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# waterline products

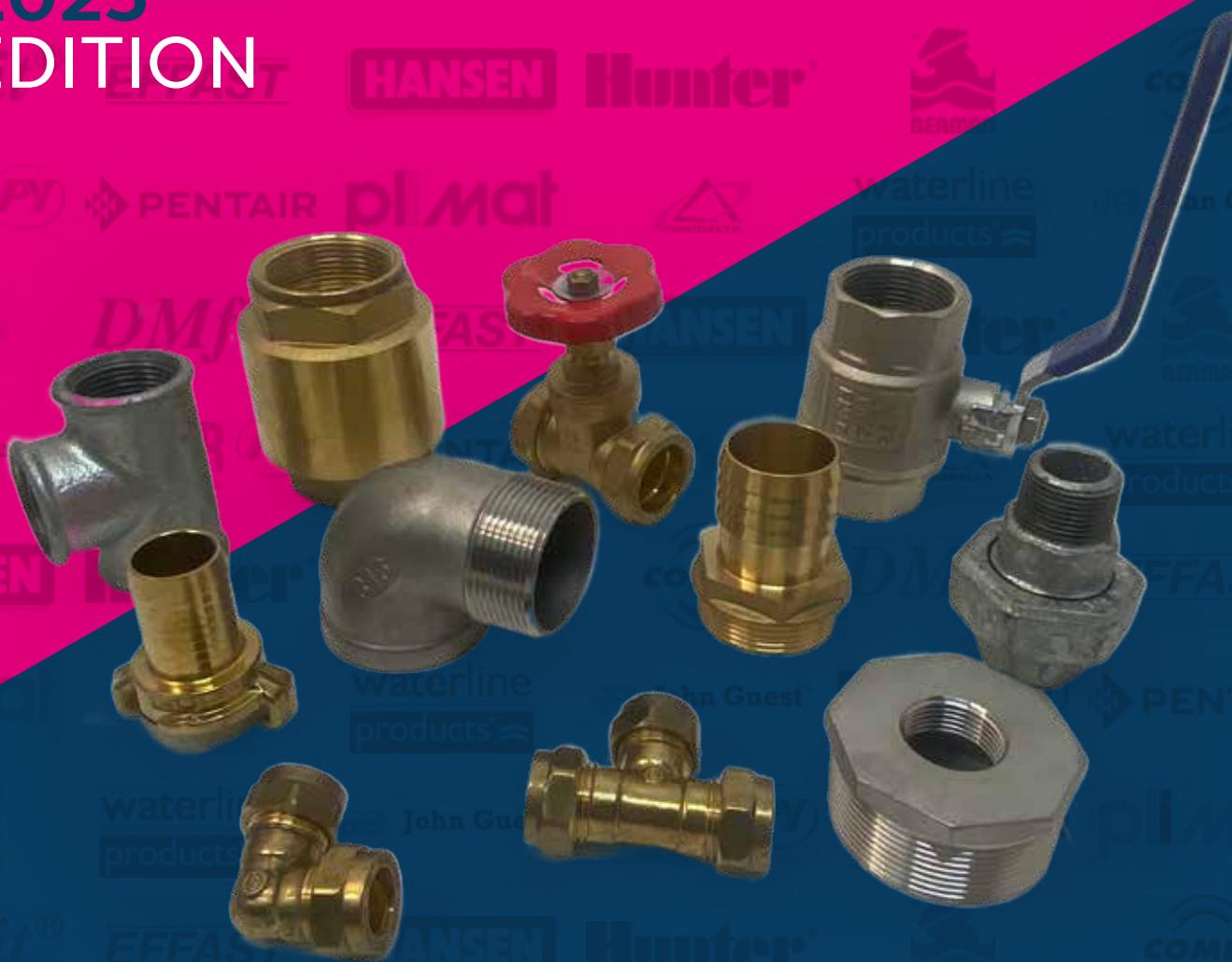
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# FILTRATION & WATER CONNECTIONS

**2025  
EDITION**



# WELCOME

**Welcome to the Waterline Products Catalogue for 2025. We would like to start by saying thank you to all our customers for their support over the last year and welcome to all the new customers that have joined us over the past year.**

In 2024, we made a substantial investment into our premises with the introduction of a showroom. Our new space now allows us to better display the vast range of products we stock as well as the addition of our water filtration and purification testing facility. Our customers are now able to sample our water as well as visually seeing how our systems integrate into their homes. This new space has allowed us to better serve our customers and meet their needs.

Our range of products remains as expansive as in previous years with new additions to our stock. We are pleased to announce that we are continuing to diversify our product offering with the introduction of plumbing fittings as well as an increased range of metal and steel fitting and bolts.

Throughout each year we continue to review and improve upon our stock lines and systems. Our substantial stock holding ensures that we can fulfil our customers' orders without delay. Along with constant updates and improvements to our websites, our online customers can benefit from an efficient and user-friendly online shopping experience.

In 2025 we hope to continue to grow, diversify and invest allowing us to remain one of your most competitive supplier options.

As always we are available for advice and support for any queries that our customers have. We can be contacted via email at [info@waterlineproducts.co.uk](mailto:info@waterlineproducts.co.uk), telephone on 028 7965 0393 or 01823 698813, Whatsapp on 07593 074 132 or in person at our premises.

**Roy Roddy**

**waterline**  
products ≡





# SECTION INDEX

**OUR VAST RANGE OF PIPE, HOSE AND VALVES ARE  
SUITABLE FOR WATER AND LIQUID APPLICATIONS  
IN DOMESTIC SETTINGS AND INDUSTRY.**

Our Brands	04
Water Filtration	05
John Guest	16
White Fittings	31
PVC Imperial	32
PVC Metric	40
CPVC	48
ABS	51
Compression	59
Gaskets, Glues, Cleaners	62
Galvanised Malleable	64
Black Iron Malleable	69
Stainless Steel	71
Brass Threaded Fittings	74
Plumbing	77
Gauges	79
Valves & Metal Fittings	80
Polypropylene Threaded Fittings	83
Nylon Threaded Fittings	85
Hose	87
Hose Clips	89
Brass Hose Connectors	92
Polyethylene Barbed Valves	94
Nylon Tank Connectors	94
Polyethylene Barbed Fittings	95
Black Hose Tails	96
Hose Adaptors	97
Nylon Barb Fittings	98
Slurry Type Couplings	100
URT Type Couplings	102
Polypropylene Camlock Couplings	104
Aluminium Camlock Couplings	105
Stainless Steel Camlock Couplings	106
IBC Connectors	107
Irrigation	108
Water Storage	117
Clips, U Bolts & Starlocks	120
Technical Specification	137
Connection Guides	144
Measuring Guides	149
Pipe Thread Guide	151
Terms & Conditions	152



# OUR BRANDS

**WATERLINE PRODUCTS IS MORE THAN JUST ONE BRAND.  
IT IS A CONSORTIUM OF DIFFERENT BRANDS WITH  
WATERLINE PRODUCTS AS THE FOREFRONT FOLLOWED  
BY RO-MAN, PURITY ON TAP AND THE U BOLT SHOP.**



## WWW.WATERLINEPRODUCTS.CO.UK

Waterline Products provide a full range of pipeline components. We supply a wide and varied range of pipe and hose fittings including PVCu, ABS, PP Compression, Galvanised Malleable Iron, Brassware, Stainless Steel, Metal Valves, Hose, Hose Couplings, Hose Clipes, PP Barbed, PP Threaded, Camlock, Nylon and U Bolts.



## WWW.RO-MAN.COM

RO-MAN specialise in high quality water filtration and reverse osmosis systems. Our systems are built in the UK using high quality components. We have an extensive range of systems suitable for many environments including domestic, dental, fish keeping and window cleaning. In addition to systems, we supply filters, membranes, component parts as well as John Guest, Heavy Metal and Nitrate Removal, Deionisation, Pumps, and Water Storage.



## WWW.PURITYONTAP.COM

Purity on Tap specialise in high quality water filtration equipment designed for use with marine aquariums, fish keeping and drinking water. We have developed the most comprehensive range of water filtration systems including: Gemini, Metalex, Hi-Met, KP1, KP2, Hilux, SP Range, filters and membranes.



## WWW.THEUBOLTSOUP.CO.UK

The U Bolt Shop are component manufacturers of U Bolts, component parts and accessories. Engineered using high tensile, British steel our U Bolts and accessories are ideal for industries such as civil, utility and mechanical engineering, construction and automotive industry.

# Reverse Osmosis Systems



## Standard Systems

Our standard systems are full sized units which provide better pre-filtration than basic systems and less chance of membrane fouling. The membrane will remove an average 97-99% of tap water contaminants. We only use high quality membranes made in the US.

The 3 Stage Standard System includes a self cleaning membrane, a 5 micron sediment pre-filter and a solid carbon block filter.

The 4 Stage Standard System includes a self cleaning membrane, a 5 micron sediment pre-filter, a solid carbon block filter and a granulated active carbon filter.



Description	Code	Price
<b>3 Stage Systems</b>		
50 GPD	RO-3ST-50GPD	76.23
75 GPD	RO-3ST-75GPD	79.00
100 GPD	RO-3ST-100GPD	83.16
150 GPD	RO-3ST-150GPD	91.48

Description	Code	Price
<b>4 Stage Standard Systems</b>		
50 GPD	RO-4ST-50GPD	129.73
75 GPD	RO-4ST-75GPD	134.54
100 GPD	RO-4ST-100GPD	141.37
150 GPD	RO-4ST-150GPD	154.67

## Professional 4 Stage Systems with DI Unit

Professional 4 Stage Systems contain a self cleaing membrane, 5 micron sediment pre-filter, solid carbon block filter and a DI cartridge. Professional systems have a large capacity DI which last 3 to 4 times longer than the inline type. The resin will last longer and is both environmentally friendly and convenient to change as the cartridge is refillable.



Description	Code	Price
50 GPD	RO-DI-PROF-50GPD	101.18
75 GPD	RO-DI-PROF-75GPD	103.95
100 GPD	RO-DI-PROF-100GPD	109.49
150 GPD	RO-DI-PROF-150GPD	120.58

## Larger Systems - 200, 300, 450 GPD Systems

Our larger systems are full sized units designed to produce pure water at a high volume of output. These systems are ideal for applications including aquariums, hydroponics and window cleaners.

Larger systems contain a 5 micron sediment pre-filter, solid carbon block and a chlorplus carbon filter. The 200 GPD system comes with 2 x 100 GPD membranes; 300 GPD system comes with 3 x 100 GPD membranes and 450 GPD system comes with 3 x 150 GPD membranes.



Description	Code	Price
200 GPD	RO-200	242.55
300 GPD	RO-300	373.45
450 GPD	RO-450	304.92

## Drinking Water Systems - 5 Stage, 6 Stage Systems

Domestic systems are complete filtration systems producing high quality, pure water for drinking. These systems will remove contaminants including rust, chlorine, pesticides, lead, oestrogen and fluoride.



