20
AL-245DC4	1/2" BSPT	3/8" BSPT	£4.48
AL-245EC4	3/4" BSPT	3/8" BSPT	£8.08
AL-245ED4	3/4" BSPT	1/2" BSPT	£4.08
AL-245FD4	1" BSPT	1/2" BSPT	£7.92
AL-245FE4	1" BSPT	3/4" BSPT	£4.48
AL-245GD4	1 1/4" BSPT	1/2" BSPT	£12.16
AL-245GE4	1 1/4" BSPT	3/4" BSPT	£10.56
AL-245GF4	1 1/4" BSPT	1" BSPT	£7.36
AL-245HE4	1 1/2" BSPT	3/4" BSPT	£10.56
AL-245HF4	1 1/2" BSPT	1" BSPT	£16.56
AL-245HG4	1 1/2" BSPT	1 1/4" BSPT	£8.88
AL-245LF4	2" BSPT	1" BSPT	£14.96
AL-245LG4	2" BSPT	1 1/4" BSPT	£18.80
AL-245LH4	2" BSPT	1 1/2" BSPT	£17.04



**EQUAL 45° ELBOW  
BSPP FEMALE**

5310

PART NUMBER	THREAD	PRICE
AL-120D4	1/2" BSPP	£6.16
AL-120E4	3/4" BSPP	£7.68
AL-120F4	1" BSPP	£11.28

## GALVANISED



**EQUAL HEX NIPPLE  
BSPT MALE**

5320

PART NUMBER	THREAD	PRICE
AL-280B9	1/4" BSPT	£4.00
AL-280C9	3/8" BSPT	£4.56
AL-280D9	1/2" BSPT	£2.40
AL-280E9	3/4" BSPT	£3.12
AL-280F9	1" BSPT	£4.48
AL-280G9	1 1/4" BSPT	£7.60
AL-280H9	1 1/2" BSPT	£8.80
AL-280L9	2" BSPT	£15.76
AL-280M9	2 1/2" BSPT	£28.40
AL-280N9	3" BSPT	£34.16
AL-280P9	4" BSPT	£125.68



**REDUCING HEX NIPPLE  
BSPT MALE**

5320

PART NUMBER	THREAD	THREAD	PRICE
AL-245CB9	3/8" BSPT	1/4" BSPT	£4.88
AL-245DB9	1/2" BSPT	1/4" BSPT	£6.16
AL-245DC9	1/2" BSPT	3/8" BSPT	£5.68
AL-245EC9	3/4" BSPT	3/8" BSPT	£10.08
AL-245ED9	3/4" BSPT	1/2" BSPT	£4.96
AL-245FD9	1" BSPT	1/2" BSPT	£10.00
AL-245FE9	1" BSPT	3/4" BSPT	£5.68
AL-245GD9	1 1/4" BSPT	1/2" BSPT	£15.28
AL-245GE9	1 1/4" BSPT	3/4" BSPT	£12.96
AL-245GF9	1 1/4" BSPT	1" BSPT	£8.96
AL-245HE9	1 1/2" BSPT	3/4" BSPT	£13.20
AL-245HF9	1 1/2" BSPT	1" BSPT	£20.88
AL-245HG9	1 1/2" BSPT	1 1/4" BSPT	£11.36
AL-245LF9	2" BSPT	1" BSPT	£18.80
AL-245LG9	2" BSPT	1 1/4" BSPT	£23.44
AL-245LH9	2" BSPT	1 1/2" BSPT	£21.44
AL-245NL9	3" BSPT	2" BSPT	£63.20
AL-245NM9	3" BSPT	2 1/2" BSPT	£82.88



**EQUAL 45° ELBOW  
BSPP FEMALE**

5320

PART NUMBER	THREAD	PRICE
AL-120D9	1/2" BSPP	£7.92
AL-120E9	3/4" BSPP	£9.76
AL-120F9	1" BSPP	£14.16

Please note:  
\* Only available in steel

## BLACK



**EQUAL 90° ELBOW  
BSPP FEMALE**

5310

PART NUMBER	THREAD	PRICE
AL-090B4	1/4" BSPP	£3.28
AL-090C4	3/8" BSPP	£2.72
AL-090D4	1/2" BSPP	£1.76
AL-090E4	3/4" BSPP	£2.80
AL-090F4	1" BSPP	£4.32
AL-090G4	1 1/4" BSPP	£8.48
AL-090H4	1 1/2" BSPP	£13.60
AL-090L4	2" BSPP	£15.76

## GALVANISED



**EQUAL 90° ELBOW  
BSPP FEMALE**

5320

PART NUMBER	THREAD	PRICE
AL-090B9	1/4" BSPP	£3.92
AL-090C9	3/8" BSPP	£3.44
AL-090D9	1/2" BSPP	£2.40
AL-090E9	3/4" BSPP	£3.76
AL-090F9	1" BSPP	£5.52
AL-090G9	1 1/4" BSPP	£10.48
AL-090H9	1 1/2" BSPP	£16.80
AL-090L9	2" BSPP	£19.84
AL-090M9	2 1/2" BSPP	£58.08
AL-090N9	3" BSPP	£79.52
AL-090P9	4" BSPP	£142.40



**90° REDUCING ELBOW  
BSPP FEMALE**

5310

PART NUMBER	THREAD	THREAD	PRICE
AL-090DC4	1/2" BSPP	3/8" BSPP	£3.60
AL-090ED4	3/4" BSPP	1/2" BSPP	£4.32
AL-090FD4	1" BSPP	1/2" BSPP	£5.68
AL-090FE4	1" BSPP	3/4" BSPP	£6.24
AL-090GE4	1 1/4" BSPP	3/4" BSPP	£12.72
AL-090GF4	1 1/4" BSPP	1" BSPP	£10.08
AL-090HF4	1 1/2" BSPP	1" BSPP	£14.40
AL-090LH4	2" BSPP	1 1/2" BSPP	£25.68



**90° REDUCING ELBOW  
BSPP FEMALE**

5320

PART NUMBER	THREAD	THREAD	PRICE
AL-090DC9	1/2" BSPP	3/8" BSPP	£4.48
AL-090EC9	3/4" BSPP	3/8" BSPP	£7.44
AL-090ED9	3/4" BSPP	1/2" BSPP	£4.96
AL-090FD9	1" BSPP	1/2" BSPP	£7.36
AL-090FE9	1" BSPP	3/4" BSPP	£7.68
AL-090GE9	1 1/4" BSPP	3/4" BSPP	£15.76
AL-090GF9	1 1/4" BSPP	1" BSPP	£12.48
AL-090HE9	1 1/2" BSPP	3/4" BSPP	£19.20
AL-090HF9	1 1/2" BSPP	1" BSPP	£18.24
AL-090HG9	1 1/2" BSPP	1 1/4" BSPP	£19.84
AL-090LF9	2" BSPP	1" BSPP	£31.44
AL-090LG9	2" BSPP	1 1/4" BSPP	£34.08
AL-090LH9	2" BSPP	1 1/2" BSPP	£32.00



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

5310

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-092B4	1/4" BSPT	1/4" BSPP	£3.44
AL-092C4	3/8" BSPT	3/8" BSPP	£3.28
AL-092D4	1/2" BSPT	1/2" BSPP	£2.24
AL-092E4	3/4" BSPT	3/4" BSPP	£3.52
AL-092F4	1" BSPT	1" BSPP	£5.52
AL-092G4	1 1/4" BSPT	1 1/4" BSPP	£10.08
AL-092H4	1 1/2" BSPT	1 1/2" BSPP	£14.72
AL-092L4	2" BSPT	2" BSPP	£19.12



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

5320

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-092B9	1/4" BSPT	1/4" BSPP	£4.24
AL-092C9	3/8" BSPT	3/8" BSPP	£3.92
AL-092D9	1/2" BSPT	1/2" BSPP	£2.72
AL-092E9	3/4" BSPT	3/4" BSPP	£4.32
AL-092F9	1" BSPT	1" BSPP	£7.12
AL-092G9	1 1/4" BSPT	1 1/4" BSPP	£12.16
AL-092H9	1 1/2" BSPT	1 1/2" BSPP	£18.32
AL-092L9	2" BSPT	2" BSPP	£24.08
AL-092M9	2 1/2" BSPT	2 1/2" BSPP	£59.92
AL-092N9	3" BSPT	3" BSPP	£78.88
AL-092P9	4" BSPT	4" BSPP	£134.64

## BLACK



**EQUAL TEE  
BSPP FEMALE**

5310

PART NUMBER	THREAD	PRICE
AL-130B4	1/4" BSPP	£4.48
AL-130C4	3/8" BSPP	£4.00
AL-130D4	1/2" BSPP	£2.56
AL-130E4	3/4" BSPP	£4.40
AL-130F4	1" BSPP	£6.32
AL-130G4	1 1/4" BSPP	£11.52
AL-130H4	1 1/2" BSPP	£17.60
AL-130L4	2" BSPP	£25.28

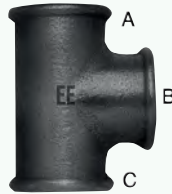
## GALVANISED



**EQUAL TEE  
BSPP FEMALE**

5320

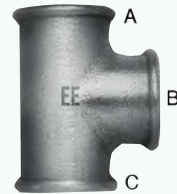
PART NUMBER	THREAD	PRICE
AL-130B9	1/4" BSPP	£5.68
AL-130C9	3/8" BSPP	£4.88
AL-130D9	1/2" BSPP	£3.20
AL-130E9	3/4" BSPP	£5.52
AL-130F9	1" BSPP	£8.00
AL-130G9	1 1/4" BSPP	£14.16
AL-130H9	1 1/2" BSPP	£22.00
AL-130L9	2" BSPP	£30.88
AL-130M9	2 1/2" BSPP	£70.80
AL-130N9	3" BSPP	£94.64
AL-130P9	4" BSPP	£185.28



**TEE REDUCING ON BRANCH  
BSPP FEMALE**

5310

PART NUMBER	THREAD A	THREAD B	THREAD C	PRICE
AL-130CB4	3/8"	1/4"	3/8"	£8.00
AL-130DB4	1/2"	1/4"	1/2"	£6.32
AL-130DC4	1/2"	3/8"	1/2"	£5.20
AL-130EB4	3/4"	1/4"	3/4"	£8.72
AL-130ED4	3/4"	1/2"	3/4"	£4.64
AL-130FC4	1"	3/8"	1"	£10.32
AL-130FD4	1"	1/2"	1"	£6.16
AL-130FE4	1"	3/4"	1"	£6.72
AL-130GD4	1 1/4"	1/2"	1 1/4"	£10.08
AL-130GE4	1 1/4"	3/4"	1 1/4"	£10.96
AL-130GF4	1 1/4"	1"	1 1/4"	£12.08
AL-130HD4	1 1/2"	1/2"	1 1/2"	£13.60
AL-130HE4	1 1/2"	3/4"	1 1/2"	£14.64
AL-130HF4	1 1/2"	1"	1 1/2"	£16.00
AL-130HG4	1 1/2"	1 1/4"	1 1/2"	£21.52
AL-130LD4	2"	1/2"	2"	£19.92
AL-130LE4	2"	3/4"	2"	£25.92
AL-130LF4	2"	1"	2"	£20.40
AL-130LG4	2"	1 1/4"	2"	£25.92
AL-130LH4	2"	1 1/2"	2"	£30.40



**TEE REDUCING ON BRANCH  
BSPP FEMALE**

5320

PART NUMBER	THREAD A	THREAD B	THREAD C	PRICE
AL-130CB9	3/8"	1/4"	3/8"	£10.16
AL-130DB9	1/2"	1/4"	1/2"	£8.00
AL-130DC9	1/2"	3/8"	1/2"	£6.24
AL-130EB9	3/4"	1/4"	3/4"	£10.80
AL-130EC9	3/4"	3/8"	3/4"	£7.68
AL-130ED9	3/4"	1/2"	3/4"	£5.84
AL-130FC9	1"	3/8"	1"	£13.12
AL-130FD9	1"	1/2"	1"	£7.60
AL-130FE9	1"	3/4"	1"	£8.16
AL-130GD9	1 1/4"	1/2"	1 1/4"	£12.72
AL-130GE9	1 1/4"	3/4"	1 1/4"	£13.44
AL-130GF9	1 1/4"	1"	1 1/4"	£15.04
AL-130HD9	1 1/2"	1/2"	1 1/2"	£17.12
AL-130HE9	1 1/2"	3/4"	1 1/2"	£18.56
AL-130HF9	1 1/2"	1"	1 1/2"	£20.00
AL-130HG9	1 1/2"	1 1/4"	1 1/2"	£27.20
AL-130LD9	2"	1/2"	2"	£25.28
AL-130LE9	2"	3/4"	2"	£32.80
AL-130LF9	2"	1"	2"	£25.44
AL-130LG9	2"	1 1/4"	2"	£32.80
AL-130LH9	2"	1 1/2"	2"	£37.76