Description	Code	Price
5 Stage Domestic	RO-DOM-5	214.98
6 Stage Domestic	RO-DOM-6	234.23

## Whole House Filtration Systems

Our Whole House Filtration System is a complete system to filter all the water used within your home. Installed on the water input to the home, this system will treat water as soon as it enters the plumbing system. The system includes a 5 Micron Sediment filter and 2 big blue granulated active carbon filters.



Description	Code	Price
WHOLE HOUSE	WHOLE-HOUSE-MD	630.50

## Fresh 3 System

Our Fresh 3 System is a 3 pod system designed to produce high quality, filtered water for the home. This will remove chlorine, chloramine, heavy metals and is an ideal, on demand system for domestic settings. This system includes a 5 micron sediment filter, CBR2 filter and chlorplus carbon filter.



Description	Code	Price
Fresh 3 System	SY-FRESH	139.46

**Dental System**

Our Dental Reverse Osmosis System has been designed with the dental industry in mind. This system is suitable for both smaller practices as well as large multi-chair practices and will produce an ample supply of pure water for autoclaves, drills and other equipment to meet the requirements of any practice.

This system include a 5 micron sediment filter, a solid carbon block filter, DI resin cartridge an a self cleaning membrane. This system has the option of an additional pump.



Description	Code	Price
No-Pump 1 - 3 Chairs	RO-DENT-NONPUMP	374.22
Pumped 4+ Chairs	RO-DENT-PUMP	449.06

**Tropical Fish Water Purification**

Our Tropical Fish Water Purification System has been used by customers since its original design in 1990 and we have been making improvements and updates ever since. This system has been developed with mixed-bed resins to cater for all freshwater species where contaminant levels would defeat a normal purifier. All our METALEX range will lower levels of free chlorine, chloramine, copper, lead, iron and both dissolved aluminium and aluminium floc.



Capacity	Code	Price
<b>Metalex Systems</b>		
2000 Gallons	MM20	86.63
56000 Gallons	MM80	132.83
56000 Gallons	MM80+C	138.12

The MM20 system comes with a 1 micron pre-filter sediment cartridge and a Metalex cartridge. The MM80 also includes a 'Short Travel' Carbon cartridge and the MM80C comes with a Chlornomore for optimal chlorine removal.

**Koi Fish Water Purification**

This range of Koi pond purifiers incorporate advanced features, have been specifically designed for Koi and thoroughly tested for suitability. Our Koi Fish systems include a Chlornomore Purifier Cartridge as standard. The effectiveness of the Chlornomore Purifier Cartridge for Chloramine removal is recognised throughout the Industry and the unique "filter balance" technology results in system performance which far out-strips other marques.



Capacity	Code	Price
<b>KP Systems</b>		
20,000 Gallons	KP1	91.92
40,000 Gallons	KP2	149.19
<b>PROTEX System</b>		
30,000 Gallons	Protex	133.79
<b>HILUX System</b>		
220,000 Gallons	HILUX+C	213.19
<b>HIMET System</b>		
220,000 Gallons	HIMET+C	313.29

**Marine Water Purification**

With our extensive experience and vast knowledge of the reverse osmosis industry, we have ensured our pre-filtration is correctly matched to the products of the membrane and we find our twin pre-filter systems can easily outperform triple pre-filter units. Our SP and ULTRO Systems are a real step forward in efficiency and value. This range is ideal for Discus, Marine and water softening applications.



These systems use reverse osmosis to provide high quality water which is up to 99% pure. The SP is a 3 stage system consisting of a 5 micron sediment filter, a high grade carbon filter and a "Short-leaf" thin film composite membrane. The ULTRO System takes the purity to the next level by including high quality deionising resin.

Capacity	Code	Price
<b>SP System</b>		
35 GPD	SP35	98.66
50 GPD	SP50	110.69
75 GPD	SP75	133.31
100 GPD	SP100	173.73
<b>ULTRO System</b>		
35 GPD	ULTRO35	119.83
50 GPD	ULTRO50	141.01
75 GPD	ULTRO75	185.28
100 GPD	ULTRO100	202.61

# Test Meters

Our handheld TDS testers, in-line monitors, controllers and demonstration devices for reverse osmosis (RO) water filters and water purification systems are high quality and superior in construction and performance with an economical price. HM Digital Inc. are the only manufacturer of economical in-line dual TDS meters which measure total dissolved solids (TDS) levels of feed and product water lines simultaneously, an effective way to compare rejection rates and gauge reverse osmosis membrane, water filter and water purification performance.

## TDS Meters

Inline monitors are convenient devices to monitor the performance of filters and reverse osmosis systems. The dual TDS monitors measure the tap water coming in vs. the purified water going out of your system at any time. The DM2 has a auto-off function to conserve battery power.

Handheld meters are ideal for water professionals or health-conscious consumers. The TDS-EZ is a economy model that is ideal for end-users. The 3TM is more suited for commercial use. The COM-100 measures electrical conductivity (EC) total dissolved solids (TDS) and temperature.

	Description	Code	Price
<b>Inline</b>			
	DM1: Inline Dual TDS Monitor	DM1	30.80
	DM2: Industrial Dual TDS Monitor	DM2	24.17
<b>Hand Held</b>			
	TDS-EZ: Water Quality Tester	TDS-EZ	13.38
	3TM: Built in /Thermometer and Case	TDS-3TM	14.54
	COM100: Waterproof EC/TDS/Temp Combo Meter	COM-100	40.70



DM1



DM2



TDS-EZ



TDS-3TM



COM-100

## Replacement Probes for DM1

	Description	Code	Price
	Inline TDS Meter	DM1	29.33

## Batteries for HM Digital TDS Meters and PH Meters



	Description	Code	Price
	Batteries	BAT-375A	0.63

## PH Meter

The PH-200 measures both pH and temperature. It is ideal for all pH testing with a temperature range of 0-80°C and a pH range of 0-14.

	Description	Code	Price
	PH-200 Waterproof pH Meter	PH-200	40.55



## Redox Meter

This Redox Meter measures both oxidation reduction potential (redox) and temperature. It can read ORP from -999 to +1000 mV.

	Description	Code	Price
	ORP200: Waterproof ORP Meter	OPR-200	38.50



## TDS Controllers

Controllers manage the output performance of high volume commercial water purification systems.

The PS100 monitors and control the TDS level for high output commercial systems. An alarm will sound if the TDS level rises above the user-set level. The PS200 monitors two water lines. The PS202 monitors two water line and its dual display allows you to compare both measurements instantly

	Description	Code	Price
	PS100: Panel Mount Controller	PS100	103.95
	PS200: Dual Controller	PS200	124.74
	PS202: Dual Display TDS Controller	PS202	147.26



PS100



PS200



PS202

## Heavy Metal Removal

### HMA Heavy Metal Removal Carbon Based System



Description	Code	Price
HMA 2000	HMA2000	82.29
HMA 2100	HMA2010	128.49
HMA 3020	HMA3020	186.24

### HMA Metal Removing Resin Systems



Description	Code	Price
1 x 700ml Cartridge	METAL-SYSTEM-700	22.45
2 x 700ml Cartridges	METAL-SYSTEM-1400	39.40
3 x 700ml Cartridges	METAL-SYSTEM-2100	58.67

### HMA Metal Removing Resin Vessels (Filled)



Description	Code	Price
7 Litre Resin Vessel	METAL-VESSEL-7L	108.69
11 Litre Resin Vessel	METAL-VESSEL-11L	164.88
25 Litre Resin Vessel	METAL-VESSEL-25L	295.39

### Heavy Metal Removal Carbon Based Filter Sets



Description	Code	Price
HMA 2000 Filter Set	FIL-SET-HMA-2000	18.88
HMA 2100 Filter Set	FIL-SET-HMA-2010	38.58
HMA 3020 Filter Set	FIL-SET-HMA-3020	58.67

### HMA Metal Removing Resin



Description	Code	Price
1 Litre Resin Vessel	METAL-RESIN-1L	8.33
5 Litre Resin Vessel	METAL-RESIN-5L	36.09
7 Litre Resin Vessel	METAL-RESIN-7L	47.60
11 Litre Resin Vessel	METAL-RESIN-11L	79.41
25 Litre Resin Vessel	METAL-RESIN-25L	188.51

### Refillable HMA Metal Removing Cartridges (Filled)



Description	Code	Price
Inline (250ml)	METAL-CART-INLINE	13.11
10 Inch (700ml)	METAL-CART-10	15.42
2 x 10 Inch (1400ml)	METAL-CART-20	27.93
3 x 10 Inch (2100ml)	METAL-CART-30	44.29

## Deionisation

### Deionisation Systems



Description	Code	Price
1 x 700ml Cartridge	DI-SYSTEM-700	22.38
2 x 700ml Cartridges	DI-SYSTEM-1400	56.55
3 x 700ml Cartridges	DI-SYSTEM-2100	72.91

### Deionisation Resin Vessel (Filled)



Description	Code	Price
7 Litre Resin Vessel	DI-VESSEL-7L	90.68
11 Litre Resin Vessel	DI-VESSEL-11L	125.16
25 Litre Resin Vessel	DI-VESSEL-25L	196.32

### Refillable Deionisation Cartridges (Filled)



Description	Code	Price
Inline (250ml)	DI-CART-INLINE-RESIN	18.02
10 Inch (700ml)	DI-CART-10-RESIN	10.33
20 Inch (1400ml)	DI-CART-20-RESIN	18.85

### Deionisation Resin



Description	Code	Price
1 Litre DI Resin	DI-RESIN-1L	8.57
5 Litre DI Resin	DI-RESIN-5L	31.90
7 Litre DI Resin	DI-RESIN-7L	41.80
11 Litre DI Resin	DI-RESIN-11L	50.60
25 Litre DI Resin	DI-RESIN-25L	115.50

## Nitrate Removal

### Nitrate Removing Systems



Description	Code	Price
1 x 700ml Cartridge	NITRATE-SYSTEM-700	26.52
2 x 700ml Cartridges	NITRATE-SYSTEM-1400	65.33
3 x 700ml Cartridges	NITRATE-SYSTEM-2100	87.99

### Nitrate Removing Resin Vessel (Filled)



Description	Code	Price
7 Litre Resin Vessel	NITRATE-VESSEL-7L	143.46
11 Litre Resin Vessel	NITRATE-VESSEL-11L	199.74
25 Litre Resin Vessel	NITRATE-VESSEL-25L	376.70

### Refillable Nitrate Cartridges (Filled)



Description	Code	Price
Inline (250ml)	NITRATE-CART-INLINE	16.52
10 Inch (700ml)	NITRATE-CART-10	14.96
20 Inch (1400ml)	NITRATE-CART-20	33.67