**PITCHER TEE  
BSPP FEMALE**

5310

PART NUMBER	THREAD	PRICE
AL-131D4	1/2" BSPP	£10.08
AL-131E4	3/4" BSPP	£12.72
AL-131F4	1" BSPP	£19.04
AL-131G4	1 1/4" BSPP	£25.76
AL-131H4	1 1/2" BSPP	£38.24
AL-131L4	2" BSPP	£54.16



**PITCHER TEE  
BSPP FEMALE**

5320

PART NUMBER	THREAD	PRICE
AL-131D9	1/2" BSPP	£12.80
AL-131E9	3/4" BSPP	£16.16
AL-131F9	1" BSPP	£24.32
AL-131G9	1 1/4" BSPP	£32.96
AL-131H9	1 1/2" BSPP	£48.24
AL-131L9	2" BSPP	£69.44



## BLACK



**REDUCING BUSH**  
BSPT MALE / BSPP FEMALE

5310

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-241CB4	3/8" BSPT	1/4" BSPP	£2.40
AL-241DB4	1/2" BSPT	1/4" BSPP	£1.92
AL-241DC4	1/2" BSPT	3/8" BSPP	£1.84
AL-241EB4	3/4" BSPT	1/4" BSPP	£3.60
AL-241EC4	3/4" BSPT	3/8" BSPP	£2.72
AL-241ED4	3/4" BSPT	1/2" BSPP	£1.92
AL-241FC4	1" BSPT	3/8" BSPP	£4.48
AL-241FD4	1" BSPT	1/2" BSPP	£2.80
AL-241FE4	1" BSPT	3/4" BSPP	£2.56
AL-241GD4	1 1/4" BSPT	1/2" BSPP	£5.20
AL-241GE4	1 1/4" BSPT	3/4" BSPP	£4.48
AL-241GF4	1 1/4" BSPT	1" BSPP	£3.36
AL-241HD4	1 1/2" BSPT	1/2" BSPP	£6.32
AL-241HE4	1 1/2" BSPT	3/4" BSPP	£7.36
AL-241HF4	1 1/2" BSPT	1" BSPP	£4.88
AL-241HG4	1 1/2" BSPT	1 1/4" BSPP	£4.96
AL-241LD4	2" BSPT	1/2" BSPP	£12.88
AL-241LE4	2" BSPT	3/4" BSPP	£12.80
AL-241LF4	2" BSPT	1" BSPP	£10.48
AL-241LG4	2" BSPT	1 1/4" BSPP	£10.00
AL-241LH4	2" BSPT	1 1/2" BSPP	£8.96

## GALVANISED



**REDUCING BUSH**  
BSPT MALE / BSPP FEMALE

5320

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-241CB9	3/8" BSPT	1/4" BSPP	£3.12
AL-241DB9	1/2" BSPT	1/4" BSPP	£2.40
AL-241DC9	1/2" BSPT	3/8" BSPP	£2.40
AL-241EB9	3/4" BSPT	1/4" BSPP	£4.40
AL-241EC9	3/4" BSPT	3/8" BSPP	£3.36
AL-241ED9	3/4" BSPT	1/2" BSPP	£2.56
AL-241FC9	1" BSPT	3/8" BSPP	£5.52
AL-241FD9	1" BSPT	1/2" BSPP	£3.60
AL-241FE9	1" BSPT	3/4" BSPP	£3.36
AL-241GD9	1 1/4" BSPT	1/2" BSPP	£6.16
AL-241GE9	1 1/4" BSPT	3/4" BSPP	£5.52
AL-241GF9	1 1/4" BSPT	1" BSPP	£4.08
AL-241HD9	1 1/2" BSPT	1/2" BSPP	£8.16
AL-241HE9	1 1/2" BSPT	3/4" BSPP	£8.96
AL-241HF9	1 1/2" BSPT	1" BSPP	£6.08
AL-241HG9	1 1/2" BSPT	1 1/4" BSPP	£6.16
AL-241LD9	2" BSPT	1/2" BSPP	£16.32
AL-241LE9	2" BSPT	3/4" BSPP	£16.16
AL-241LF9	2" BSPT	1" BSPP	£13.20
AL-241LG9	2" BSPT	1 1/4" BSPP	£12.56
AL-241LH9	2" BSPT	1 1/2" BSPP	£11.28
AL-241ML9	2 1/2" BSPT	2" BSPP	£21.76
AL-241NF9	3" BSPT	1" BSPP	£40.64
AL-241NH9	3" BSPT	1 1/2" BSPP	£37.76
AL-241NL9	3" BSPT	2" BSPP	£28.00
AL-241NM9	3" BSPT	2 1/2" BSPP	£31.68
AL-241PL9	4" BSPT	2" BSPP	£81.36
AL-241PM9	4" BSPT	2 1/2" BSPP	£60.56
AL-241PN9	4" BSPT	3" BSPP	£58.16

You may also need ...

**BondLoc**  
pipe sealant



... on page 1049, section 21

You may also need ...

**PTFE tape**



... on page 1065, section 21

Also available ...

**E.MC pneumatic**  
products



... on pages 328 – 355, section 6

## BLACK



**REDUCING SOCKET**  
BSPT MALE / BSPP FEMALE

5310

PART NUMBER	FEMALE THREAD	MALE THREAD	PRICE
AL-246ED4	3/4" BSPT	1/2" BSPP	£3.92
AL-246FE4	1" BSPT	3/4" BSPP	£6.24
AL-246GF4	1 1/4" BSPT	1" BSPP	£7.28

## GALVANISED



**REDUCING SOCKET**  
BSPT MALE / BSPP FEMALE

5320

PART NUMBER	FEMALE THREAD	MALE THREAD	PRICE
AL-246ED9	3/4" BSPT	1/2" BSPP	£4.88
AL-246FE9	1" BSPT	3/4" BSPP	£7.92
AL-246GF9	1 1/4" BSPT	1" BSPP	£8.80



**BANDED HOLLOW PLUG**  
BSPT MALE

5310

PART NUMBER	THREAD	PRICE
AL-290B4	1/4" BSPT	£1.76
AL-290C4	3/8" BSPT	£1.60
AL-290D4	1/2" BSPT	£1.52
AL-290E4	3/4" BSPT	£2.08
AL-290F4	1" BSPT	£2.32
AL-290G4	1 1/4" BSPT	£4.24
AL-290H4	1 1/2" BSPT	£5.36
AL-290L4	2" BSPT	£9.44



**BANDED HOLLOW PLUG**  
BSPT MALE

5320

PART NUMBER	THREAD	PRICE
AL-290B9	1/4" BSPT	£2.32
AL-290C9	3/8" BSPT	£1.84
AL-290D9	1/2" BSPT	£1.84
AL-290E9	3/4" BSPT	£2.56
AL-290F9	1" BSPT	£2.80
AL-290G9	1 1/4" BSPT	£5.28
AL-290H9	1 1/2" BSPT	£6.48
AL-290L9	2" BSPT	£11.52
AL-290M9	2 1/2" BSPT	£25.20
AL-290N9	3" BSPT	£32.40
AL-290P9	4" BSPT	£57.20



**HOLLOW PLUG**  
BSPT MALE

5310

PART NUMBER	THREAD	PRICE
AL-291B4	1/4" BSPT	£1.92
AL-291C4	3/8" BSPT	£1.76
AL-291D4	1/2" BSPT	£1.68
AL-291E4	3/4" BSPT	£2.48
AL-291F4	1" BSPT	£3.20
AL-291G4	1 1/4" BSPT	£4.32
AL-291H4	1 1/2" BSPT	£7.36
AL-291L4	2" BSPT	£10.16



**HOLLOW PLUG**  
BSPT MALE

5320

PART NUMBER	THREAD	PRICE
AL-291B9	1/4" BSPT	£2.48
AL-291C9	3/8" BSPT	£2.32
AL-291D9	1/2" BSPT	£2.24
AL-291E9	3/4" BSPT	£3.28
AL-291F9	1" BSPT	£3.84
AL-291G9	1 1/4" BSPT	£5.52
AL-291H9	1 1/2" BSPT	£9.20
AL-291L9	2" BSPT	£12.64



**Y PIECE**

5310

PART NUMBER	SIZE	PRICE
AL-220D4	1/2"	£10.72
AL-220E4	3/4"	£16.40
AL-220F4	1"	£27.20



**Y PIECE**

5320

PART NUMBER	SIZE	PRICE
AL-220D9	1/2"	£13.20
AL-220E9	3/4"	£20.72
AL-220F9	1"	£34.32

## BLACK



**BACKNUT  
BSPP**

5310

PART NUMBER	THREAD	PRICE
AL-310B4	1/4" BSPP	£2.24
AL-310C4	3/8" BSPP	£2.32
AL-310D4	1/2" BSPP	£1.76
AL-310E4	3/4" BSPP	£1.92
AL-310F4	1" BSPP	£3.04
AL-310G4	1 1/4" BSPP	£4.32
AL-310H4	1 1/2" BSPP	£4.72
AL-310L4	2" BSPP	£9.28

## GALVANISED



**BACKNUT  
BSPP**

5320

PART NUMBER	THREAD	PRICE
AL-310B9	1/4" BSPP	£2.72
AL-310C9	3/8" BSPP	£2.88
AL-310D9	1/2" BSPP	£2.32
AL-310E9	3/4" BSPP	£2.40
AL-310F9	1" BSPP	£3.60
AL-310G9	1 1/4" BSPP	£5.12
AL-310H9	1 1/2" BSPP	£5.84
AL-310L9	2" BSPP	£11.52
AL-310M9	2 1/2" BSPP	£25.84
AL-310N9	3" BSPP	£30.40



**UNION TAPER SEAT  
BSPP FEMALE**

5310

PART NUMBER	THREAD	PRICE
AL-340C4	3/8" BSPP	£12.80
AL-340D4	1/2" BSPP	£12.16
AL-340E4	3/4" BSPP	£10.88
AL-340F4	1" BSPP	£12.64
AL-340G4	1 1/4" BSPP	£20.88
AL-340H4	1 1/2" BSPP	£24.48
AL-340L4	2" BSPP	£40.08



**UNION TAPER SEAT  
BSPP FEMALE**

5320

PART NUMBER	THREAD	PRICE
AL-340C9	3/8" BSPP	£15.76
AL-340D9	1/2" BSPP	£15.20
AL-340E9	3/4" BSPP	£13.60
AL-340F9	1" BSPP	£15.76
AL-340G9	1 1/4" BSPP	£27.04
AL-340H9	1 1/2" BSPP	£31.68
AL-340L9	2" BSPP	£52.16
AL-340N9	3" BSPP	£159.84



**45° FEMALE X FEMALE  
EQUAL BEND  
BSPP FEMALE**

5320

PART NUMBER	THREAD	PRICE
AL-041B4	1/4" BSPP	£7.36
AL-041C4	3/8" BSPP	£8.08
AL-041D4	1/2" BSPP	£6.08
AL-041E4	3/4" BSPP	£8.16
AL-041F4	1" BSPP	£11.52
AL-041G4	1 1/4" BSPP	£19.84
AL-041H4	1 1/2" BSPP	£23.84
AL-041L4	2" BSPP	£37.52



**45° FEMALE X FEMALE  
EQUAL BEND  
BSPP FEMALE**

5320

PART NUMBER	THREAD	PRICE
AL-041B9	1/4" BSPP	£8.64
AL-041C9	3/8" BSPP	£9.36
AL-041D9	1/2" BSPP	£8.96
AL-041E9	3/4" BSPP	£11.36
AL-041F9	1" BSPP	£14.48
AL-041G9	1 1/4" BSPP	£26.00
AL-041H9	1 1/2" BSPP	£34.32
AL-041L9	2" BSPP	£48.08

New

## BLACK



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

5310

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-341C4	3/8" BSPT	3/8" BSPP	£11.20
AL-341D4	1/2" BSPT	1/2" BSPP	£9.44
AL-341E4	3/4" BSPT	3/4" BSPP	£11.44
AL-341F4	1" BSPT	1" BSPP	£14.08
AL-341G4	1 1/4" BSPT	1 1/4" BSPP	£22.40
AL-341H4	1 1/2" BSPT	1 1/2" BSPP	£28.48
AL-341L4	2" BSPT	2" BSPP	£45.60

## GALVANISED



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

5320

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-341C9	3/8" BSPT	3/8" BSPP	£14.16
AL-341D9	1/2" BSPT	1/2" BSPP	£11.76
AL-341E9	3/4" BSPT	3/4" BSPP	£14.16
AL-341F9	1" BSPT	1" BSPP	£17.60
AL-341G9	1 1/4" BSPT	1 1/4" BSPP	£27.92
AL-341H9	1 1/2" BSPT	1 1/2" BSPP	£35.76
AL-341L9	2" BSPT	2" BSPP	£57.12
AL-341N9	3" BSPT	3" BSPP	£195.60
AL-341P9	4" BSPT	4" BSPP	£358.56



**90° UNION ELBOW**  
BSPP FEMALE

5310

PART NUMBER	THREAD	PRICE
AL-096C4	3/8" BSPP	£17.44
AL-096D4	1/2" BSPP	£12.80
AL-096E4	3/4" BSPP	£14.80
AL-096F4	1" BSPP	£21.28
AL-096G4	1 1/4" BSPP	£35.92
AL-096H4	1 1/2" BSPP	£42.00
AL-096L4	2" BSPP	£70.80



**90° UNION ELBOW**  
BSPP FEMALE

5320

PART NUMBER	THREAD	PRICE
AL-096C9	3/8" BSPP	£21.76
AL-096D9	1/2" BSPP	£16.16
AL-096E9	3/4" BSPP	£18.64
AL-096F9	1" BSPP	£26.72
AL-096G9	1 1/4" BSPP	£44.56
AL-096H9	1 1/2" BSPP	£53.12
AL-096L9	2" BSPP	£89.52



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

5310

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-098C4	3/8" BSPT	3/8" BSPP	£15.68
AL-098D4	1/2" BSPT	1/2" BSPP	£12.80
AL-098E4	3/4" BSPT	3/4" BSPP	£16.40
AL-098F4	1" BSPT	1" BSPP	£22.40
AL-098G4	1 1/4" BSPT	1 1/4" BSPP	£37.12
AL-098H4	1 1/2" BSPT	1 1/2" BSPP	£46.48
AL-098L4	2" BSPT	2" BSPP	£75.44



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

5320

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-098C9	3/8" BSPT	3/8" BSPP	£19.36
AL-098D9	1/2" BSPT	1/2" BSPP	£16.16
AL-098E9	3/4" BSPT	3/4" BSPP	£20.56
AL-098F9	1" BSPT	1" BSPP	£28.08
AL-098G9	1 1/4" BSPT	1 1/4" BSPP	£47.12
AL-098H9	1 1/2" BSPT	1 1/2" BSPP	£57.68
AL-098L9	2" BSPT	2" BSPP	£95.36



**CROSSOVER**

5310

PART NUMBER	SIZE	LENGTH	PRICE
AL-085D4	1/2"	92 mm	£7.68
AL-085E4	3/4"	110 mm	£11.68



**CROSSOVER**

5320

PART NUMBER	SIZE	LENGTH	PRICE
AL-085D9	1/2"	92 mm	£9.60
AL-085E9	3/4"	110 mm	£14.48

## BLACK

### 90° MALE X FEMALE EQUAL BEND

BSPT MALE / BSPP FEMALE



5310

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-001B4	1/4" BSPT	1/4" BSPP	£4.96
AL-001C4	3/8" BSPT	3/8" BSPP	£5.92
AL-001D4	1/2" BSPT	1/2" BSPP	£5.28
AL-001E4	3/4" BSPT	3/4" BSPP	£9.20
AL-001F4	1" BSPT	1" BSPP	£12.40
AL-001G4	1 1/4" BSPT	1 1/4" BSPP	£21.84
AL-001H4	1 1/2" BSPT	1 1/2" BSPP	£28.08
AL-001L4	2" BSPT	2" BSPP	£46.56

## GALVANISED

### 90° MALE X FEMALE EQUAL BEND

BSPT MALE / BSPP FEMALE



5320

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-001B9	1/4" BSPT	1/4" BSPP	£6.08
AL-001C9	3/8" BSPT	3/8" BSPP	£7.36
AL-001D9	1/2" BSPT	1/2" BSPP	£6.64
AL-001E9	3/4" BSPT	3/4" BSPP	£11.52
AL-001F9	1" BSPT	1" BSPP	£15.76
AL-001G9	1 1/4" BSPT	1 1/4" BSPP	£27.04
AL-001H9	1 1/2" BSPT	1 1/2" BSPP	£35.76
AL-001L9	2" BSPT	2" BSPP	£57.68
AL-001N9	3" BSPT	3" BSPP	£166.40
AL-001P9	4" BSPT	4" BSPP	£302.00

### 90° FEMALE EQUAL BEND BSPP FEMALE



5310

PART NUMBER	THREAD	PRICE
AL-002B4	1/4" BSPP	£5.36
AL-002C4	3/8" BSPP	£5.68
AL-002D4	1/2" BSPP	£6.08
AL-002E4	3/4" BSPP	£9.44
AL-002F4	1" BSPP	£12.40
AL-002G4	1 1/4" BSPP	£21.92
AL-002H4	1 1/2" BSPP	£27.04
AL-002L4	2" BSPP	£37.20

### 90° FEMALE EQUAL BEND BSPP FEMALE



5320

PART NUMBER	THREAD	PRICE
AL-002B9	1/4" BSPP	£6.48
AL-002C9	3/8" BSPP	£7.36
AL-002D9	1/2" BSPP	£7.52
AL-002E9	3/4" BSPP	£11.60
AL-002F9	1" BSPP	£15.76
AL-002G9	1 1/4" BSPP	£27.20
AL-002H9	1 1/2" BSPP	£33.36
AL-002L9	2" BSPP	£46.40
AL-002N9	3" BSPP	£163.92

### 90° MALE X MALE EQUAL BEND BSPT MALE / BSPT MALE



5310

PART NUMBER	THREAD	PRICE
AL-003D4	1/2" BSPT	£9.20
AL-003E4	3/4" BSPT	£10.24
AL-003F4	1" BSPT	£14.80

### 90° MALE X MALE EQUAL BEND BSPT MALE



5320

PART NUMBER	THREAD	PRICE
AL-003D9	1/2" BSPT	£11.52
AL-003E9	3/4" BSPT	£12.88
AL-003F9	1" BSPT	£18.48

### 45° MALE X FEMALE EQUAL BEND

BSPT MALE / BSPP FEMALE



5310

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-040B4	1/4" BSPT	1/4" BSPP	£7.36
AL-040C4	3/8" BSPT	3/8" BSPP	£6.64
AL-040D4	1/2" BSPT	1/2" BSPP	£6.08
AL-040E4	3/4" BSPT	3/4" BSPP	£8.16
AL-040F4	1" BSPT	1" BSPP	£11.52
AL-040G4	1 1/4" BSPT	1 1/4" BSPP	£19.84
AL-040H4	1 1/2" BSPT	1 1/2" BSPP	£23.84
AL-040L4	2" BSPT	2" BSPP	£37.52

### 45° MALE X FEMALE EQUAL BEND

BSPT MALE / BSPP FEMALE



5320

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
AL-040B9	1/4" BSPT	1/4" BSPP	£8.96
AL-040C9	3/8" BSPT	3/8" BSPP	£8.16
AL-040D9	1/2" BSPT	1/2" BSPP	£7.52
AL-040E9	3/4" BSPT	3/4" BSPP	£10.16
AL-040F9	1" BSPT	1" BSPP	£14.16
AL-040G9	1 1/4" BSPT	1 1/4" BSPP	£24.80
AL-040H9	1 1/2" BSPT	1 1/2" BSPP	£29.44
AL-040L9	2" BSPT	2" BSPP	£46.64

## BLACK



**HEX BLANKING CAP  
BSPP FEMALE**

5310

PART NUMBER	THREAD	PRICE
AL-300B4	1/4" BSPP	£2.32
AL-300C4	3/8" BSPP	£2.08
AL-300D4	1/2" BSPP	£2.40
AL-300E4	3/4" BSPP	£2.88
AL-300F4	1" BSPP	£3.52
AL-300G4	1 1/4" BSPP	£5.36
AL-300H4	1 1/2" BSPP	£6.56
AL-300L4	2" BSPP	£12.08

## GALVANISED



**HEX BLANKING CAP  
BSPP FEMALE**

5320

PART NUMBER	THREAD	PRICE
AL-300B9	1/4" BSPP	£2.88
AL-300C9	3/8" BSPP	£2.72
AL-300D9	1/2" BSPP	£3.04
AL-300E9	3/4" BSPP	£3.68
AL-300F9	1" BSPP	£4.32
AL-300G9	1 1/4" BSPP	£6.48
AL-300H9	1 1/2" BSPP	£8.00
AL-300L9	2" BSPP	£15.12



**EQUAL CROSS  
BSPP FEMALE**

5310

PART NUMBER	THREAD	PRICE
AL-180C4	3/8" BSPP	£9.20
AL-180D4	1/2" BSPP	£9.04
AL-180E4	3/4" BSPP	£13.84
AL-180F4	1" BSPP	£16.88
AL-180G4	1 1/4" BSPP	£22.40
AL-180H4	1 1/2" BSPP	£29.68
AL-180L4	2" BSPP	£44.08



**EQUAL CROSS  
BSPP FEMALE**

5320

PART NUMBER	THREAD	PRICE
AL-180C9	3/8" BSPP	£11.52
AL-180D9	1/2" BSPP	£11.36
AL-180E9	3/4" BSPP	£16.88
AL-180F9	1" BSPP	£20.88
AL-180G9	1 1/4" BSPP	£28.08
AL-180H9	1 1/2" BSPP	£37.36
AL-180L9	2" BSPP	£55.76



**SIDE OUTLET ELBOW**

5320

PART NUMBER	SIZE	PRICE
AL-221C9	3/8"	£14.00
AL-221D9	1/2"	£10.64
AL-221E9	3/4"	£16.88
AL-221F9	1"	£22.40
AL-221G9	1 1/4"	£39.60
AL-221H9	1 1/2"	£56.24
AL-221L9	2"	£85.92

You may also need ...



**Rust-Oleum  
paints**

... on pages 1062 – 1064,  
section 21

You may also need ...



**Ball, gate, check and  
solenoid valves**

... on pages 788 – 835, section 15



**WELD PLATE FLANGE  
PN16**

5370

PART NUMBER	SIZE	PRICE
FLA25202	25 mm	£11.19
FLA25203	32 mm	£17.24
FLA25204	40 mm	£16.61
FLA25205	50 mm	£22.20
FLA25206	65 mm	£25.56
FLA25207	80 mm	£28.35
FLA25208	100 mm	£41.23



**TABLE E SLIP ON PLATE  
FLANGE**

5370

PART NUMBER	SIZE	PRICE
FLA26524	25 mm	£9.98
FLA26525	32 mm	£15.41
FLA26526	40 mm	£22.94
FLA26527	50 mm	£15.40
FLA26528	65 mm	£29.26
FLA26529	80 mm	£34.82
FLA26530	100 mm	£50.60



**SLIP ON FLANGE  
PN16**

5370

PART NUMBER	SIZE	PRICE
FLAA4558	25 mm	£19.36
FLAA4559	32 mm	£25.41
FLAA4560	40 mm	£25.41
FLAA4561	50 mm	£29.21
FLAA4562	65 mm	£33.99
FLAA4563	80 mm	£43.95
FLAA4564	100 mm	£51.87



**TABLE E DRILLED BLANK  
FLANGE**

5370

PART NUMBER	SIZE	PRICE
FLA26634	25 mm	£10.37
FLA26635	32 mm	£14.62
FLA26636	40 mm	£14.62
FLA26637	50 mm	£16.77
FLA26638	65 mm	£18.09
FLA26639	80 mm	£26.74
FLA26640	100 mm	£39.90



**TABLE E SLIP ON FLANGE**

5370

PART NUMBER	SIZE	PRICE
FLA24053	25 mm	£15.29
FLA24054	32 mm	£16.12
FLA24055	40 mm	£18.65
FLA24056	50 mm	£23.71
FLA24057	65 mm	£28.82
FLA24058	80 mm	£38.50
FLA24060	100 mm	£57.31



**NON ASBESTOS FLANGE GASKET  
PN16 IBC**

5370

PART NUMBER	SIZE	PRICE
FLA08018	25 mm	£1.10
FLA08019	32 mm	£1.21
FLA08020	40 mm	£1.43
FLA08021	50 mm	£1.65
FLA08022	65 mm	£2.20
FLA08023	80 mm	£3.30
FLA08024	100 mm	£4.18