### Nitrate Removing Resin



Description	Code	Price
1 Litre Nitrate Resin	NITRATE-RESIN-1L	16.75
5 Litre Nitrate Resin	NITRATE-RESIN-5L	81.81
7 Litre Nitrate Resin	NITRATE-RESIN-7L	113.77
11 Litre Nitrate Resin	NITRATE-RESIN-11L	178.06
25 Litre Nitrate Resin	NITRATE-RESIN-25L	278.16

# Filter Sets & Cartridges

## Replacement Filter Sets

	Description	Code	Price
<b>3 Stage Standard Filter Set</b>			
	<p>This set is for the replacement of the pre-filters in 3 Stage Reverse Osmosis System.</p> <p>The set includes: 1 x 5 Micron Sediment and 1 x Carbon Block.</p>	3 Stage	FIL-SET-3S4S-3SS
<b>4 Stage Standard Filter Set</b>			
	<p>This set is for the replacement of the pre-filters in 4 Stage Standard Reverse Osmosis System.</p> <p>The set includes: 1 x 5 Micron Sediment, 1 x Carbon Block and 1 x GAC Carbon.</p>	4 Stage Standard	FIL-SET-3S4S-4SS
<b>Professional 4 Stage Filter Set</b>			
	<p>This set is for the replacement of the pre-filters in Professional 4 Stage Reverse Osmosis Systems.</p> <p>The set includes: 1 x 5 Micron Sediment, 1 x Carbon Block and 1000 ml Resin.</p>	4 Stage Professional	FIL-SET-4PRO
<b>Large Systems - 200, 300 &amp; 450 GPD Filter Set</b>			
	<p>This set is for the replacement of the pre-filters in 200, 300 &amp; 450 GPD systems.</p> <p>The set includes: 1 x 5 Micron Sediment, 1 x Carbon Block and 1 x Chloramine Removal Filter.</p>	200, 300 & 450 GPD	FIL-SET-LARGE
<b>Drinking Water - 5 Stage &amp; 6 Stage System Filter Set</b>			
	<p>This set is for the replacement of the pre-filters in our Drinking Water Systems.</p> <p>The 5 Stage filter set includes: 1 x 5 Micron Sediment, 1 x Carbon Block, 1 x GAC Carbon, 1 x Inline Taste and Odour Removing Carbon. The 6 Stage filter set includes the 5 Stage filters with an additional Inline Remineralising Carbon</p>	5 Stage	FIL-SET-DOM-5S
		6 Stage	FIL-SET-DOM-6S
<b>Whole House Filter Set</b>			
	<p>This set is for the replacement of the pre-filters in our Whole House Filtration System.</p> <p>Each filterset includes 4 x 5 Micron Sediment. The Small household system includes 6 litres of Granulated Active Carbon; Medium household includes 11 Litres and Large household includes 25 Litres.</p>	Whole House Filter Set	WH-HOUSE-FIL-SET
<b>Fresh 3 Filter Set</b>			
	<p>This set is for the replacement of the pre-filters in Fresh 3 System.</p> <p>The set includes: 1 x 5 Micron Sediment, 1 x CBR2 Carbon and 1 x Chlorplus Carbon.</p>	Fresh 3 Filter Set	FIL-SET-FRESH3
<b>4040 Filter Set</b>			
	<p>This set is for the replacement of the prefilters in 4040 Reverse Osmosis Systems.</p> <p>The 4040 Filter Set includes: 1 x 20" 5 Micron Sediment and 1 x 20" Carbon Block. The High Volume Filter Set includes: 1 x 20" 5 Micron Sediment and 1 x 20" Chlorplus Carbon.</p>	4040 Filter Set	FIL-SET-4040-ST
		4040 High Volume	FIL-SET-4040-HV

**Sediment Filters****Pleated Sediment Filter - 10 Micron, 20 Micron, 50 Micron**

Description	Code	Price
<b>10" Filter Cartridge</b>		
10 Micron	FIL-SED-PL-10-10	8.43
20 Micron	FIL-SED-PL-10-20	8.43
50 Micron	FIL-SED-PL-10-50	8.43

**20" Filter Cartridge**

10 Micron	FIL-SED-PL-20-10	16.92
20 Micron	FIL-SED-PL-20-20	16.92
50 Micron	FIL-SED-PL-20-50	16.92

**10" Big Blue Filter Cartridge**

10 Micron	FIL-SED-PL-10BB-10	16.22
20 Micron	FIL-SED-PL-10BB-20	16.22
50 Micron	FIL-SED-PL-10BB-50	16.22

**20" Big Blue Filter Cartridge**

10 Micron	FIL-SED-PL-20BB-10	35.68
20 Micron	FIL-SED-PL-20BB-20	35.68
50 Micron	FIL-SED-PL-20BB-50	35.68

**Spun Sediment Filter - 5 Micron, 10 Micron, 20 Micron**

Description	Code	Price
<b>Inline Filter Cartridge</b>		
5 Micron	FIL-SED-INLINE-5	10.26
10 Micron	FIL-SED-INLINE-10	10.26
20 Micron	FIL-SED-INLINE-20	10.26

**5" Filter Cartridge**

5 Micron	FIL-SED-5-5	3.33
10 Micron	FIL-SED-5-10	3.33
20 Micron	FIL-SED-5-20	3.33

**10" Filter Cartridge**

5 Micron	FIL-SED-10-5	3.33
10 Micron	FIL-SED-10-10	3.33
20 Micron	FIL-SED-10-20	3.33

**20" Filter Cartridge**

5 Micron	FIL-SED-20-5	9.77
10 Micron	FIL-SED-20-10	9.77
20 Micron	FIL-SED-20-20	9.77

**10" Big Blue Filter Cartridge**

5 Micron	FIL-SED-10BB-5	9.98
10 Micron	FIL-SED-10BB-10	9.98
20 Micron	FIL-SED-10BB-20	9.98

**20" Big Blue Filter Cartridge**

5 Micron	FIL-SED-20BB-5	16.56
10 Micron	FIL-SED-20BB-10	16.56
20 Micron	FIL-SED-20BB-20	16.56

**String Wound Sediment Filter - 10 Micron, 20 Micron, 50 Micron**

Description	Code	Price
<b>10" Filter Cartridge</b>		
10 Micron	FIL-SED-ST-10-10	3.69
20 Micron	FIL-SED-ST-10-20	3.69
50 Micron	FIL-SED-ST-10-50	3.69

Description	Code	Price
<b>20" Filter Cartridge</b>		
10 Micron	FIL-SED-ST-20-10	9.98
20 Micron	FIL-SED-ST-20-20	9.98
50 Micron	FIL-SED-ST-20-50	9.98

Description	Code	Price
<b>10" Big Blue Filter Cartridge</b>		
10 Micron	FIL-SED-ST-10BB-10	16.22
20 Micron	FIL-SED-ST-10BB-20	16.22
50 Micron	FIL-SED-ST-10BB-50	16.22

Description	Code	Price
<b>20" Big Blue Filter Cartridge</b>		
10 Micron	FIL-SED-ST-20BB-10	35.68
20 Micron	FIL-SED-ST-20BB-20	35.68
50 Micron	FIL-SED-ST-20BB-50	35.68

Description	Code	Price
<b>10" Filter Cartridge</b>		
5 Micron	FIL-SED-PL-10-5	12.76

Description	Code	Price
<b>20" Filter Cartridge</b>		
5 Micron	FIL-SED-PL-20-5	18.54

Description	Code	Price
<b>10" Filter Cartridge</b>		
1 Micron	FIL-SED-10-1	3.23

Description	Code	Price
<b>Spun Sediment Filter - 1 Micron</b>		
5 Micron	FIL-SED-HOT-10-1	8.60

**Carbon Filters****Carbon Block Filter (CCB)**

Description	Code	Price
Inline	FIL-CARBON-INLINE	7.90
5"	FIL-CARBON-5	7.97
10"	FIL-CARBON-10	6.01
20"	FIL-CARBON-20	16.77
10" BB	FIL-CARBON-10BB	19.06
20" BB	FIL-CARBON-20BB	57.52

**Granulated Active Carbon Filter (GAC)**

Description	Code	Price
5"	FIL-GAC-5	9.91
10"	FIL-GAC-10	6.53
20"	FIL-GAC-20	16.63

**Taste and Odour Filter**

Description	Code	Price
Inline	FIL-TASTE-10	7.51

**Chloramine Carbon Filter (Chlorplus)**

Description	Code	Price
10"	FIL-CHLOR-10	23.09
20"	FIL-CHLOR-20	40.43
10" BB	FIL-CHLOR-10BB	52.94
20" BB	FIL-CHLOR-20BB	137.64

**Metal Removing Carbon (CBR2)**

Description	Code	Price
10"	FIL-CBR2-10	21.35

**Remineralising Filter**

Description	Code	Price
Inline	FIL-REMIN-INLINE	16.50

**Pentek Filters****SPE Pleated Cellulose Polyester Filter - 0.5, 1, 5, 10, 20 Micron**

Description	Code	Price
10"	PENTEX-SPE-10	10.97
20"	PENTEX-SPE-20	24.14
10" BB	PENTEX-SPE-10BB	35.23
20" BB	PENTEX-SPE-20BB	71.73

**EP Epsilon Carbon Block Filter**

Description	Code	Price
10"	PENTEX-EP-10	16.75
20"	PENTEX-EP-20	32.69
10" BB	PENTEX-EP-10BB	48.51
20" BB	PENTEX-EP-20BB	95.87

**Granular Active Carbon Filter**

Description	Code	Price
10"	PENTEX-GAC-10	16.75
20"	PENTEX-GAC-20	34.42
10" BB	PENTEX-GAC-10BB	49.90
20" BB	PENTEX-GAC-20BB	102.56

**Carbon Block Filter (CBC)**

Description	Code	Price
10"	PENTEX-CBC-10	28.63
20"	PENTEX-CBC-20	59.53
10" BB	PENTEX-CBC-10BB	73.39
20" BB	PENTEX-CBC-20BB	162.64

**Modified Epsilon Carbon Block Filter**

Description	Code	Price
10"	PENTEX-EPM-10	15.82
20"	PENTEX-EPM-20	31.53
10" BB	PENTEX-EPM-10BB	40.89
20" BB	PENTEX-EPM-20BB	40.89

**CRFC Radial Flow Carbon Filter**

Description	Code	Price
10" BB	PENTEX-CRFC-10BB	118.97
20" BB	PENTEX-CRFC-20BB	236.78

**CBR2 Coconut Multimedia Carbon Filter**

Description	Code	Price
10"	PENTEX-CBR2-10	118.97

## Membranes and Flow Restrictors

**Membranes**

Description	Code	Price
50 GPD	MEM-50	20.91
75 GPD	MEM-75	24.83
100 GPD	MEM-100	29.45
150 GPD	MEM-150	35.69
21 INCH	MEM-21	178.06
40 INCH	MEM-40	202.13