**TABLE E SCREWED FLANGE**

5370

PART NUMBER	THREAD	PRICE
FLA24198	1"	£30.58
FLA24199	1 1/4"	£30.58
FLA24200	1 1/2"	£30.58
FLA24201	2"	£30.58
FLA24202	2 1/2"	£36.36
FLA24203	3"	£46.81
FLA24205	4"	£63.97



**NON ASBESTOS FLANGE GASKET  
PN16 FULL FACE**

5370

PART NUMBER	SIZE	PRICE
FLA08038	25 mm	£2.31
FLA08039	32 mm	£3.30
FLA08040	40 mm	£3.63
FLA08041	50 mm	£4.29
FLA08042	65 mm	£5.39
FLA08043	80 mm	£6.27
FLA08044	100 mm	£8.03

Other flanges available upon request

## FLANGES

### NON ASBESTOS FLANGE GASKET FULL FACE IBC TABLE D/E



5370

PART NUMBER	SIZE	PRICE
FLA09218	25 mm	£1.10
FLA09219	32 mm	£1.21
FLA09220	40 mm	£1.21
FLA09221	50 mm	£1.65
FLA09222	65 mm	£2.20
FLA09223	80 mm	£2.64
FLA09224	100 mm	£4.18

### EPDM FLANGE GASKET FULL FACE



5370

PART NUMBER	SIZE	PRICE
FLA09645	50 mm	£4.62
FLA09647	80 mm	£6.82
FLA09648	100 mm	£8.36
FLA09650	150 mm	£11.44
FLA09652	200 mm	£15.62

### EPDM FLANGE GASKET PN16 IBC



5370

PART NUMBER	SIZE	PRICE
FLA09445	50 mm	£1.98
FLA09447	80 mm	£3.52
FLA09448	100 mm	£4.46
FLA09450	150 mm	£5.83
FLA09452	200 mm	£8.80

### EPDM FLANGE GASKET FULL FACE TABLE D/E



5370

PART NUMBER	SIZE	TABLE	PRICE
FLA09705	50 mm	D / E	£4.07
FLA09707	80 mm	D / E	£5.83
FLA09708	100 mm	D only	£8.03
FLA09710	150 mm	D only	£14.52
FLA09712	200 mm	D only	£15.29

## BOLT KITS

### BOLT KIT (AS KITS OF 4) BZP BOLTS FOR FLANGES



5370

PART NUMBER	SIZE	PRICE
BKITM16X50	M16 x 50 mm	£19.69
BKITM16X60	M16 x 60 mm	£20.79
BKITM16X70	M16 x 70 mm	£21.89
BKITM16X80	M16 x 80 mm	£23.65
BKITM16X100	M16 x 100 mm	£24.09

### BOLT KIT (AS KITS OF 4) BZP BOLTS FOR FLANGES



5370

PART NUMBER	SIZE	PRICE
BKITM12X50	M12 x 50 mm	£11.11
BKITM12X60	M12 x 60 mm	£11.99
BKITM12X80	M12 x 80 mm	£13.53

You may also need ...

### Hand Tools



... on page 998, section 20



### BS EN 10255 MEDIUM RED OXIDE MILD STEEL TUBE

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

### BS EN 10255 MEDIUM GALVANISED MILD STEEL TUBE

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

### WORKING PRESSURES

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

## RED OXIDE PRIMED

### MEDIUM SCREWED & SOCKETED PIPE

#### BSPT MALE – 3.25 M LENGTH



5330

PART NUMBER	THREAD	PRICE
AL-BP08SS	1/2" BSPT	£41.76
AL-BP12SS	3/4" BSPT	£72.07
AL-BP16SS	1" BSPT	£79.39
AL-BP20SS	1 1/4" BSPT	£107.31
AL-BP24SS	1 1/2" BSPT	£117.15
AL-BP32SS	2" BSPT	£193.93
AL-BP40SS	2 1/2" BSPT	£209.81
AL-BP48SS	3" BSPT	£235.44
AL-BP64SS	4" BSPT	£448.45

### MEDIUM SCREWED & SOCKETED PIPE

#### BSPT MALE – 6.5 M LENGTH



5330

PART NUMBER	THREAD	PRICE
AL-BP08SS6	1/2" BSPT	£74.70
AL-BP12SS6	3/4" BSPT	£95.18
AL-BP16SS6	1" BSPT	£147.92
AL-BP20SS6	1 1/4" BSPT	£185.21
AL-BP24SS6	1 1/2" BSPT	£197.00
AL-BP32SS6	2" BSPT	£274.56
AL-BP40SS6	2 1/2" BSPT	£313.34
AL-BP48SS6	3" BSPT	£470.76
AL-BP64SS6	4" BSPT	£576.92

New

### MEDIUM PLAIN ENDED PIPE

#### 3.25 M LENGTH



5330

PART NUMBER	THREAD	PRICE
AL-BP12	3/4"	£68.07
AL-BP16	1"	£153.75
AL-BP20	1 1/4"	£172.74
AL-BP24	1 1/2"	£200.66
AL-BP32	2"	£281.65

Carriage for 3.25m and 6.5m pipe charged at cost  
Please allow 72 hours for delivery

## GALVANISED

### MEDIUM SCREWED & SOCKETED PIPE

#### BSPT MALE – 3.25 M LENGTH



5330

PART NUMBER	THREAD	PRICE
AL-GP08SS	1/2" BSPT	£113.94
AL-GP12SS	3/4" BSPT	£105.82
AL-GP16SS	1" BSPT	£159.82
AL-GP20SS	1 1/4" BSPT	£176.18
AL-GP24SS	1 1/2" BSPT	£218.96
AL-GP32SS	2" BSPT	£350.41
AL-GP40SS	2 1/2" BSPT	£416.76
AL-GP48SS	3" BSPT	£292.86
AL-GP64SS	4" BSPT	£494.21

### MEDIUM SCREWED & SOCKETED PIPE

#### BSPT MALE – 6.5 M LENGTH



5330

PART NUMBER	THREAD	PRICE
AL-GP08SS6	1/2" BSPT	£94.49
AL-GP12SS6	3/4" BSPT	£212.33
AL-GP16SS6	1" BSPT	£295.95
AL-GP20SS6	1 1/4" BSPT	£230.63
AL-GP24SS6	1 1/2" BSPT	£284.86
AL-GP32SS6	2" BSPT	£403.37
AL-GP40SS6	2 1/2" BSPT	£491.23
AL-GP48SS6	3" BSPT	£633.32
AL-GP64SS6	4" BSPT	£926.87

New Additions

### MEDIUM PLAIN ENDED PIPE

#### 3.25 M LENGTH



5330

PART NUMBER	THREAD	PRICE
AL-GP12	3/4"	£48.28
AL-GP16	1"	£67.72
AL-GP20	1 1/4"	£83.86
AL-GP24	1 1/2"	£97.35
AL-GP32	2"	£136.59

You may also need ...

### Handrail pipe and fittings



For use with medium plain ended handrail pipe

... on pages 904 – 907, section 16

## JOINTING COMPOUND



**BOSS WHITE JOINTING COMPOUND**

5340

PART NUMBER	SIZE	PRICE
AL-BOSSW400	400 g	£18.68

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

## BLACK



**BARREL NIPPLE BSPT MALE**

5340

PART NUMBER	THREAD	LENGTH	PRICE
AL-531A4	1/8" BSPT	32 mm	£4.03
AL-531B4	1/4" BSPT	38 mm	£2.70
AL-531C4	3/8" BSPT	38 mm	£2.70
AL-531D4	1/2" BSPT	51 mm	£1.78
AL-531E4	3/4" BSPT	54 mm	£3.40
AL-531F4	1" BSPT	60 mm	£3.09
AL-531G4	1 1/4" BSPT	70 mm	£6.02
AL-531H4	1 1/2" BSPT	70 mm	£6.18
AL-531L4	2" BSPT	79 mm	£6.87
AL-531M4	2 1/2" BSPT	89 mm	£20.46
AL-531N4	3" BSPT	102 mm	£27.10
AL-531P4	4" BSPT	114 mm	£36.44

## GALVANISED



**BARREL NIPPLE BSPT MALE**

5340

PART NUMBER	THREAD	LENGTH	PRICE
AL-531A9	1/8" BSPT	32 mm	£6.80
AL-531B9	1/4" BSPT	38 mm	£3.32
AL-531C9	3/8" BSPT	38 mm	£3.32
AL-531D9	1/2" BSPT	51 mm	£2.08
AL-531E9	3/4" BSPT	54 mm	£2.39
AL-531F9	1" BSPT	60 mm	£4.09
AL-531G9	1 1/4" BSPT	70 mm	£6.02
AL-531H9	1 1/2" BSPT	70 mm	£6.02
AL-531L9	2" BSPT	79 mm	£8.49
AL-531M9	2 1/2" BSPT	89 mm	£26.56
AL-531N9	3" BSPT	102 mm	£35.28
AL-531P9	4" BSPT	114 mm	£50.80



**BASE PLATE**

5340

PART NUMBER	THREAD	PRICE
AL-515M104	M10	£3.09
AL-515M124	M12	£4.17



**BASE PLATE**

5340

PART NUMBER	THREAD	PRICE
AL-515M109	M10	£3.55
AL-515M129	M12	£4.55

## ZINC PLATED



**GIRDER CLAMP BRIGHT ZINC PLATED**

5340

PART NUMBER	SIZE	PRICE
AL-MI8GC	M8	£2.32
AL-MI10GC	M10	£8.57
AL-MI12GC	M12	£11.58



**'U' BOLT BRIGHT ZINC PLATED**

5340

PART NUMBER	PIPE SIZE	PRICE
AL-UB8	1/2"	£0.85
AL-UB12	3/4"	£0.93
AL-UB16	1"	£1.00
AL-UB20	1 1/4"	£1.93
AL-UB24	1 1/2"	£2.01
AL-UB32	2"	£2.70
AL-UB40	2 1/2"	£2.93
AL-UB48	3"	£5.56
AL-UB64	4"	£6.79

BLACK



SCHOOL BOARD CLAMP

5340

PART NUMBER	TO SUIT PIPE SIZE	PRICE
AL-B82B4	1/4"	£7.22
AL-B82C4	3/8"	£5.87
AL-B82D4	1/2"	£5.87
AL-B82E4	3/4"	£5.87
AL-B82F4	1"	£4.67
AL-B82G4	1 1/4"	£7.41
AL-B82H4	1 1/2"	£8.18
AL-B82L4	2"	£9.88
AL-B82M4	2 1/2"	£15.75
AL-B82N4	3"	£19.15
AL-B82P4	4"	£38.60

GALVANISED



SCHOOL BOARD CLAMP

5340

PART NUMBER	TO SUIT PIPE SIZE	PRICE
AL-B82B9	1/4"	£7.57
AL-B82C9	3/8"	£5.02
AL-B82D9	1/2"	£4.09
AL-B82E9	3/4"	£6.18
AL-B82F9	1"	£6.95
AL-B82G9	1 1/4"	£7.26
AL-B82H9	1 1/2"	£10.42
AL-B82L9	2"	£15.13
AL-B82M9	2 1/2"	£20.69
AL-B82N9	3"	£27.02
AL-B82P9	4"	£51.72



M10 MUNSEN RING

5340

PART NUMBER	TO SUIT PIPE SIZE	PRICE
AL-529B4M10	1/4"	£3.32
AL-529C4M10	3/8"	£3.78
AL-529D4M10	1/2"	£4.09
AL-529E4M10	3/4"	£4.94
AL-529F4M10	1"	£5.33
AL-529G4M10	1 1/4"	£5.79
AL-529H4M10	1 1/2"	£6.33
AL-529L4M10	2"	£8.11

M12 THREAD

AL-529M4M10	2 1/2"	£12.66
AL-529N4M10	3"	£13.05
AL-529P4M10	4"	£19.30



M10 MUNSEN RING

5340

PART NUMBER	TO SUIT PIPE SIZE	PRICE
AL-529B9M10	1/4"	£6.18
AL-529C9M10	3/8"	£7.18
AL-529D9M10	1/2"	£7.18
AL-529E9M10	3/4"	£5.40
AL-529F9M10	1"	£5.40
AL-529G9M10	1 1/4"	£5.79
AL-529H9M10	1 1/2"	£6.95
AL-529L9M10	2"	£9.96

M12 THREAD

AL-529M9M10	2 1/2"	£13.97
AL-529N9M10	3"	£16.21
AL-529P9M10	4"	£30.65

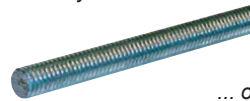


SCREWED ROD  
METRIC MALE

5340

PART NUMBER	MALE THREAD	LENGTH	PRICE
AL-SR10M	M10	1	£6.02
AL-SR10M3	M10	3	£15.44
AL-SR12M	M12	1	£10.11
AL-SR12M3	M12	3	£24.32

You may also need ...