**Flow Restrictor**

Description	Code	Price
Flow 300 - 50 GPD	FLOW-300-50	6.26
Flow 420 - 75 GPD	FLOW-420-75	6.26
Flow 550 - 100 GPD	FLOW-100-550	6.26
Flow 800 - 150 GPD	FLOW-150-800	6.26

# Filter Housings

## Clear Filter Housing



Inlet	Code	Price
<b>10" Housing</b>		
1/4"	H-CL-10-14	13.48
1/2"	H-CL-10-12	16.17

## Clear Filter Housing



Inlet	Code	Price
<b>10" Housing</b>		
1/4"	H-WH-10-14	13.48
1/2"	H-WH-10-12	16.36
<b>20" Housing</b>		
3/4"	H-WH-20-34	19.64
1"	H-WH-20-1	19.64

## Big Blue Housing



Inlet	Code	Price
<b>10" Big Blue Housings</b>		
3/4"	H-BB-10-34	25.03
1"	H-BB-10-1	25.03
11/2"	HH-BB-10-112	25.03
<b>20" BIG BLUE Housings</b>		
3/4"	H-BB-20-34	42.35
1"	H-BB-20-1	42.35
11/2"	HH-BB-20-112	42.35

## Membrane Housing



Description	Code	Price
10"	H-FIT-MEM	8.18

## HI-Flow Standard Blue Housing



Inlet	Code	Price
<b>10" Housing</b>		
3/4"	H-B-10-34	13.86
1"	H-B-10-1	16.75

## 4040 Membrane Housing



Description	Code	Price
40"	HOUSING-4040	110.69

## Inline Housing



Description	Code	Price
Inline	H-INLINE	8.18

## Refillable Cartridges



Description	Code	Price
<b>Blue Cartridges</b>		
10"	REFIL-CART-B-10	7.41
20"	REFIL-CART-B-20	12.47
<b>White Cartridges</b>		
10"	REFIL-CART-W-10	7.41
20"	REFIL-CART-W-20	12.47

# Reverse Osmosis Components

## Reverse Osmosis System Brackets



Description	Code	Price
Single Filter Housing	BRACKET 1	3.69
Double Filter Housing	BRACKET 2	4.54
Triple Filter Housing	BRACKET 3	5.36

## Big Blue Housing Bracket



Description	Code	Price
Single Housing	BB-BRACKET	12.03

## Membrane Housing Wrench



Description	Code	Price
10" Wrench	MEM-WRENCH	3.37

## Filter Housing Wrench



Description	Code	Price
10" Filter Wrench	FILT-HOUSE-WRENCH	3.37

## Filter Housing Connector



Description	Code	Price
1/4" Connector	HOUSING-CON-14	0.81
1/2" Connector	HOUSING-CON-12	0.81

## Housing to Housing Bracket



Description	Code	Price
Membrane Bracket	BRACKET-H/H	0.81

## Membrane Housing Clip



Description	Code	Price
2 1/4" Clip	CLIP-HOUSING	0.62

## Membrane Housing to Slim Filter Clip



Description	Code	Price
2 1/4" TO 2" Clip	CLIP-HOUSING-SLIM	0.81

## Female Hose Adaptor



Description	Code	Price
1/4" Connector	FMHC-TAPC	9.43

## Male Hose Adaptor



Description	Code	Price
1/4" Connector	MHC-TAPC	5.29

## Needle Clamp



Description	Code	Price
1/4" Connector	FIT-NVALVE	3.83

## Pushfit Washing Machine Valve & Tap Connector



Description	Code	Price
1/4" Connector	PUSHFIT-WASH-TAP	5.29

## Self Cutting Tap



Description	Code	Price
1/4"	TAP-SELCUT	8.18

## Tap Connector 3/4" Thread



Description	Code	Price
1/4"	FIT-TAP-001	3.23

## Washing Machine Valve and RO Tap Connector



Description	Code	Price
1/4"	WASHVALVE-TAPC	7.60

## Washing Machine Y Piece 3/4"



Description	Code	Price
1/4"	FIT-WASH-Y	1.31

**Waste Clamp**

Description	Code	Price
1/4"	FIT-WSTC	2.42

**Inlet Float Valve**

Description	Code	Price
1/2" or 3/8"	INDUS-FV	9.62

**Chrome Faucet**

Description	Code	Price
3 Point Tap	FAUCET-02	9.63
3 Point Tap, Gold Trim	FAUCET-03	9.63
Single Lever Tap	FAUCET-04	12.51
Single Lever, Gold Trim	FAUCET-05	9.63
Single Leaver Faucet	FAUCET-06	9.63

**Flush Kits**

Description	Code	Price
36 GPD	FLUSH-KIT-36	8.18
50 GPD	FLUSH-KIT-50	8.18
75 GPD	FLUSH-KIT-75	8.18
100 GPD	FLUSH-KIT-100	8.18
150 GPD	FLUSH-KIT-150	8.18
200 GPD	FLUSH-KIT-200	8.18
300 GPD	FLUSH-KIT-300	8.18

**Float Valve**

Description	Code	Price
Float Valve	FLOAT-VALVE	5.78

**O Rings**

Description	Code	Price
85mm	OR-85-SINGLE	0.81
90mm	OR-90-SINGLE	0.81
Membrane Housing	OR-MHO-SINGLE	0.82
Twin Yellow Housing	OR-YELLOW-TWIN	1.77

**Membrane Upgrade Kits**

Description	Code	Price
50 GPD	UPGRADE-50	38.68
75 GPD	UPGRADE-75	38.91
100 GPD	UPGRADE-100	43.50
150 GPD	UPGRADE-150	47.64
2000 GPD	UPGRADE-4040	364.79

**Pressure Gauge**

Description	Code	Price
Pressure Gauge Kit	GAUGE-2	9.43
Replacement Gauge	GAUGE-1	7.79

**3 Gallon Storage Tank**

Description	Code	Price
Storage Tank inc. Tap	3-GAL-TANK-KIT	24.45
Storage Tank	3-GAL-TANK	30.80

**Auto Shut Off Kits**

Description	Code	Price
Shut Off Kit	AUTO-SHUT-OFF	14.44

**Auto Shut Valve**

Description	Code	Price
Shut Off Valve	AUTO-SHUT-OFF-V	6.26

**Electric Auto Flush Unit**

Description	Code	Price
Electric Auto Flush	AUTO-FLUSH	14.92

**PTFE Tape**

Description	Code	Price
12mm Tape	PTFE-TAPE	0.45

**HMA Conversion Kit**

Description	Code	Price
50 GPD	HMA-CONV-50	54.53
75 GPD	HMA-CONV-75	58.09
100 GPD	HMA-CONV-100	60.01
150 GPD	HMA-CONV-150	74.93

**Multi Stage Large Reverse Osmosis Pump**

Description
Pump Only
Float Switch, 240 V Solenoid Valve, Hoselock Fittings
Float Switch, 240 V Solenoid Valve, JG Fittings
Float Switch, Hoselock Fittings
Float Switch, JG Fittings
Pressure Control Unit & Hoselock Fittings
Pressure Control Unit & John Guest Fittings
Pressure Control Unit
Hoselock Fittings
John Guest Fittings
Hoselock Fittings & 240 V Solenoid Valve
John Guest & 240 V Solenoid Valve

Code	Price
PUMP-ONLY	168.44
PUMP-FS-HL-SV	248.33
PUMP-FS-JG-SV	242.55
PUMP-FS-HL	214.64
PUMP-FS-JG	208.86
PUMP-PCU-HL	243.51
PUMP-PC-JG	237.74
PUMP-PCU	226.19
PUMP-HL	185.76
PUMP-JG	179.99
PUMP-HL-SV	219.45
PUMP-JG-SV	213.68

**Integrated Pump Box**

Description	Code	Price
<b>No Auto Flush</b>		
50-75 GPD Membrane	PUMP-BOX-75	120.31
75-100 GPD Membrane	PUMP-BOX-100	127.05
100-200 GPD Membrane	PUMP-BOX-200	132.83
<b>With Auto Flush</b>		
50-75 GPD Membrane	PUMP-BOX-75-AF	154.00
75-100 GPD Membrane	PUMP-BOX-100-AF	160.74
100-200 GPD Membrane	PUMP-BOX-200-AF	166.51

**Reverse Osmosis Pump**

Description	Code	Price
<b>No Transformer</b>		
50-75 GPD Membrane	PUMP-RO-75	57.53
75-100 GPD Membrane	PUMP-RO-100	61.99
100-200 GPD Membrane	PUMP-RO-200	71.28
<b>With Transformer</b>		
50-75 GPD Membrane	PUMP-RO-75-AF	79.53
75-100 GPD Membrane	PUMP-RO-100-AF	83.99
100-200 GPD Membrane	PUMP-RO-200-AF	93.28

**Submersible Transfer Pump**

Description	Code	Price
Submersible Pump	SUB-TRANSFER	81.81

## John Guest Imperial Fittings

John Guest fittings are made from high quality materials offering a wide range of temperature and pressure suitability, broad chemical compatibility and low toxicity. It is ideal for use in water filtration, water purification, and water conditioning.