**M8**  
Threaded Rod

... on page 849, section 16

GALVANISED



NUTS  
METRIC FEMALE

5340

PART NUMBER	MALE THREAD	PRICE
AL-10MNUTS	M10	£0.37



WASHERS  
METRIC FEMALE

5340

PART NUMBER	MALE THREAD	PRICE
AL-10MWASH	M10	£0.33

## 250 PIPE CLIP FEATURES

- EPDM rubber insulation compliant with DIN 4109
- 2 Screw pipe clip with M8/M10 combi boss
- Steel, electrogalvanised
- M6 multifunction screw

New Additions

## NVENT CADDY MACROFIX 250 M8/M10

### 2 SCREW PIPE CLIP



4132

PART NUMBER	PIPE OD	NOMINAL BORE	PRICE
ER586001	11 – 15 mm	1/4"	£1.70
ER586002	15 – 19 mm	3/8"	£1.77
ER586003	19 – 25 mm	1/2"	£1.80
ER586004	25 – 31 mm	3/4"	£1.86
ER586005	31 – 37 mm	1"	£1.89
ER586006	37 – 44 mm	1 1/4"	£2.15
ER586007	44 – 50 mm	1 1/2"	£2.39
ER586008	50 – 58 mm	–	£2.49
ER586009	58 – 68 mm	2"	£3.06
ER586010	68 – 78 mm	2 1/2"	£3.50
ER586011	78 – 88 mm	–	£3.86
ER586012	88 – 98 mm	3"	£3.98
ER586013	98 – 108 mm	3 1/2"	£4.50
ER586014	108 – 118 mm	4"	£4.97
ER586015	118 – 128 mm	–	£5.46
ER586016	128 – 138 mm	–	£5.89
ER586017	138 – 148 mm	5"	£6.50
ER586018	150 – 160 mm	–	£6.80
ER586019	160 – 170 mm	6"	£11.84
ER586020	190 – 200 mm	–	£14.30
ER586021	205 – 215 mm	–	£15.00
ER586022	215 – 225 mm	8"	£15.35
ER586023	239 – 250 mm	–	£15.65
ER586024	265 – 275 mm	10"	£16.00
ER586025	309 – 319 mm	–	£16.35

New Additions

## NVENT CADDY 250 NI MACROFIX M8/M10

### 2 SCREW PIPE CLIP



4132

PART NUMBER	PIPE OD	NOMINAL BORE	PRICE
ER586101	15 – 19 mm	3/8"	£1.45
ER586102	19 – 23 mm	1/2"	£1.48
ER586103	23 – 29 mm	3/4"	£1.51
ER586104	29 – 35 mm	1"	£1.57
ER586105	35 – 41 mm	–	£1.64
ER586106	41 – 48 mm	1 1/4"	£1.70
ER586107	48 – 54 mm	1 1/2"	£1.86
ER586108	54 – 62 mm	2"	£2.15
ER586109	62 – 72 mm	–	£2.40
ER586110	73 – 83 mm	2 1/2"	£2.93
ER586111	83 – 93 mm	3"	£3.24
ER586112	93 – 103 mm	3 1/2"	£3.57
ER586113	103 – 113 mm	–	£3.98
ER586114	113 – 123 mm	4"	£4.24
ER586115	123 – 133 mm	–	£4.97
ER586116	133 – 143 mm	5"	£5.15
ER586117	143 – 153 mm	–	£5.75
ER586118	155 – 165 mm	–	£6.05
ER586119	165 – 175 mm	6"	£6.30
ER586120	195 – 205 mm	–	£11.00
ER586121	210 – 220 mm	8"	£12.45
ER586122	220 – 230 mm	–	£12.90
ER586123	244 – 255 mm	–	£13.40
ER586124	270 – 280 mm	10"	£13.90
ER586125	314 – 324 mm	12"	£14.60

## MACROFIX PLUS LF 430 PIPE CLIP FEATURES

- EPDM rubber insulation compliant with DIN 4109
- 2 screw low friction pipe clip with M10 boss

New Additions

## NVENT CADDY MACROFIX PLUS LF 430 2 SCREW PIPE CLIP



4132

PART NUMBER	PIPE OD	NOMINAL BORE	PRICE
ER595035	16 mm	–	£3.57
ER595036	20 mm	1/2"	£3.75
ER595037	25 mm	3/4"	£3.90
ER595038	32 mm	1"	£4.16
ER595039	40 mm	1 1/4"	£4.62
ER595040	50 mm	1 1/2"	£5.63
ER595042	63 mm	2"	£6.13
ER595043	75 mm	2 1/2"	£6.83
ER595044	90 mm	3"	£7.50
ER595045	110 mm	4"	£10.34
ER595046	125 mm	–	£9.36
ER595048	160 mm	–	£14.42

## 243 PIPE CLIP FEATURES

- EPDM rubber insulation compliant with DIN 4109
- One piece low friction clip with M8/M10 combi boss
- Steel, electrogalvanised
- M6 multifunction screw

## NVENT CADDY SUPERFIX 243 M8/M10 1 PIECE PIPE CLIP



4132

PART NUMBER	PIPE OD	NOMINAL BORE	PRICE
ER400063	12 – 14 mm	1/4"	£1.62
ER400064	15 – 19 mm	3/8"	£1.67
ER400065	21 – 23 mm	1/2"	£1.82
ER400066	26 – 28 mm	3/4"	£1.87
ER400067	32 – 35 mm	1"	£2.17
ER400068	40 – 43 mm	1 1/4"	£2.27
ER400069	44 – 49 mm	–	£2.32
ER400070	48 – 52 mm	1 1/2"	£2.78
ER589350	54 – 58 mm	–	£2.93
ER400071	57 – 61 mm	2"	£3.03
ER400072	63 – 67 mm	–	£3.13
ER400073	70 – 73 mm	–	£3.53
ER400074	74 – 80 mm	2 1/2"	£3.84
ER400075	83 – 91 mm	3"	£4.80
ER400076	101 – 106 mm	–	£6.11
ER400077	108 – 114 mm	4"	£6.41

## 300M UNIVERSAL BEAM CLAMP FEATURES

- Fix to beams without welding or drilling
- VdS and FM approved
- Steel, electrogalvanised



4132

## 300M UNIVERSAL BEAM CLAMP

PART NUMBER	CLAMP WIDTH	HOLE Ø DIA.	PRICE
ER389500	18 mm	9 mm	£4.26
ER389510	20 mm	11 mm	£4.06

## KEY FEATURES

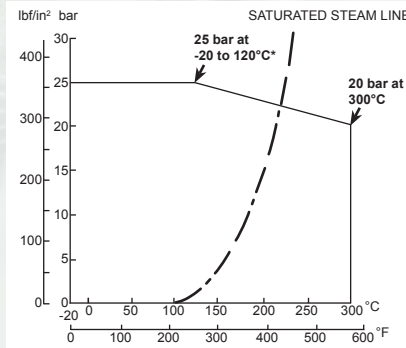
- Taper to taper thread joints ensure full engagement, eliminating localised stress on pipe or fitting, and offering a substantial pressure seal.
- Design standard BS EN 10242
- Thread standard BS EN 10226-2 taper
- UL approved for use on sprinkler systems
- Kitemark approved by BSI

## CONFORMANCE OF CRANE FITTINGS

Both malleable iron and steel fittings have been verified by the British Standards Institute (BSI) as conforming to BS EN 10242 and BS 143 & 1256, as appropriate, and as such are permitted to bear the British Standards Kitemark Logo - Kitemark Licence No. KM00382. Some small size fittings are manufactured in steel and will conform to BS EN 10241.

## PRESSURE / TEMPERATURE RATINGS

BS 143 & 1256 states that fittings are for general purposes of the transmission of fluids within the pressure and temperature ranges as specified. The graph below shows the BS pressure temperature ratings. Crane malleable iron fittings are suitable for use at these new ratings with the exception of certain unions (please see note below graph), but such use is dependent on the suitability of the connecting pipe material, the threaded joint and any thread sealant used. Due consideration should also be given to any applicable codes of practice. Pressures stated are maximum non-shock gauge.



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

CRANE241 Flat seat unions are limited to 230°C maximum.  
CRANE271 and CRANE289 Female equal unions with spherical seat are limited to 208°C maximum.

## FINISH

All malleable iron fittings are given an oil finish as protection against rust while in stock or during transit and after installation prior to plant commissioning. Finished fittings are free of any polycyclic aromatic hydrocarbons.

## PIPE THREADS

The machined threads of Crane fittings are supplied to conform with the gauging requirements of BS EN 10226-2. Threads on all fittings are chamfered to assist assembly and avoid 'cross threading'. Female fittings have a chamber behind the thread permitting the male thread to be assembled without restriction of 'bottoming'.

## TESTING

Production testing: Meets requirements of BS EN 10242 or BS 143 and 1256 as applicable. Type testing: In addition to production testing, all pressure containing fittings are required by BS EN 10242, BS 143 & 1256 and ISO 49 to be designed to withstand specified design test pressures and to be type tested accordingly - 100 bar (1450 lbf/in<sup>2</sup>) for sizes 4 and smaller malleable iron fittings and 64 bar (928 lbf/in<sup>2</sup>) for sizes 5 and 6 malleable iron.

Please note:  
\* Only available in mild steel

## BLACK



5360

### HEXAGON BUSH BSPT

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
CRANE140B-14X18	1/4"	1/8"	£3.97
CRANE140B-38X18*	3/8"	1/8"	£4.77
CRANE140B-38X14*	3/8"	1/4"	£3.47
CRANE140B-12X18	1/2"	1/8"	£3.56
CRANE140B-12X14*	1/2"	1/4"	£2.57
CRANE140B-12X38	1/2"	3/8"	£2.56
CRANE140B-34X18	3/4"	1/8"	£6.14
CRANE140B-34X14	3/4"	1/4"	£4.87
CRANE140B-34X38	3/4"	3/8"	£3.84
CRANE140B-34X12	3/4"	1/2"	£2.95
CRANE140B-1X14	1"	1/4"	£6.45
CRANE140B-1X38	1"	3/8"	£6.38
CRANE140B-1X12	1"	1/2"	£3.56
CRANE140B-1X34	1"	3/4"	£3.77
CRANE140B-114X12	1 1/4"	1/2"	£7.29
CRANE140B-114X34	1 1/4"	3/4"	£6.60
CRANE140B-114X1	1 1/4"	1"	£4.67
CRANE140B-112X12	1 1/2"	1/2"	£9.37
CRANE140B-112X34	1 1/2"	3/4"	£10.14
CRANE140B-112X1	1 1/2"	1"	£7.38
CRANE140B-112X114	1 1/2"	1 1/4"	£6.75
CRANE140B-2X12	2"	1/2"	£19.27
CRANE140B-2X34	2"	3/4"	£20.16
CRANE140B-2X1	2"	1"	£15.23
CRANE140B-2X114	2"	1 1/4"	£14.72
CRANE140B-2X112	2"	1 1/2"	£14.06
CRANE140B-212X112	2 1/2"	1 1/2"	£32.38
CRANE140B-212X2	2 1/2"	2"	£23.55
CRANE140B-3X2	3"	2"	£38.21
CRANE140B-3X212	3"	2 1/2"	£42.42
CRANE140B-4X2	4"	2"	£104.49
CRANE140B-4X212	4"	2 1/2"	£104.49
CRANE140B-4X3	4"	3"	£86.98

\* Only available in mild steel

## GALVANISED



5360

### HEXAGON BUSH BSPT

PART NUMBER	MALE THREAD	FEMALE THREAD	PRICE
CRANE140G-14X18	1/4"	1/8"	£6.03
CRANE140G-38X18*	3/8"	1/8"	£6.47
CRANE140G-38X14*	3/8"	1/4"	£5.27
CRANE140G-12X18	1/2"	1/8"	£5.80
CRANE140G-12X14*	1/2"	1/4"	£3.53
CRANE140G-12X38	1/2"	3/8"	£3.94
CRANE140G-34X18	3/4"	1/8"	£9.36
CRANE140G-34X14	3/4"	1/4"	£7.39
CRANE140G-34X38	3/4"	3/8"	£5.80
CRANE140G-34X12	3/4"	1/2"	£4.47
CRANE140G-1X14	1"	1/4"	£10.51
CRANE140G-1X38	1"	3/8"	£10.82
CRANE140G-1X12	1"	1/2"	£6.09
CRANE140G-1X34	1"	3/4"	£5.75
CRANE140G-114X12	1 1/4"	1/2"	£11.91
CRANE140G-114X34	1 1/4"	3/4"	£10.64
CRANE140G-114X1	1 1/4"	1"	£7.21
CRANE140G-112X12	1 1/2"	1/2"	£15.15
CRANE140G-112X34	1 1/2"	3/4"	£16.39
CRANE140G-112X1	1 1/2"	1"	£10.81
CRANE140G-112X114	1 1/2"	1 1/4"	£11.43
CRANE140G-2X12	2"	1/2"	£31.14
CRANE140G-2X34	2"	3/4"	£30.30
CRANE140G-2X1	2"	1"	£22.88
CRANE140G-2X114	2"	1 1/4"	£23.79
CRANE140G-2X112	2"	1 1/2"	£21.35
CRANE140G-212X112	2 1/2"	1 1/2"	£52.53
CRANE140G-212X2	2 1/2"	2"	£39.30
CRANE140G-3X2	3"	2"	£70.10
CRANE140G-3X212	3"	2 1/2"	£68.78
CRANE140G-4X2	4"	2"	£162.31
CRANE140G-4X212	4"	2 1/2"	£162.31
CRANE140G-4X3	4"	3"	£135.08

\* Only available in mild steel



5360

### HEXAGON NIPPLE BSPT

PART NUMBER	THREAD	PRICE
CRANE144B-14*	1/4"	£4.68
CRANE144B-38*	3/8"	£5.48
CRANE144B-12	1/2"	£3.13
CRANE144B-34	3/4"	£3.56
CRANE144B-1	1"	£5.08
CRANE144B-114	1 1/4"	£10.05
CRANE144B-112	1 1/2"	£11.69
CRANE144B-2	2"	£21.12
CRANE144B-212	2 1/2"	£40.76
CRANE144B-3	3"	£58.93

\* Only available in mild steel



5360

### HEXAGON NIPPLE BSPT

PART NUMBER	THREAD	PRICE
CRANE144G-14*	1/4"	£7.18
CRANE144G-38*	3/8"	£8.93
CRANE144G-12	1/2"	£4.81
CRANE144G-34	3/4"	£5.44
CRANE144G-1	1"	£7.67
CRANE144G-114	1 1/4"	£15.25
CRANE144G-112	1 1/2"	£17.54
CRANE144G-2	2"	£32.03
CRANE144G-212	2 1/2"	£53.59
CRANE144G-3	3"	£87.62

\* Only available in mild steel

## BLACK



5360

**HEXAGON REDUCING NIPPLE  
BSPT**

PART NUMBER	THREAD	THREAD	PRICE
CRANE145B-14X18*	1/4"	1/8"	£5.61
CRANE145B-38X14*	3/8"	1/4"	£5.61
CRANE145B-12X14	1/2"	1/4"	£7.22
CRANE145B-12X38	1/2"	3/8"	£6.48
CRANE145B-34X12	3/4"	1/2"	£5.94
CRANE145B-1X12	1"	1/2"	£11.03
CRANE145B-1X34	1"	3/4"	£5.94
CRANE145B-114X1	1 1/4"	1"	£11.18
CRANE145B-112X1	1 1/2"	1"	£26.50
CRANE145B-112X114	1 1/2"	1 1/4"	£14.15
CRANE145B-2X112	2"	1 1/2"	£27.01

\* Only available in mild steel

## GALVANISED



5360

**HEXAGON REDUCING NIPPLE  
BSPT**

PART NUMBER	THREAD	THREAD	PRICE
CRANE145G-14X18*	1/4"	1/8"	£8.52
CRANE145G-38X14*	3/8"	1/4"	£8.52
CRANE145G-12X14	1/2"	1/4"	£11.77
CRANE145G-12X38	1/2"	3/8"	£10.53
CRANE145G-34X12	3/4"	1/2"	£9.03
CRANE145G-1X12	1"	1/2"	£16.70
CRANE145G-1X34	1"	3/4"	£9.70
CRANE145G-114X1	1 1/4"	1"	£16.80
CRANE145G-112X1	1 1/2"	1"	£39.83
CRANE145G-112X114	1 1/2"	1 1/4"	£22.27
CRANE145G-2X112	2"	1 1/2"	£42.43

\* Only available in mild steel



5360

**FEMALE EQUAL ELBOW  
BSPT**

PART NUMBER	THREAD	PRICE
CRANE151B-18	1/8"	£5.39
CRANE151B-14	1/4"	£3.81
CRANE151B-38	3/8"	£3.81
CRANE151B-12	1/2"	£3.38
CRANE151B-34	3/4"	£4.65
CRANE151B-1	1"	£7.16
CRANE151B-114	1 1/4"	£12.55
CRANE151B-112	1 1/2"	£21.08
CRANE151B-2	2"	£24.68
CRANE151B-212	2 1/2"	£53.31
CRANE151B-3	3"	£78.32
CRANE151B-4	4"	£192.19



5360

**FEMALE EQUAL ELBOW  
BSPT**

PART NUMBER	THREAD	PRICE
CRANE151G-18	1/8"	£10.30
CRANE151G-14	1/4"	£5.80
CRANE151G-38	3/8"	£5.80
CRANE151G-12	1/2"	£5.11
CRANE151G-34	3/4"	£7.00
CRANE151G-1	1"	£10.87
CRANE151G-114	1 1/4"	£21.16
CRANE151G-112	1 1/2"	£31.72
CRANE151G-2	2"	£37.08
CRANE151G-212	2 1/2"	£82.78
CRANE151G-3	3"	£121.57
CRANE151G-4	4"	£246.78



5360

**FEMALE REDUCING ELBOW  
BSPT**

PART NUMBER	THREAD	THREAD	PRICE
CRANE151B-34X12	3/4"	1/2"	£6.38
CRANE151B-1X12	1"	1/2"	£7.34
CRANE151B-114X12	1 1/4"	1/2"	£13.68
CRANE151B-114X1	1 1/4"	1"	£13.14



5360

**FEMALE REDUCING ELBOW  
BSPT**

PART NUMBER	THREAD	THREAD	PRICE
CRANE151G-34X12	3/4"	1/2"	£12.25
CRANE151G-1X12	1"	1/2"	£12.68
CRANE151G-114X12	1 1/4"	1/2"	£25.25
CRANE151G-114X1	1 1/4"	1"	£23.12



5360

**CAP  
BSPT**

PART NUMBER	THREAD	PRICE
CRANE185B-14*	1/4"	£3.00
CRANE185B-38*	3/8"	£4.24
CRANE185B-12	1/2"	£3.31
CRANE185B-34	3/4"	£3.77
CRANE185B-1	1"	£4.74
CRANE185B-114	1 1/4"	£7.91
CRANE185B-112	1 1/2"	£9.37
CRANE185B-2	2"	£19.60

\* Only available in mild steel



5360

**CAP  
BSPT**

PART NUMBER	THREAD	PRICE
CRANE185G-14*	1/4"	£4.89
CRANE185G-38*	3/8"	£4.89
CRANE185G-12	1/2"	£5.07
CRANE185G-34	3/4"	£5.80
CRANE185G-1	1"	£7.77
CRANE185G-114	1 1/4"	£12.41
CRANE185G-112	1 1/2"	£15.82
CRANE185G-2	2"	£29.52

\* Only available in mild steel

## BLACK



**FEMALE EQUAL 45° ELBOW  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE155B-12	1/2"	£8.05
CRANE155B-34	3/4"	£9.91
CRANE155B-1	1"	£14.74
CRANE155B-114	1 1/4"	£28.93
CRANE155B-112	1 1/2"	£35.51
CRANE155B-2	2"	£48.71
CRANE155B-212	2 1/2"	£71.22
CRANE155B-3	3"	£136.24
CRANE155B-4	4"	£298.79

## GALVANISED



**FEMALE EQUAL 45° ELBOW  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE155G-12	1/2"	£13.22
CRANE155G-34	3/4"	£16.31
CRANE155G-1	1"	£22.42
CRANE155G-114	1 1/4"	£48.79
CRANE155G-112	1 1/2"	£57.36
CRANE155G-2	2"	£78.67
CRANE155G-212	2 1/2"	£120.60
CRANE155G-3	3"	£211.58
CRANE155G-4	4"	£408.74



**MALE X FEMALE EQUAL ELBOW  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE152B-18	1/8"	£6.14
CRANE152B-14	1/4"	£4.03
CRANE152B-38	3/8"	£4.55
CRANE152B-12	1/2"	£3.77
CRANE152B-34	3/4"	£5.08
CRANE152B-1	1"	£8.42
CRANE152B-114	1 1/4"	£14.81
CRANE152B-112	1 1/2"	£24.83
CRANE152B-2	2"	£31.97
CRANE152B-212	2 1/2"	£69.05
CRANE152B-3	3"	£120.08



**MALE X FEMALE EQUAL ELBOW  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE152G-18	1/8"	£9.36
CRANE152G-14	1/4"	£6.14
CRANE152G-38	3/8"	£7.39
CRANE152G-12	1/2"	£5.75
CRANE152G-34	3/4"	£7.67
CRANE152G-1	1"	£12.78
CRANE152G-114	1 1/4"	£27.05
CRANE152G-112	1 1/2"	£37.34
CRANE152G-2	2"	£48.05
CRANE152G-212	2 1/2"	£136.42
CRANE152G-3	3"	£186.52



**45° MALE X FEMALE ELBOW  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE156B-12	1/2"	£8.24
CRANE156B-34	3/4"	£10.38
CRANE156B-1	1"	£15.74
CRANE156B-114	1 1/4"	£30.92
CRANE156B-112	1 1/2"	£35.42
CRANE156B-2	2"	£50.70



**45° MALE X FEMALE ELBOW  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE156G-12	1/2"	£13.63
CRANE156G-34	3/4"	£17.84
CRANE156G-1	1"	£26.78
CRANE156G-114	1 1/4"	£57.01
CRANE156G-112	1 1/2"	£60.73
CRANE156G-2	2"	£79.63



**PITCHER EQUAL TEE  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE199B-12	1/2"	£14.15
CRANE199B-34	3/4"	£17.63
CRANE199B-1	1"	£26.45
CRANE199B-114	1 1/4"	£38.57
CRANE199B-112	1 1/2"	£59.62
CRANE199B-2	2"	£83.71
CRANE199B-212	2 1/2"	£141.21



**PITCHER EQUAL TEE  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE199G-12	1/2"	£28.31
CRANE199G-34	3/4"	£34.91
CRANE199G-1	1"	£52.36
CRANE199G-114	1 1/4"	£73.97
CRANE199G-112	1 1/2"	£114.34
CRANE199G-2	2"	£160.58
CRANE199G-212	2 1/2"	£228.42



## BLACK



**FEMALE EQUAL TEE  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE161B-14	1/4"	£5.94
CRANE161B-38	3/8"	£5.01
CRANE161B-12	1/2"	£4.65
CRANE161B-34	3/4"	£6.76
CRANE161B-1	1"	£9.70
CRANE161B-114	1 1/4"	£17.04
CRANE161B-112	1 1/2"	£26.17
CRANE161B-2	2"	£37.68
CRANE161B-212	2 1/2"	£82.61
CRANE161B-3	3"	£100.56
CRANE161B-4	4"	£231.96

## GALVANISED



**FEMALE EQUAL TEE  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE161G-14	1/4"	£9.03
CRANE161G-38	3/8"	£8.16
CRANE161G-12	1/2"	£7.00
CRANE161G-34	3/4"	£10.25
CRANE161G-1	1"	£14.71
CRANE161G-114	1 1/4"	£28.99
CRANE161G-112	1 1/2"	£39.68
CRANE161G-2	2"	£57.17
CRANE161G-212	2 1/2"	£146.16
CRANE161G-3	3"	£156.17
CRANE161G-4	4"	£308.80



**UNEQUAL REDUCING  
BRANCH TEE  
BSPT**

5360

PART NUMBER	THREAD	THREAD	THREAD	PRICE
	A	B	C	
CRANE161B-34X14	3/4"	1/4"	3/4"	£15.84
CRANE161B-34X12	3/4"	1/2"	3/4"	£6.07
CRANE161B-1X14	1"	1/4"	1"	£27.73
CRANE161B-1X12	1"	1/2"	1"	£8.42
CRANE161B-1X34	1"	3/4"	1"	£10.01
CRANE161B-114X12	1 1/4"	1/2"	1 1/4"	£14.81
CRANE161B-114X34	1 1/4"	3/4"	1 1/4"	£16.23
CRANE161B-114X1	1 1/4"	1"	1 1/4"	£16.77
CRANE161B-112X12	1 1/2"	1/2"	1 1/2"	£18.85
CRANE161B-112X34	1 1/2"	3/4"	1 1/2"	£22.81
CRANE161B-112X1	1 1/2"	1"	1 1/2"	£22.18
CRANE161B-2X12	2"	1/2"	2"	£29.14
CRANE161B-2X34	2"	3/4"	2"	£39.55
CRANE161B-2X1	2"	1"	2"	£32.98
CRANE161B-2X114	2"	1 1/4"	2"	£39.55
CRANE161B-2X112	2"	1 1/2"	2"	£49.07
CRANE161B-212X12	2 1/2"	1/2"	2 1/2"	£55.81