### Straight Adaptor BSPT Thread



OD x Thread	Code	Price
5/32 x 1/8	PM010401S	1.21
5/32 x 1/4	PM010402S	1.29
3/16 x 1/8	PI010601S	1.29
1/4 x 1/8	PI010801S	1.44
1/4 x 1/4	PI010802S	1.63
5/16 x 1/8	PM010801S	2.34
5/16 x 1/4	PM010802S	1.71
5/16 x 3/8	PM010803S	2.16
3/8 x 1/4	PI011202S	2.66
3/8 x 3/8	PI011203S	2.80
1/2 x 3/8	PI011603S	3.72
1/2 x 1/2	PI011604S	4.10

### Straight Adaptor MFL Thread



OD x Thread	Code	Price
1/4 x 1/4	PI0108F4S	1.63
3/8 x 1/4	PI0112F4S	2.16
3/8 x 3/8	PI0112F6S	2.80

### Equal Straight Connector



OD	Code	Price
3/16	PI0406S	1.82
1/4	PI0408S	2.16
5/16	PM0408S	2.16
3/8	PI0412S	2.80
1/2	PI0416S	3.46

### Straight Adaptor BSP Thread



OD x Thread	Code	Price
1/4 x 1/4	PI010812S	2.70
3/8 x 1/4	PI011212S	2.96
3/8 x 3/8	PI011213S	2.89

### Reducing Straight Connector



OD x OD	Code	Price
1/4 x 3/16	PI200806S	2.25
5/16 x 5/32	PM200804S	2.25
5/16 x 1/4	PI201008S	2.32
3/8 x 3/16	PI201206S	2.77
3/8 x 1/4	PI201208S	2.80
3/8 x 5/16	PI201210S	2.47
1/2 x 1/4	PI201608S	3.08
1/2 x 5/16	PI201610S	3.23
1/2 x 3/5	PI201612S	3.49

### Straight Adaptor NPTF Thread



OD x Thread	Code	Price
3/16 x 1/8	PI010621S	1.29
1/4 x 1/8	PI010821S	1.44
1/4 x 1/4	PI010822S	1.63
1/4 x 3/8	PI010823S	1.56
5/16 x 1/8	PM010821S	1.71
5/16 x 1/4	PM010822S	1.71
5/16 x 3/8	PM010823S	2.16
3/8 x 1/8	PI011221S	2.58
3/8 x 1/4	PI011222S	2.66
3/8 x 3/8	PI011223S	2.80
3/8 x 1/2	PI011224S	3.72
1/2 x 3/8	PI011623S	3.72
1/2 x 1/2	PI011624S	4.10

### Equal Elbow



OD	Code	Price
3/16	PI0306S	2.13
1/4	PI0308S	2.47
5/16	PM0308S	2.54
3/8	PI0312S	3.68
1/2	PI0316S	4.41

### Reducing Elbow



OD x OD	Code	Price
5/16 x 3/16	PI211006S	3.92
5/16 x 1/4	PI211008S	2.80
3/8 x 3/16	PI211206S	3.91
3/8 x 1/4	PI211208S	3.94
3/8 x 5/16	PI211210S	3.94
1/2 x 5/16	PI211610S	4.41
1/2 x 3/5	PI211612S	4.51

### Straight Adaptor British Nipple Type BSW



OD x Thread	Code	Price
3/8 x 1/224	PI0112E5S	2.70
3/8 x 9/1624	PI0112E6S	2.89

**Elbow**

OD x OD	Code	Price
3/16 x 3/16	PI220606S	2.16
1/4 x 1/4	PI220808S	2.20
5/16 x 5/16	PM220808S	2.70
3/8 x 3/16	PI221206S	3.84
3/8 x 1/4	PI221208S	3.87
3/8 x 5/16	PI221210S	2.99
3/8 x 3/8	PI221212S	4.03
1/2 x 1/2	PI221616S	4.29

**Swivel Elbow NPTF Thread**

OD x Thread	Code	Price
3/16 x 1/5	PI090621S	5.17
1/4 x 1/8	PI090821S	4.06
1/4 x 1/4	PI090822S	4.13
5/16 x 1/4	PM090822S	6.15
5/16 x 3/8	PM090823S	7.25
3/8 x 1/4	PI091222S	7.71
3/8 x 3/8	PI091223S	9.49
1/2 x 3/8	PI091623S	9.49
1/2 x 1/2	PI091624S	9.53

**Rigid Elbow NPTF Thread**

OD x Thread	Code	Price
1/4 x 1/8	PI480821S	1.90
1/4 x 1/4	PI480822S	2.06
1/4 x 3/8	PI480823S	3.37
3/8 x 1/4	PI481222S	3.56
3/8 x 3/8	PI481223S	3.75

**Swivel Branch Tee NPTF Thread**

OD x Thread	Code	Price
3/16 x 1/8	PI100621S	6.26
1/4 x 1/8	PI100821S	6.87
1/4 x 1/4	PI100822S	6.95
3/8 x 3/8	PI101223S	8.58
1/2 x 1/2	PI101624S	6.95

**Equal Tee**

OD	Code	Price
3/16	PI0206S	2.89
1/4	PI0208S	3.23
5/16	PM0208S	3.30
3/8	PI0212S	3.91
1/2	PI0216S	4.70

**Swivel Male Run Tee BSPT Thread**

OD x Thread	Code	Price
1/4 x 1/8	PI110801S	4.79
1/4 x 1/4	PI110802S	4.55
1/2 x 1/2	PI111604S	9.94

**Reducing Tee**

OD Ends x Branch	Code	Price
3/8 x 1/4	PI301208S	4.29
1/2 x 3/5	PI301612S	5.20

**Swivel Male Run Tee NPTF Thread**

OD x Thread	Code	Price
1/4 x 1/4	PI110822S	6.87

**Swivel Elbow BSPT Thread**

OD x Thread	Code	Price
3/16 x 1/8	PI090601S	5.17
1/4 x 1/8	PI090801S	5.81
1/4 x 1/4	PI090802S	5.96
5/16 x 1/8	PM090801S	6.11
5/16 x 3/4	PM090802S	6.15
5/16 x 3/8	PM090803S	6.34
3/8 x 1/4	PI091202S	7.71
3/8 x 3/8	PI091203S	8.35
1/2 x 3/8	PI091603S	6.61
1/2 x 1/2	PI091604S	9.53

**Female Adaptor BSP Flat End**

OD x Thread	Code	Price
5/16 x 1/2	PI451014FS	4.70
5/16 x 5/8	PI451015FS	5.01
3/8 x 3/8	PI451213S	4.48
3/8 x 1/2	PI451214FS	4.93
3/8 x 5/8	PI451215FS	5.31
1/2 x 3/8	PI451613S	4.79
1/2 x 5/8	PI451615FS	5.77

**Female Adaptor BSP Cone End**

OD x Thread	Code	Price
5/16 x 1/2	PI451014CS	4.74
3/8 x 1/2	PI451214CS	5.01
1/2 x 1/2	PI451614CS	5.27
1/2 x 3/4	PI451616CS	6.02

**Female Adaptor British Whitworth Thread**

OD x Thread	Code	Price
3/8 x 9/1624	PI4512E6S	3.04

**Reducing Bulkhead Connector**

OD x OD	Code	Price
3/8 x 1/4	PI121208S	5.73

**Female Adaptor UNS Thread**

OD x Thread	Code	Price
5/16 x 1/216	PM4508C5S	4.13
3/8 x 1/216	PI4512C5S	4.36

**Adaptor BSPT Thread**

OD x Thread	Code	Price
1/4 x 1/4	PI050802S	1.49
5/16 x 1/8	PM050801S	1.52
5/16 x 1/4	PM050802S	1.52
5/16 x 3/8	PM050803S	1.63
3/8 x 1/4	PI051202S	1.56
3/8 x 3/8	PI051203S	1.94
1/2 x 3/8	PI051603S	1.97
1/2 x 1/2	PI051604S	2.01

**Female Adaptor NPTF Thread**

OD x Thread	Code	Price
1/4 x 1/4	PI450822S	2.70
3/8 x 1/4	PI451222S	2.80

**Adaptor BSP Thread**

OD x Thread	Code	Price
5/16 x 1/4	PM050812S	0.83
3/8 x 1/4	PI051212S	1.59
3/8 x 3/8	PI051213S	1.49

**Three Way Divider**

OD Inlet x Outlet	Code	Price
1/2 x 3/8	PI491612S	8.01
3/8 x 3/8	PI491212SR	8.01

**Adaptor NPTF Thread**

OD x Thread	Code	Price
3/16 x 1/8	PI050621S	0.76
1/4 x 1/8	PI050821S	0.83
1/4 x 1/4	PI050822S	0.87
1/4 x 3/8	PI050823S	1.06
5/16 x 1/8	PM050821S	0.95
5/16 x 1/4	PM050822S	0.95
5/16 x 3/8	PM050823S	1.21
3/8 x 1/4	PI051222S	1.44
3/8 x 3/8	PI051223S	1.56
1/2 x 3/8	PI051623S	1.75
1/2 x 1/2	PI051624S	2.01

**Two Way Divider**

OD	Code	Price
1/4	PI2308S	3.37
5/16	PM2308S	3.49
3/8	PI2312S	4.13
1/2	PI2316S	5.46

**Tube to Hose Elbow**

OD x ID	Code	Price
1/4 x 1/4	PI290808S	1.71
5/16 x 1/4	PI291008S	1.71
5/16 x 5/16	PM290808S	1.97
3/8 x 1/4	PI291208S	2.09
3/8 x 5/16	PI291210S	2.25

**Unequal Two Way Divider**

OD Inlet x Outlet	Code	Price
3/8 x 5/16	PI241210S	3.91

**Bulkhead Connector**

OD	Code	Price
1/4	PI1208S	3.84
5/16	PM1208S	5.62
3/8	PI1212S	5.73
1/2	PI1216S	9.75

**Enlarger**

OD x OD	Code	Price
3/8 x 5/16	PI131012S	2.47
1/2 x 3/8	PI131216S	3.87

**Reducer**

OD x OD	Code	Price
516 x 3/16	PI061006S	1.44
516 x 1/4	PI061008S	1.63
3/8 x 3/16	PI061206S	1.90
3/8 x 1/4	PI061208S	1.97
3/8 x 5/16	PI061210S	2.01
1/2 x 5/16	PI061610S	2.20
1/2 x 3/8	PI061612S	3.56

**Acetal Angle Stop Valve**

OD x Branch	Code	Price
15mm x 1/4	ASV3	28.69
15mm x 3/8	ASV4	24.64
3/8 x 3/8	ASV7	26.58
1/2 x 3/8	ASV8	26.58
3/8 x 1/4	ASV9	26.58
1/2 x 1/4	ASV10	26.58

**Tube to Hose Stem**

OD x ID	Code	Price
1/4 x 3/169	PI250806S	1.14
1/4 x 1/4	PI250808S	1.21
1/4 x 5/16	PI250810S	1.18
5/16 x 3/16	PI251006S	1.21
5/16 x 1/4	PI251008S	1.33
5/16 x 5/16	PM250808S	1.59
5/16 x 3/8	PI251012S	1.97
3/8 x 1/4	PI251208S	2.01
3/8 x 5/16	PI251210S	1.90
3/8 x 3/8	PI251212S	2.01
3/8 x 1/2	PI251216S	2.16
1/2 x 3/8	PI251612S	2.35
1/2 x 1/2	PI251616S	2.63

**Offset Connector**

OD	Code	Price
1/2 x 5/16	NC641	5.62

**UBend**

OD	Code	Price
3/8	PIUB12S	6.00
1/2	PIUB16S	5.96

**Single Check Valve**

OD	Code	Price
1/4	1/4SCV	15.37
5/16	5/16SCV	18.18
3/8	3/8SCV	20.96

**PP Shut Off Valve Speedfit to Speedfit**

OD	Code	Price
1/4	PPSV040808W	7.66
3/8	PPSV041212W	8.13

**PP Shut Off Valve Speedfit to Male NPTF**

OD x Thread	Code	Price
1/4 x 1/4	PPSV010822W	7.66
3/8 x 3/5	PPSV011223W	8.13

**PP Shut Off Valve Speedfit to Female NPTF**

OD x Thread	Code	Price
1/4 x 1/4	PPSV500822W	8.96
3/8 x 1/4	PPSV501222W	9.41

**End Stop**

OD	Code	Price
3/16	PI4606S	0.53
1/4	PI4608S	0.53
5/16	PM0808S	0.64
3/8	PI4612S	0.95
1/2	PI4616S	1.33

**Metric to Imperial Straight Adaptor**

OD x OD	Code	Price
15mm x 1/2	NC462	4.14

**Cross**

OD	Code	Price
3/8	PI4712S	7.06

**Grey Acetal Shut Off Valve**

OD	Code	Price
3/8	PISV0412S	16.55
1/2	PISV0416S	16.77

## John Guest Tubing - Imperial

### 1/4 Inch Tubing - 500 FT Roll



Colour	Code	Price
Natural	PE-08-BI-0500F-N	59.87
Blue	PE-08-BI-0500F-B	59.87
Black	PE-08-BI-0500F-E	59.87
Red	PE-08-BI-0500F-R	59.87
White	PE-08-BI-0500F-W	59.87
Green	PE-08-BI-0500F-G	68.12

### 5/16 Inch Tubing - 500 FT Roll



Colour	Code	Price
Natural	PE-10-CI-0500F-N	97.65
Blue	PE-10-CI-0500F-B	97.65
Black	PE-10-CI-0500F-E	97.65
Red	PE-10-CI-0500F-R	97.65
White	PE-10-CI-0500F-W	97.65

### 3/8 Inch Tubing - 500 FT Roll



Colour	Code	Price
Natural	PE-12-EI-0500F-N	119.735
Blue	PE-12-EI-0500F-B	119.735
Black	PE-12-EI-0500F-E	119.735
Red	PE-12-EI-0500F-R	119.735
White	PE-12-EI-0500F-W	119.735

### 1/2 Inch Tubing - 250 FT Roll



Colour	Code	Price
Natural	PE-16-GI-0250F-N	88.25
Blue	PE-16-GI-0250F-B	88.25
Black	PE-16-GI-0250F-E	88.25
Red	PE-16-GI-0250F-R	88.25
White	PE-16-GI-0250F-W	88.25

# John Guest Metric Fittings

## Straight Adaptor BSPT Thread



OD x Thread	Code	Price
4mm x 1/8"	PM010401E	1.29
4mm x 1/4"	PM010402E	2.28
5mm x 1/8"	PM010501E	1.40
5mm x 1/4"	PM010502E	1.82
6mm x 1/8"	PM010601E	1.68
6mm x 1/4"	PM010602E	2.28
8mm x 1/8"	PM010801E	1.78
8mm x 1/4"	PM010802E	1.82
8mm x 3/8"	PM010803E	2.35
8mm x 1/2"	PM010804E	4.32
10mm x 1/4"	PM011002E	2.92
10mm x 3/8"	PM011003E	3.15
10mm x 1/2"	PM011004E	4.10
12mm x 3/8"	PM011203E	3.98
12mm x 1/2"	PM011204E	4.41

## Reducing Straight Connector



OD x OD	Code	Price
6mm x 4mm	PM200604E	2.42
8mm x 4mm	PM200804E	2.42
8mm x 6mm	PM200806E	2.51
10mm x 4mm	PM201004E	2.99
10mm x 6mm	PM201006E	2.96
10mm x 8mm	PM201008E	3.11
12mm x 8mm	PM201208E	3.65
12mm x 10mm	PM201210E	4.25

## Straight Adaptor BSP Thread



OD x Thread	Code	Price
4mm x 1/8"	PM010411E	1.94
4mm x 1/4"	PM010412E	1.94
5mm x 1/8"	PM010511E	1.75
5mm x 1/4"	PM010512E	2.16
6mm x 1/8"	PM010611E	1.75
6mm x 1/4"	PM010612E	1.94
8mm x 1/8"	PM010811E	1.82
8mm x 1/4"	PM010812E	1.94
8mm x 3/8"	PM010813E	2.77
10mm x 1/4"	PM011012E	2.99
10mm x 3/8"	PM011013E	3.34
10mm x 1/2"	PM011014E	4.25
12mm x 3/8"	PM011213E	4.22
12mm x 1/2"	PM011214E	4.63
15mm x 3/8"	PM011513E	5.20
15mm x 1/2"	PM011514E	5.43
15mm x 3/4"	PM011516E	6.24
18mm x 1/2"	PM011814E	5.77
22mm x 3/4"	PM012216E	6.11

## Equal Elbow



OD	Code	Price
4mm	PM0304E	2.25
5mm	PM0305E	2.28
6mm	PM0306E	2.42
8mm	PM0308E	2.85
10mm	PM0310E	4.03
12mm	PM0312E	4.79
15mm	PM0315E	5.69
18mm	PM0318E	7.09
22mm	PM0322E	8.54

## Reducing Elbow



OD x OD	Code	Price
6mm x 4mm	PM210604E	3.08
8mm x 4mm	PM210804E	3.08
8mm x 6mm	PM210806E	3.15
10mm x 4mm	PM211004E	4.25
10mm x 6mm	PM211006E	4.25
10mm x 8mm	PM211008E	4.25
12mm x 8mm	PM211208E	5.24
12mm x 10mm	PM211210E	4.41

## Elbow



OD x OD	Code	Price
4mm x 4mm	PM220404E	2.25
5mm x 5mm	PM220505E	2.32
6mm x 6mm	PM220606E	2.32
8mm x 8mm	PM220808E	2.85
10mm x 10mm	PM221010E	4.10
12mm x 12mm	PM221212E	4.82
15mm x 15mm	PM221515E	5.69
18mm x 18mm	PM221818E	7.09
22mm x 22mm	PM222222E	8.54

## Equal Straight Connector



OD	Code	Price
4mm	PM0404E	2.06
5mm	PM0405E	2.09
6mm	PM0406E	2.16
8mm	PM0408E	2.35
10mm	PM0410E	3.11
12mm	PM0412E	3.65
15mm	PM0415E	4.13
18mm	PM0418E	5.17
22mm	PM0422E	6.23

**Rigid Elbow NPTF Thread**

OD x Thread	Code	Price
6mm x 1/8"	PM480621E	2.42
6mm x 1/4"	PM480622E	2.20
6mm x 3/8"	PM480623E	3.56

**Adaptor BSPT Thread**

OD x Thread	Code	Price
4mm x 1/8"	PM050401E	0.76
4mm x 1/4"	PM050402E	0.80
5mm x 1/8"	PM050501E	0.71
5mm x 1/4"	PM050502E	0.80
6mm x 1/8"	PM050601E	0.76
6mm x 1/4"	PM050602E	0.80
8mm x 1/8"	PM050801E	0.76
8mm x 1/4"	PM050802E	0.80
8mm x 3/8"	PM050803E	1.25
10mm x 1/4"	PM051002E	0.99
10mm x 3/8"	PM051003E	1.59
10mm x 1/2"	PM051004E	2.09
12mm x 3/8"	PM051203E	1.47
12mm x 1/2"	PM051204E	2.09

**Equal Tee**

OD	Code	Price
4mm	PM0204E	3.23
5mm	PM0205E	3.15
6mm	PM0206E	3.27
8mm	PM0208E	3.53
10mm	PM0210E	4.25
12mm	PM0212E	5.05
15mm	PM0215E	6.00
18mm	PM0218E	7.52
22mm	PM0222E	9.03

**Reducing Tee**

OD Ends x Branch	Code	Price
4mm x 6mm	PM3006AE	3.18
18mm x 15mm	PM3018AE	12.11
22mm x 15mm	PM3022AE	9.65

**Female Adaptor BSP Flat End**

OD x Thread	Code	Price
4mm x 1/8"	PM450411E	2.09
6mm x 1/8"	PM450611E	2.66
6mm x 1/4"	PM450612E	2.66
8mm x 1/4"	PM450812E	2.66
8mm x 3/8"	PM450813E	2.77
10mm x 5/8"	PM451015FE	6.34
12mm x 5/8"	PM451215FE	6.53

**Adaptor BSP Thread**

OD x Thread	Code	Price
4mm x 1/8"	PM050411E	1.02
4mm x 1/4"	PM050412E	0.99
5mm x 1/8"	PM050511E	1.10
5mm x 1/4"	PM050512E	1.18
6mm x 1/8"	PM050611E	0.76
6mm x 1/4"	PM050612E	0.87
8mm x 1/8"	PM050811E	0.80
8mm x 1/4"	PM050812E	0.87
8mm x 3/8"	PM050813E	1.56
10mm x 1/4"	PM051012E	1.10
10mm x 3/8"	PM051013E	1.68
10mm x 1/2"	PM051014E	2.32
12mm x 3/8"	PM051213E	2.28
12mm x 1/2"	PM051214E	2.54
15mm x 3/8"	PM051513E	2.42
15mm x 1/2"	PM051514E	3.11
18mm x 1/2"	PM051814E	3.46
22mm x 1/2"	PM052214E	4.70
22mm x 3/4"	PM052216E	4.44

**Two Way Divider**

OD	Code	Price
4mm	PM2304E	3.30
8mm	PM2308E	3.87
10mm	PM2310E	4.70
15mm	PM2315E	8.58

**Tube to Hose Stem**

OD x ID	Code	Price
6 x 4mm	PM250604E	2.06
8 x 6mm	PM250806E	2.16
10 x 8mm	PM251008E	2.73

**Bulkhead Connector**

OD	Code	Price
4mm	PM1204E	4.10
5mm	PM1205E	3.98
6mm	PM1206E	4.03
8mm	PM1208E	4.22
10mm	PM1210E	6.42
12mm	PM1212E	8.92

**Reducer**

OD x OD	Code	Price
5 x 4mm	PM060504E	1.40
6 x 4mm	PM060604E	1.49
6 x 5mm	PM060605E	1.56
8 x 4mm	PM060804E	2.25
8 x 5mm	PM060805E	1.78
8 x 6mm	PM060806E	1.78
10 x 6mm	PM061006E	1.88
10 x 8mm	PM061008E	2.20
12 x 8mm	PM061208E	2.42
12 x 10mm	PM061210E	4.22
15 x 10mm	PM061510E	5.12
15 x 12mm	PM061512E	5.17
18 x 15mm	PM061815E	6.23
22 x 15mm	PM062215E	6.23
22 x 18mm	PM062218E	6.23

**Acetal Angle Stop Valve**

OD x Branch	Code	Price
15mm x 1/4	ASV3	28.69
15mm x 3/8	ASV4	24.64
3/8 x 3/8	ASV7	26.58
1/2 x 3/8	ASV8	26.58
3/8 x 1/4	ASV9	26.58
1/2 x 1/4	ASV10	26.58