**UNEQUAL REDUCING  
BRANCH TEE  
BSPT**

5360

PART NUMBER	THREAD	THREAD	THREAD	PRICE
	A	B	C	
CRANE161G-34X14	3/4"	1/4"	3/4"	£22.20
CRANE161G-34X12	3/4"	1/2"	3/4"	£10.48
CRANE161G-1X14	1"	1/4"	1"	£42.10
CRANE161G-1X12	1"	1/2"	1"	£14.30
CRANE161G-1X34	1"	3/4"	1"	£16.31
CRANE161G-114X12	1 1/4"	1/2"	1 1/4"	£27.05
CRANE161G-114X34	1 1/4"	3/4"	1 1/4"	£29.91
CRANE161G-114X1	1 1/4"	1"	1 1/4"	£29.46
CRANE161G-112X12	1 1/2"	1/2"	1 1/2"	£32.03
CRANE161G-112X34	1 1/2"	3/4"	1 1/2"	£36.91
CRANE161G-112X1	1 1/2"	1"	1 1/2"	£37.34
CRANE161G-2X12	2"	1/2"	2"	£47.53
CRANE161G-2X34	2"	3/4"	2"	£72.89
CRANE161G-2X1	2"	1"	2"	£49.59
CRANE161G-2X114	2"	1 1/4"	2"	£85.03
CRANE161G-2X112	2"	1 1/2"	2"	£98.09
CRANE161G-212X12	2 1/2"	1/2"	2 1/2"	£110.30



**UNEQUAL INCREASING  
BRANCH TEE  
BSPT**

5360

PART NUMBER	THREAD	THREAD	THREAD	PRICE
	A	B	C	
CRANE161B-34X12X12	3/4"	1/2"	1/2"	£7.84
CRANE161B-1X34X34	1"	3/4"	3/4"	£13.42
CRANE161B-114X1X1	1 1/4"	1"	1"	£18.56
CRANE161B-112X1X1	1 1/2"	1"	1"	£32.34
CRANE161B-112X114X12	1 1/2"	1 1/4"	1/2"	£22.42



**UNEQUAL INCREASING  
BRANCH TEE  
BSPT**

5360

PART NUMBER	THREAD	THREAD	THREAD	PRICE
	A	B	C	
CRANE161G-34X12X12	3/4"	1/2"	1/2"	£16.20
CRANE161G-1X34X34	1"	3/4"	3/4"	£22.08
CRANE161G-114X1X12	1 1/4"	1"	1/2"	£38.98
CRANE161G-114X1X1	1 1/4"	1"	1"	£41.48
CRANE161G-112X1X1	1 1/2"	1"	1"	£52.63
CRANE161G-112X114X12	1 1/2"	1 1/4"	1/2"	£50.08

## BLACK



**MALE X FEMALE EQUAL BEND  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE192B-12	1/2"	£6.60
CRANE192B-34	3/4"	£9.66
CRANE192B-1	1"	£14.28
CRANE192B-114	1 1/4"	£21.80
CRANE192B-112	1 1/2"	£34.38
CRANE192B-2	2"	£60.10
CRANE192B-212	2 1/2"	£109.13

## GALVANISED



**MALE X FEMALE EQUAL BEND  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE192G-12	1/2"	£10.13
CRANE192G-34	3/4"	£16.64
CRANE192G-1	1"	£23.32
CRANE192G-114	1 1/4"	£40.16
CRANE192G-112	1 1/2"	£58.88
CRANE192G-2	2"	£101.46
CRANE192G-212	2 1/2"	£169.43



**FEMALE EQUAL BEND  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE193B-12	1/2"	£6.07
CRANE193B-34	3/4"	£8.65
CRANE193B-1	1"	£12.24
CRANE193B-114	1 1/4"	£22.21
CRANE193B-112	1 1/2"	£29.65
CRANE193B-2	2"	£41.72
CRANE193B-212	2 1/2"	£89.12



**FEMALE EQUAL BEND  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE193G-12	1/2"	£10.35
CRANE193G-34	3/4"	£14.83
CRANE193G-1	1"	£20.76
CRANE193G-114	1 1/4"	£37.75
CRANE193G-112	1 1/2"	£45.00
CRANE193G-2	2"	£70.94
CRANE193G-212	2 1/2"	£169.43



**FEMALE EQUAL SOCKET  
BSPP**

5360

PART NUMBER	THREAD	PRICE
CRANE176B-18*	1/8"	£4.00
CRANE176B-14*	1/4"	£4.00
CRANE176B-38*	3/8"	£3.84
CRANE176B-12	1/2"	£3.53
CRANE176B-34	3/4"	£4.28
CRANE176B-1	1"	£5.70
CRANE176B-114	1 1/4"	£10.41
CRANE176B-112	1 1/2"	£15.29
CRANE176B-2	2"	£22.93

\* Only available in mild steel



**FEMALE EQUAL SOCKET  
BSPP**

5360

PART NUMBER	THREAD	PRICE
CRANE176G-18*	1/8"	£6.83
CRANE176G-14*	1/4"	£5.80
CRANE176G-38*	3/8"	£6.11
CRANE176G-12	1/2"	£5.42
CRANE176G-34	3/4"	£6.49
CRANE176G-1	1"	£8.69
CRANE176G-114	1 1/4"	£16.80
CRANE176G-112	1 1/2"	£23.96
CRANE176G-2	2"	£34.40

\* Only available in mild steel



**FEMALE EQUAL SOCKET  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE177B-12	1/2"	£3.26
CRANE177B-34	3/4"	£3.97
CRANE177B-1	1"	£5.48
CRANE177B-114	1 1/4"	£10.56
CRANE177B-112	1 1/2"	£15.37
CRANE177B-2	2"	£22.24
CRANE177B-212	2 1/2"	£37.34
CRANE177B-3	3"	£61.76



**FEMALE EQUAL SOCKET  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE177G-12	1/2"	£4.94
CRANE177G-34	3/4"	£6.47
CRANE177G-1	1"	£8.28
CRANE177G-114	1 1/4"	£17.11
CRANE177G-112	1 1/2"	£23.14
CRANE177G-2	2"	£33.48
CRANE177G-212	2 1/2"	£67.69
CRANE177G-3	3"	£95.94

## BLACK



**REDUCING SOCKET  
BSPT**

5360

PART NUMBER	THREAD	THREAD	PRICE
CRANE179B-12X14	1/2"	1/4"	£5.39
CRANE179B-12X38	1/2"	3/8"	£4.28
CRANE179B-34X12	3/4"	1/2"	£5.17
CRANE179B-1X12	1"	1/2"	£6.07
CRANE179B-1X34	1"	3/4"	£6.45
CRANE179B-114X12	1 1/4"	1/2"	£11.66
CRANE179B-114X34	1 1/4"	3/4"	£11.93
CRANE179B-114X1	1 1/4"	1"	£11.69
CRANE179B-112X12	1 1/2"	1/2"	£22.78
CRANE179B-112X34	1 1/2"	3/4"	£19.60
CRANE179B-112X1	1 1/2"	1"	£14.69
CRANE179B-112X114	1 1/2"	1 1/4"	£15.23
CRANE179B-2X12	2"	1/2"	£30.78
CRANE179B-2X34	2"	3/4"	£32.74
CRANE179B-2X1	2"	1"	£28.40
CRANE179B-2X114	2"	1 1/4"	£26.44
CRANE179B-2X112	2"	1 1/2"	£21.32
CRANE179B-212X2	2 1/2"	2"	£38.72

## GALVANISED



**REDUCING SOCKET  
BSPT**

5360

PART NUMBER	THREAD	THREAD	PRICE
CRANE179G-12X14	1/2"	1/4"	£9.10
CRANE179G-12X38	1/2"	3/8"	£6.99
CRANE179G-34X12	3/4"	1/2"	£7.95
CRANE179G-1X12	1"	1/2"	£10.35
CRANE179G-1X34	1"	3/4"	£9.77
CRANE179G-114X12	1 1/4"	1/2"	£22.27
CRANE179G-114X34	1 1/4"	3/4"	£21.97
CRANE179G-114X1	1 1/4"	1"	£17.54
CRANE179G-112X12	1 1/2"	1/2"	£37.41
CRANE179G-112X34	1 1/2"	3/4"	£33.63
CRANE179G-112X1	1 1/2"	1"	£25.25
CRANE179G-112X114	1 1/2"	1 1/4"	£28.04
CRANE179G-2X12	2"	1/2"	£52.79
CRANE179G-2X34	2"	3/4"	£53.70
CRANE179G-2X1	2"	1"	£48.57
CRANE179G-2X114	2"	1 1/4"	£45.30
CRANE179G-2X112	2"	1 1/2"	£35.98
CRANE179G-212X2	2 1/2"	2"	£77.08



**ECCENTRIC SOCKET  
BSPT**

5360

PART NUMBER	THREAD	THREAD	PRICE
CRANE180B-34X12	3/4"	1/2"	£9.23
CRANE180B-1X12	1"	1/2"	£26.45
CRANE180B-112X1	1 1/2"	1"	£45.00
CRANE180B-112X114	1 1/2"	1 1/4"	£22.57
CRANE180B-2X1	2"	1"	£29.17
CRANE180B-2X114	2"	1 1/4"	£29.17
CRANE180B-2X112	2"	1 1/2"	£27.12



**ECCENTRIC SOCKET  
BSPT**

5360

PART NUMBER	THREAD	THREAD	PRICE
CRANE180G-34X12	3/4"	1/2"	£21.72
CRANE180G-1X12	1"	1/2"	£61.81
CRANE180G-112X1	1 1/2"	1"	£94.78
CRANE180G-112X114	1 1/2"	1 1/4"	£51.15
CRANE180G-2X1	2"	1"	£61.46
CRANE180G-2X114	2"	1 1/4"	£61.46
CRANE180G-2X112	2"	1 1/2"	£61.46



**PLAIN PLUG, HOLLOW  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE147B-34	3/4"	£2.95
CRANE147B-1	1"	£4.00
CRANE147B-114	1 1/4"	£5.36
CRANE147B-112	1 1/2"	£10.05
CRANE147B-2	2"	£14.06
CRANE147B-212	2 1/2"	£22.98
CRANE147B-3	3"	£42.42
CRANE147B-4	4"	£78.09



**PLAIN PLUG, HOLLOW  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE147G-34	3/4"	£4.99
CRANE147G-1	1"	£6.09
CRANE147G-114	1 1/4"	£9.83
CRANE147G-112	1 1/2"	£15.25
CRANE147G-2	2"	£21.35
CRANE147G-212	2 1/2"	£40.66
CRANE147G-3	3"	£65.81
CRANE147G-4	4"	£121.25



**PLAIN PLUG, SOLID  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE148B-14*	1/4"	£1.52
CRANE148B-38	3/8"	£1.98
CRANE148B-12	1/2"	£7.16



**PLAIN PLUG, SOLID  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE148G-14*	1/4"	£2.23
CRANE148G-38	3/8"	£3.02
CRANE148G-12	1/2"	£10.94

\* Only available in mild steel

\* Only available in mild steel

## BLACK



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

5360

PART NUMBER	THREAD	PRICE
CRANE256B-38	3/8"	£15.74
CRANE256B-12	1/2"	£13.50
CRANE256B-34	3/4"	£14.74
CRANE256B-1	1"	£17.25
CRANE256B-114	1 1/4"	£31.17
CRANE256B-112	1 1/2"	£35.18
CRANE256B-2	2"	£58.28
CRANE256B-212	2 1/2"	£125.73
CRANE256B-3	3"	£197.31



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

5360

PART NUMBER	THREAD	PRICE
CRANE271B-12	1/2"	£26.18
CRANE271B-34	3/4"	£29.53
CRANE271B-1	1"	£38.57
CRANE271B-112	1 1/2"	£74.10
CRANE271B-2	2"	£87.24



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

5360

PART NUMBER	THREAD	PRICE
CRANE289B-12	1/2"	£35.87
CRANE289B-34	3/4"	£39.62
CRANE289B-1	1"	£52.35
CRANE289B-114	1 1/4"	£76.90
CRANE289B-112	1 1/2"	£92.96
CRANE289B-2	2"	£118.06