**UBend**

OD	Code	Price
15mm	PMUB15E	7.09

**Metric to Imperial Straight Adaptor**

OD x OD	Code	Price
15mm x 1/2	NC462	4.13

**PP Shut Off Valve Speedfit to Speedfit**

OD	Code	Price
6mm	PPMSV040606W	7.66
8mm	PPMSV040808W	7.85
10mm	PPMSV041010W	8.13
12mm	PPMSV041212W	8.35

## John Guest Tubing - Metric

### 6mm Tubing - 100 Metre Roll



Colour	Code	Price
Blue	PE-0604-0100M-B	55.99
Black	PE-0604-0100M-E	55.99
Clear	PE-0604-0100M-N	55.99
White	PE-0604-0100M-W	55.99
Red	PE-0604-0100M-R	55.99

### 8mm Tubing - 100 Metre Roll



Colour	Code	Price
Blue	PE 0806-0100M-B	61.66
Black	PE 0806-0100M-E	61.66
Clear	PE 0806-0100M-N	61.66
White	PE 0806-0100M-W	61.66
Red	PE 0806-0100M-R	61.66

### 10mm Tubing - 100 Metre Roll



Colour	Code	Price
Blue	PE-1007-0100M-B	88.25
Black	PE-1007-0100M-E	88.25
Clear	PE-1007-0100M-N	88.25
White	PE-1007-0100M-W	88.25
Red	PE-1007-0100M-R	88.25

### 12mm Tubing - 100 Metre Roll



Colour	Code	Price
Blue	PE-1209-100M-B	100.68
Black	PE-1209-100M-E	100.68
Clear	PE-1209-100M-N	100.68
White	PE-1209-100M-W	100.68
Red	PE-1209-100M-R	100.68

# John Guest Fixings

## Collet Covers



OD	Code	Price
1/4	PI1908S	0.23
5/16	PM1908S	0.23

## Collet Locking Tool



Size	Code	Price
3/16 to 1/2	ICLT/2	11.05

## Flow Bend Clip



OD	Code	Price
8mm/5/16	PM2608S	1.21
10mm/3/8	PM2610S	1.44
12mm/1/2	PM2612S	1.52

## Cutter



Description	Code	Price
Tool	TS NIP	10.55
Replacement Blades	BLADES	4.70

## Insert



OD x ID	Code	Price
3/8+1/4	TSI250S	0.19

## Locking Clip



OD	Code	Price
1/4	PIC1808R	0.31
5/16	PMC1808R	0.19
3/8	PIC1812R	0.31
1/2	PIC1816R	0.31

## Plug



OD	Code	Price
4mm	PM0804R	0.53
6mm	PM0806R	0.57
8mm	PM0808R	0.64
10mm	PM0810R	1.21
12mm	PM0812R	1.49

# John Guest Speedfit

## Equal Straight Couplers



Size mm	Code	Price
10mm	70011010	5.32
15mm	70011016	3.94
22mm	70011019	6.23
28mm	70011022	15.66

## Stem Tees



Size mm	Code	Price
22 x 22 x 10mm	70011245	10.76
22 x 22 x 15mm	70011252	10.76

## Equal Straight Couplers



Size mm	Code	Price
15mm x 10mm	70011027	9.26
22mm x 15mm	70011030	10.98

## Reducing Tees



Size mm	Code	Price
15 x 10 x 10mm	70011153	11.36
15 x 15 x 10mm	70011160	10.21
15 x 15 x 22mm	70011167	11.36
22 x 15 x 15mm	70011174	11.36
22 x 15 x 22mm	70011181	11.36
22 x 22 x 10mm	70011188	11.36
22 x 22 x 15mm	70011195	11.36
28 x 22 x 22mm	70011202	28.51
28 x 28 x 15mm	70011208	28.51
28 x 28 x 22mm	70011209	28.51
28 x 22 x 28mm	70011216	28.51
28 x 28 x 10mm	70011218	28.51

## Equal Elbows



Size mm	Code	Price
10mm	70011065	6.58
15mm	70011071	4.71
22mm	70011074	7.51
28mm	70011077	18.32

## Reducing Elbows



Size mm	Code	Price
15mm x 10mm	70011080	10.98
22mm x 15mm	70011083	10.98

## Stem Elbows



Size mm	Code	Price
10mm	70011092	8.17
10mm x 15mm	70011093	8.68
15mm	70011096	9.20
22mm	70011099	13.91
15mm 135°	70011103	9.20
22mm 135°	70011105	13.91

## Female Couplers



Size mm	Code	Price
10mm x 1/2"	70011274	7.48
15mm x 1/2"	70011280	4.36
15mm x 3/4"	70011283	9.45
22mm x 3/4"	70011286	6.55

## Equal Tees



Size mm	Code	Price
10mm	70011112	7.56
15mm	70011115	6.79
22mm	70011118	10.06
28mm	70011121	25.91

## Straight Tap Connectors



Size mm x "	Code	Price
10mm x 1/2"	70011290	9.72
15mm x 1/2"	70011291	7.70
15mm x 3/4"	70011294	9.20
22mm x 3/4" BSP	70011297	10.11

## Stop Ends



Size mm	Code	Price
10mm	70011321	5.20
15mm	70011327	5.32
22mm	70011330	6.45
28mm	70011333	9.91

## Bent Tap Connectors



Size mm x "	Code	Price
15mm x 1/2"	70011299	9.75

**Fitting Reducers**

Size mm	Code	Price
15 x 10mm	70011348	4.52
22 x 15mm	70011355	5.94
28 x 15mm	70011362	12.23
28 x 22mm	70011369	13.27

**Tank Connectors**

Size mm	Code	Price
15mm	70011377	6.62
22mm	70011380	8.47
28mm	70011383	32.58

**Plugs**

Size mm	Code	Price
10	70011391	2.07
15	70011397	2.36
22	70011400	2.62

**Conversion Connector**

Size mm x "	Code	Price
15mm x 5/8" IMP	70011409	5.96
22mm x 3/4" IMP	70011412	9.42

**Hose Connector**

Size mm x "	Code	Price
15mm x 1/2"	70011425	4.62

**4 Way Manifold**

Size mm	Code	Price
22 x 10mm	70011604	23.51

**4 Port Rail Manifold**

Size mm	Code	Price
22 x 10mm	70011607	48.49

**Brass Manifold**

Size mm x "	Code	Price
15 x 3/4 2 Port	70011723	120.02
15 x 3/4 3 Port	70011726	151.36
15 x 3/4 4 Port	70011729	199.99

**Brass Male Coupler**

Size mm	Code	Price
15 x 1/2 BSPT	70011626	15.00
22 x 3/4 BSPT	70011629	25.27
15 x 1/2 BSP	70011644	15.00
22 x 3/4 BSP	70011647	24.34
22 x 1 BSP	70011650	49.43

**Brass Female Coupler**

Size mm x "	Code	Price
15 x 1/2 BSP	70011652	18.25

**Back Plate Elbow - Brass**

Size mm x "	Code	Price
15mm x 1/2"	70011662	27.03
22mm x 3/4"	70011667	35.47

**Male Stem Adaptor**

Size mm x "	Code	Price
15mm x 1/2"	70011674	14.80
22mm x 3/4"	70011677	22.88

**Female Stem Elbow**

Size mm x "	Code	Price
15mm x 1/2"	70011690	16.82
22mm x 3/4"	70011693	23.79

**Flexible Hose - 150mm**

Size mm x "	Code	Price
15mm x 1/2"	70011441	14.08



15mm x 3/8"	70011447	15.54
15mm x 1/2"	70011450	14.08
15mm x 1/4"	70011453	17.75
22mm x 3/4"	70011456	19.32
15mm x 15mm	70011506	17.38
22mm x 22mm	70011509	21.33



15mm x 1/2"	70011459	20.36
15mm x 3/4"	70011462	22.92
22mm x 3/4"	70011465	24.35
15mm x 15mm	70011512	25.58
22mm x 22mm	70011515	29.08

### Flexible Hose - 1000mm



Size mm x "	Code	Price
15mm x 1/2"	70011471	36.95
15mm x 3/4"	70011474	40.12
22mm x 3/4"	70011477	45.05

### Flexible Hose c/w Service Valve - 300mm



Size mm x "	Code	Price
15mm x 1/2" ISO	70011527	40.35
15mm x 1/2" UNION NUT	70011542	26.72

### Flexible Hose for Monobloc Mixer



Size mm	Code	Price
12mm x M10	70011572	26.16
15mm x M10	70011575	26.56
15mm x M10	70011578	26.56

### Flexible Hose - 300mm - Hot & Cold Water Only



Size mm x "	Code	Price
15mm x 1/2"	70011480	23.25
15mm x 3/4"	70011483	29.62
22mm x 3/4"	70011486	32.18
15mm x 15mm	70011521	15.92
15mm x 1/2"	70011598	15.89

### Flexible Hose - 500mm - Hot & Cold Water Only



Size mm	Code	Price
15mm x 1/2"	70011490	35.15
22mm x 3/4"	70011496	40.42

### Flexible Hose c/w Service Valve - 300mm - Hot & Cold Water Only



Size mm x "	Code	Price
15mm x 1/2"	70011590	25.33
22mm x 3/4"	70011592	68.77

### Flexible Hose for Monobloc Mixer



Size mm	Code	Price
15mm x M10	70011594	23.00
15mm x M12	70011596	23.00

### White PVC Hose - 300



Size mm x "	Code	Price
15mm x 3/4"	70011611	27.49
22mm x 3/4"	70011612	14.95

### Flexible Hose for Monobloc Mixer



Size mm x "	Code	Price
15mm x 1/2"	70011613	41.96

### Stop Tap



Size mm	Code	Price
15mm	70011765	18.95
22mm	70011766	28.78

### Appliance Taps



Size mm x "	Code	Price
15mm x 3/4" BSP	70011779	13.03
15mm x 3/4" BSP Tee	70011780	19.63

### Emergency Shut Off Tap



Size mm	Code	Price
15mm	70011782	14.38



15 x 1/4"

70011783

26.14



15mm

70011785

28.04

**Plastic Service Valve**

Size mm	Code	Price
15mm	70011791	15.24
22mm	70011789	24.46

**Plastic Service Valve with Tap Connector**

Size mm x "	Code	Price
15mm x 1/2"	70011784	24.21

**Plastic Angle Service Valve with Tap Connector**

Size mm x "	Code	Price
15mm x 1/2"	70011787	24.21

**Ball Valve - Plastic**

Size mm	Code	Price
15mm	70011821	20.47
22mm	70011822	29.08

**Double Check with Service Valve**

Size mm	Code	Price
15mm	70011792	31.10

**Chrome Service Valve - Brass**

Size mm	Code	Price
10mm	70011797	26.89
15mm	70011800	32.24
22mm	70011805	72.36

**Chrome Service Valve with Tap Connector - Brass**

Size mm x "	Code	Price
15mm x 1/2"	70011811	32.00

**Chrome Ball Valve - Brass**

Size mm	Code	Price
15mm	70011818	41.38

**Brass Stop Valve**

Size mm	Code	Price
15mm	70011774	41.97

**Drain Cock - Brass**

Size mm	Code	Price
15mm	70011824	18.01

**Radiator Outlet Plate**

Size	Code	Price
Outlet Plate	70011436	10.21

**Pipe Inserts**

Size mm	Code	Price
10mm	70011835	0.77
15mm	70011838	0.77
22mm	70011840	0.93
28mm	70011842	1.43