**MALE X FEMALE EQUAL UNION  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE257B-12	1/2"	£15.43
CRANE257B-34	3/4"	£18.89
CRANE257B-1	1"	£23.60
CRANE257B-114	1 1/4"	£37.59
CRANE257B-112	1 1/2"	£48.08
CRANE257B-2	2"	£75.74

## GALVANISED



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

5360

PART NUMBER	THREAD	PRICE
CRANE256G-38	3/8"	£29.88
CRANE256G-12	1/2"	£22.88
CRANE256G-34	3/4"	£25.08
CRANE256G-1	1"	£29.38
CRANE256G-114	1 1/4"	£47.29
CRANE256G-112	1 1/2"	£53.40
CRANE256G-2	2"	£79.61
CRANE256G-212	2 1/2"	£222.46
CRANE256G-3	3"	£343.17



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

5360

PART NUMBER	THREAD	PRICE
CRANE271G-12	1/2"	£51.70
CRANE271G-34	3/4"	£60.85
CRANE271G-1	1"	£62.90
CRANE271G-112	1 1/2"	£137.64
CRANE271G-2	2"	£166.64



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

5360

PART NUMBER	THREAD	PRICE
CRANE289G-12	1/2"	£54.95
CRANE289G-34	3/4"	£65.28
CRANE289G-1	1"	£80.21
CRANE289G-114	1 1/4"	£136.82
CRANE289G-112	1 1/2"	£151.64
CRANE289G-2	2"	£179.22



**MALE X FEMALE EQUAL UNION  
BSPT**

5360

PART NUMBER	THREAD	PRICE
CRANE257G-12	1/2"	£24.09
CRANE257G-34	3/4"	£29.51
CRANE257G-1	1"	£34.31
CRANE257G-114	1 1/4"	£69.37
CRANE257G-112	1 1/2"	£88.79
CRANE257G-2	2"	£139.78



**SLEEVE JOINT**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C00G20	26.9	3/4"	£9.84
HR-C00G25	33.7	1"	£9.32
HR-C00G32	42.4	1 1/4"	£12.64
HR-C00G40	48.3	1 1/2"	£14.36
HR-C00G50	60.3	2"	£23.28



**VARIABLE ELBOW**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C05G25	33.7	1"	£15.80
HR-C05G32	42.4	1 1/4"	£20.92
HR-C05G40	48.3	1 1/2"	£25.96



**EXPANDING JOINT**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C01G25	33.7	1"	£9.08
HR-C01G32	42.4	1 1/4"	£11.68
HR-C01G40	48.3	1 1/2"	£14.36



**INTERNAL T JOINT**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C06G25	33.7	1"	£11.20
HR-C06G32	42.4	1 1/4"	£16.20
HR-C06G40	48.3	1 1/2"	£17.08



**90 DEGREE ELBOW**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C02G20	26.9	3/4"	£9.92
HR-C02G25	33.7	1"	£9.64
HR-C02G32	42.4	1 1/4"	£13.32
HR-C02G40	48.3	1 1/2"	£15.96
HR-C02G50	60.3	2"	£38.76



**45 DEGREE TEE**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C07G25	33.7	1"	£15.52
HR-C07G32	42.4	1 1/4"	£22.28
HR-C07G40	48.3	1 1/2"	£26.56



**SHORT TEE**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C03G20	26.9	3/4"	£7.68
HR-C03G25	33.7	1"	£8.20
HR-C03G32	42.4	1 1/4"	£11.36
HR-C03G40	48.3	1 1/2"	£13.16
HR-C03G50	60.3	2"	£23.56



**WALL FLANGE**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C11G20	26.9	3/4"	£9.68
HR-C11G25	33.7	1"	£10.08
HR-C11G32	42.4	1 1/4"	£12.48
HR-C11G40	48.3	1 1/2"	£16.92
HR-C11G50	60.3	2"	£25.00



**LONG TEE**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C04G20	26.9	3/4"	£12.92
HR-C04G25	33.7	1"	£13.32
HR-C04G32	42.4	1 1/4"	£18.68
HR-C04G40	48.3	1 1/2"	£21.44
HR-C04G50	60.3	2"	£43.36



**RAILING BASE FLANGE**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C12G20	26.9	3/4"	£16.56
HR-C12G25	33.7	1"	£16.92
HR-C12G32	42.4	1 1/4"	£20.40
HR-C12G40	48.3	1 1/2"	£26.64
HR-C12G50	60.3	2"	£43.00



5350

### RAILING VERTICAL SIDE SUPPORT

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C13G25	33.7	1"	£22.36
HR-C13G32	42.4	1 1/4"	£29.60
HR-C13G40	48.3	1 1/2"	£35.08



5350

### CORNER C/W THROUGH TUBE NB

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C21G20	26.9	3/4"	£10.24
HR-C21G25	33.7	1"	£11.00
HR-C21G32	42.4	1 1/4"	£15.52
HR-C21G40	48.3	1 1/2"	£17.48
HR-C21G50	60.3	2"	£35.52



5350

### SIDE PALM FIXING

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C15G25	33.7	1"	£16.64
HR-C15G32	42.4	1 1/4"	£24.40
HR-C15G40	48.3	1 1/2"	£28.76



5350

### TWO SOCKET CROSS

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C22G20	26.9	3/4"	£12.92
HR-C22G25	33.7	1"	£12.00
HR-C22G32	42.4	1 1/4"	£14.60
HR-C22G40	48.3	1 1/2"	£18.68
HR-C22G50	60.3	2"	£36.00



5350

### HANDRAIL BRACKET

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C16G20	26.9	3/4"	£11.88
HR-C16G25	33.7	1"	£10.40
HR-C16G32	42.4	1 1/4"	£15.20
HR-C16G40	48.3	1 1/2"	£17.08



5350

### SIDE OUTLET TEE

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C23G20	26.9	3/4"	£15.36
HR-C23G25	33.7	1"	£15.36
HR-C23G32	42.4	1 1/4"	£21.32
HR-C23G40	48.3	1 1/2"	£23.92
HR-C23G50	60.3	2"	£46.68



5350

### GROUND SUPPORT

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C17G25	33.7	1"	£35.36
HR-C17G32	42.4	1 1/4"	£66.80
HR-C17G40	48.3	1 1/2"	£69.16



5350

### ANGLE CROSS UP TO 45°

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C26G25	33.7	1"	£56.24
HR-C26G40	48.3	1 1/2"	£64.29



5350

### 3 WAY 90° ELBOW

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C20G20	26.9	3/4"	£13.96
HR-C20G25	33.7	1"	£12.96
HR-C20G32	42.4	1 1/4"	£19.80
HR-C20G40	48.3	1 1/2"	£24.00
HR-C20G50	60.3	2"	£64.88



5350

### ANGLE TEE UP TO 45°

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C27G25	33.7	1"	£56.24
HR-C27G32	42.4	1 1/4"	£63.37
HR-C27G40	48.3	1 1/2"	£64.29



**ADJUSTABLE 2 SOCKET CROSS**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C28G25	33.7	1"	£26.64
HR-C28G32	42.4	1 1/4"	£31.08
HR-C28G40	48.3	1 1/2"	£36.44



**FIXING PAD**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C34G25	33.7	1"	£5.72
HR-C34G32	42.4	1 1/4"	£7.08
HR-C34G40	48.3	1 1/2"	£8.44



**ADJUSTABLE SHORT TEE**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C29G25	33.7	1"	£11.20
HR-C29G32	42.4	1 1/4"	£15.44
HR-C29G40	48.3	1 1/2"	£18.00



**FEMALE SWIVEL**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C36G20F	26.9	3/4"	£8.72
HR-C36G25F	33.7	1"	£9.56
HR-C36G32F	42.4	1 1/4"	£9.56
HR-C36G40F	48.3	1 1/2"	£12.12
HR-C36G50F	60.3	2"	£28.08



**GATE EYE**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C31G20	26.9	3/4"	£10.24
HR-C31G25	33.7	1"	£8.04
HR-C31G32	42.4	1 1/4"	£8.52
HR-C31G40	48.3	1 1/2"	£9.40



**MALE SWIVEL**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C36G25M	33.7	1"	£6.92
HR-C36G32M	42.4	1 1/4"	£8.52



**GATE HINGE**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C32G20	26.9	3/4"	£11.44
HR-C32G25	33.7	1"	£8.96
HR-C32G32	42.4	1 1/4"	£9.56
HR-C32G40	48.3	1 1/2"	£10.36



**DOUBLE MALE SWIVEL**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C37G20	26.9	3/4"	£13.48
HR-C37G25	33.7	1"	£9.40
HR-C37G32	42.4	1 1/4"	£9.92
HR-C37G40	48.3	1 1/2"	£11.28
HR-C37G50	60.3	2"	£23.84



**HOOK**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C33G20	26.9	3/4"	£8.52
HR-C33G25	33.7	1"	£7.08
HR-C33G32	42.4	1 1/4"	£8.36
HR-C33G40	48.3	1 1/2"	£9.48



**90° DOUBLE MALE SWIVEL**

5350

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C38G20	26.9	3/4"	£16.04
HR-C38G25	33.7	1"	£11.96
HR-C38G32	42.4	1 1/4"	£12.72
HR-C38G40	48.3	1 1/2"	£12.88



5350

### 90 DEGREE CROSSOVER

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C40G20	26.9	3/4"	£8.96
HR-C40G25	33.7	1"	£9.08
HR-C40G32	42.4	1 1/4"	£11.96
HR-C40G40	48.3	1 1/2"	£14.16
HR-C40G50	60.3	2"	£25.00



5350

### SINGLE SWIVEL COMBINATION

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C45G20	26.9	3/4"	£16.72
HR-C45G25	33.7	1"	£16.16
HR-C45G32	42.4	1 1/4"	£21.92
HR-C45G40	48.3	1 1/2"	£21.92
HR-C45G50	60.3	2"	£46.88



5350

### BASE SWIVEL COMBINATION

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C46G20	26.9	3/4"	£19.36
HR-C46G25	33.7	1"	£17.56
HR-C46G32	42.4	1 1/4"	£20.72
HR-C46G40	48.3	1 1/2"	£23.40
HR-C46G50	60.3	2"	£38.76



5350

### DOUBLE SWIVEL COMBINATION

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C47G20	26.9	3/4"	£31.68
HR-C47G25	33.7	1"	£29.60
HR-C47G32	42.4	1 1/4"	£33.56
HR-C47G40	48.3	1 1/2"	£37.40
HR-C47G50	60.3	2"	£80.64



5350

### SPARE GRUB SCREWS

PART NUMBER	SCREW SIZE	FOR TUBE SIZE MM	PRICE
HR-C60S25	1/4"	26.9, 33.7	£1.52
HR-C60S32/40	3/8"	42.4, 48.3, 60.3	£1.64



5350

### ALLEN KEY

PART NUMBER	TUBE SIZE MM	PRICE
HR-C61S25	26.9/33.7	£2.16
HR-C61S32/40	42.4/48.3/60.3	£2.92



5350

### PLASTIC END CAPS

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C65P20	26.9	3/4"	£0.96
HR-C65P25	33.7	1"	£1.04
HR-C65P32	42.4	1 1/4"	£1.52
HR-C65P40	48.3	1 1/2"	£1.52
HR-C65P50	60.3	2"	£2.24



5350

### SINGLE MESH CLIP

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C66G20	26.9	3/4"	£3.44
HR-C66G25	33.7	1"	£3.44
HR-C66G32	42.4	1 1/4"	£3.84
HR-C66G40	48.3	1 1/2"	£3.84
HR-C66G50	60.3	2"	£4.96



5350

### WEATHER COWL

PART NUMBER	TUBE SIZE MM	NOMINAL BORE	PRICE
HR-C68G25	33.7	1"	£54.96
HR-C68G40	48.3	1 1/2"	£42.56



5350

### MEDIUM PLAIN ENDED PIPE 3.25 M LENGTH

PART NUMBER	TUBE NB	PRICE
AL-GP12	3/4"	£48.28
AL-GP16	1"	£67.72
AL-GP24	1 1/2"	£97.35
AL-GP32	2"	£136.59



5350

### MEDIUM PLAIN ENDED HANDRAIL PIPE 3.25 M LENGTH

PART NUMBER	TUBE NB	PRICE
AL-GP12HRL	3/4"	£54.08
AL-GP16HRL	1"	£75.36
AL-GP20HRL	1 1/4"	£92.84
AL-GP24HRL	1 1/2"	£106.32
AL-GP32HRL	2"	£163.92