**SuperSeal Pipe Inserts**

Size mm	Code	Price
10mm	70011849	0.83
15mm	70011852	0.83
22mm	70011854	1.04
28mm	70011856	1.74

**Two Way Divider**

Size mm	Code	Price
15mm	70011989	11.17

**Conduit Elbow**

Size mm	Code	Price
10/15/22mm	70011876	6.98

**Collet Locking Clips**

Size mm	Code	Price
10mm Red	70011909	0.31
10mm White	70011910	0.31
15mm White	70011912	0.31
22mm White	70011913	0.35

**Release Aids**

Size mm	Code	Price
15mm	70011932	0.84
22mm	70011933	1.37

**Cold Forming Bends**

Size mm	Code	Price
22mm	70011939	8.33

**Pipe Clips**

Size mm	Code	Price
15mm	70011951	0.62
22mm	70011953	0.62

**Nail Clips**

Size mm	Code	Price
10mm	70011962	0.50
15mm	70011964	0.64
22mm	70011965	0.84

**Pipe Cutter**

Size mm	Code	Price
22mm Max	70011969	67.42

**White PEX Barrier Pipe - Coils**

Size mm x m	Code	Price
10mm x 25m	70010105	99.41
10mm x 50m	70010107	178.97
10mm x 100m	70010109	357.86
15mm x 25m	70010126	103.41
15mm x 50m	70010128	206.74
15mm x 100m	70010130	413.51
15mm x 120m	70010133	496.99
15mm x 150m	70010136	620.24
22mm x 25m	70010141	202.76
22mm x 50m	70010143	405.53

**Pipe in Pipe**

Size mm x m	Code	Price
15mm x 50m	70011868	476.38

**Conduit Pipe**

Size mm x m	Code	Price
15mm x 25m	70011860	73.09
15mm x 50m	70011861	146.07
22mm x 25m	70011863	112.75
22mm x 50m	70011865	225.42

**White Polybutylene Barrier Pipe - Coils**

Size mm x m	Code	Price
15mm x 25m	70010199	121.57
15mm x 50m	70010200	243.15
15mm x 85m	70010202	413.34
15mm x 100m	70010204	486.39
15mm x 120m	70010207	583.67
15mm x 150m	70010211	729.56
22mm x 25m	70010216	231.65
22mm x 50m	70010215	463.19
10mm x 50m	70010217	210.91
10mm x 100m	70010218	420.78

**Speedfit Barrier Pipe Straight Lengths - White PEX**

Size mm x m	Code	Price
15mm x 2m	70010163	8.26
15mm x 3m	70010165	12.41
15mm x 6m	70010167	24.79
22mm x 2m	70010181	16.24
22mm x 3m	70010184	24.34
22mm x 6m	70010187	48.67
28mm x 3m	70010194	33.39
28mm x 6m	70010197	66.79

# White Fittings

## Elbow 1/8 inch to 1/4 inch



OD	Code	Price
1/8 x 1/4	FIT-ELBOW-1/8	2.40

## Check Valve Elbow 1/8 inch to 1/4 inch

OD	Code	Price
1/8 x 1/4	FIT-VALVE-CH	2.00

## Female 1/8 inch Threaded Gauge Connector to 1/4 inch



OD	Code	Price
1/8 x 1/4	FIT-1/4-1/8F	1.61

## Two Way Diverter 1/4 inch



OD	Code	Price
1/4	FIT-2-DIV	1.61

## Reducing Straight Connector 3/8 inch to 1/4 inch



OD	Code	Price
3/8 x 1/4	FIT-3/8-1/4-CON	1.61

## One Way Valve 1/4 inch



OD	Code	Price
1/4	FIT-CV	1.82

## Bulkhead Connector 1/4 inch



OD	Code	Price
1/4	FIT-UBULK-01	2.39

## Union Elbow 1/4 inch



OD	Code	Price
1/4	FIT-UELBOW-0	1.61

## Straight Connector 1/4 inch



OD	Code	Price
1/4	FIT-USTRAI-0	1.61

## Stem Elbow 1/4 inch to 1/4 inch Push Fit



OD	Code	Price
1/4 x 1/4	SE0404	1.55

## Stem Run Tee 1/4 X 1/4 to 1/4 inch



OD	Code	Price
1/4 x 1/4 x 1/4	WA-MBT0404	1.55

## Ball Valve 1/4 inch



OD	Code	Price
1/4	FIT-1/4-BALL-VALVE	2.86

## Branch Run Tee 1/4 inch to 1/4 inch



OD	Code	Price
1/4 x 1/4	FIT-RUN-TEE-1/4	2.30

## Male Connector to Threaded Connector



OD	Code	Price
1/4 x 1/8	FIT-1/4-1/8M	1.21
1/4 x 1/4	FIT-1/4-1/4M	1.21

## Male Threaded Connector to Push Fit



OD	Code	Price
1/2 x 1/4	FIT-1/4PF -1/2M	1.76
3/8 x 1/4	FIT-1/4PF -3/8M	1.76

## 3 Way Quick Fit Tee



OD	Code	Price
3/8 x 1/4 x 3/8	FIT-3WAY-3814	1.61
3/8 x 3/8 x 3/8	FIT-3WAY-3838	1.70

## Elbow Push Fit to Male Thread



OD	Code	Price
1/4 x 1/4	FIT-1/4-1/4-M	1.61
1/4 x 3/8	FIT-1/4-3/8-M	1.61

## PVCu Imperial Pipe

### Class E Pressure Pipe to EN1452-2 Per Metre

Size "	Code	Price
3/8	CLE.0160	1.96
1/2	CLE.0200	2.38
3/4	CLE.0250	3.36
1	CLE.0320	4.27
11/4	CLE.0400	3.18
11/2	CLE.0500	8.40
2	CLE.0630	13.12
21/2	CLE.0750	28.12
3	CLE.0900	28.12
4	CLE.1100	44.49
5	CLE.1400	95.92
6	CLE.1600	95.92

### Class 7 Pressure Pipe to EN1452-2 Per Metre

Size "	Code	Price
3/8	CL7.0160	9.06
1/2	CL7.0200	5.60
3/4	CL7.0250	7.56
1	CL7.0320	10.74
11/4	CL7.0400	14.94
11/2	CL7.0500	18.36
2	CL7.0630	24.98

### Class D Pressure Pipe to EN1452-2 Per Metre

Size "	Code	Price
11/4	CLD.0400	5.39
11/2	CLD.0500	7.00
2	CLD.0630	10.84
3	CLD.0900	23.26
4	CLD.1100	37.25
6	CLD.1600	79.93

### Class C Pressure Pipe to EN1452-2 Per Metre

Size "	Code	Price
2	CLC.0630	8.81
21/2	CLC.0750	18.22
3	CLC.0900	18.22
4	CLC.1100	28.54
5	CLC.1400	62.33
6	CLC.1600	62.33
8	CLC.2250	98.47

### Clear Pipe - Blue or Grey Tint Per Metre

Size mm	Code	Price
1/2	CPE.0200	30.99
3/4	CPE.0250	41.78
1	CPE.0320	59.71
11/4	CPE.0400	83.95
11/2	CPE.0500	98.51
2	CPD.0630	134.34
3	CPD.0900	277.61
4	CPD.1100	415.67
6	CPC.1600	503.68

## PVCu Imperial Fittings plain

### Socket plain

Size "	Code	Price
3/8	MAA.0160	0.87
1/2	MAA.0200	0.95
3/4	MAA.0250	1.07
1	MAA.0320	1.23
11/4	MAA.0400	2.17
11/2	MAA.0500	2.57
2	MAA.0630	3.63
21/2	MAA.0750	13.89
3	MAA.0900	13.89
4	MAA.1100	20.19
5	MAA.1400	50.65
6	MAA.1600	50.65
8	MAA.2250	156.24
10	MAA.2500	161.61

### 90 Degree Elbow plain

Size "	Code	Price
3/8	GOA.0160	1.11
1/2	GOA.0200	1.29
3/4	GOA.0250	1.51
1	GOA.0320	2.07
11/4	GOA.0400	3.63
11/2	GOA.0500	4.69
2	GOA.0630	6.97
21/2	GOA.0750	20.07
3	GOA.0900	20.07
4	GOA.1100	30.24
5	GOA.1400	119.39
6	GOA.1600	119.39
8	GOA.2250	289.35
10	GOA.2500	372.50

**90 Degree Short Radius Bend plain**

Size "	Code	Price
1/2	CUA.0200	4.69
3/4	CUA.0250	5.52
1	CUA.0320	7.64
1 1/4	CUA.0400	10.94
1 1/2	CUA.0500	13.56
2	CUA.0630	17.79
2 1/2	CUA.0750	46.02
3	CUA.0900	46.02
4	CUA.1100	75.99

**Reducing Tee plain**

Size "	Code	Price
3/4 x 1/2	TRA.025B	2.09
1 x 1/2	TRA.032B	2.74
1 x 3/4	TRA.032C	2.74
1 1/4 x 1/2	TRA.040B	4.42
1 1/4 x 3/4	TRA.040C	4.42
1 1/4 x 1	TRA.040D	4.42
1 1/2 x 1/2	TRA.050B	6.25
1 1/2 x 3/4	TRA.050C	6.25
1 1/2 x 1	TRA.050D	6.25
2 x 1 1/4	TRA.050E	6.25
2 x 1/2	TRA.063B	9.63
2 x 3/4	TRA.063C	9.63
2 x 1	TRA.063D	9.63
2 x 11/4	TRA.063E	9.63
2 x 11/2	TRA.063F	9.63
2 1/2 x 1	TRA.075D	17.87
2 1/2 x 1 1/4	TRA.075E	17.87
2 1/2 x 1 1/2	TRA.075F	17.87
2 1/2 x 2	TRA.075G	17.87
3 x 11/4	TRA.090E	26.07
3 x 11/2	TRA.090F	26.07
3 x 2	TRA.090G	26.07
3 x 21/2	TRA.090H	26.07
4 x 11/2	TRA.110F	40.51
4 x 2	TRA.110G	40.51
4 x 2 1/2	TRA.110H	40.51
4 x 3	TRA.110I	40.51

**Inch/Metric Adaptor Socket plain**

Size " x mm	Code	Price
1/2 x 20	MAB.020B	1.23
3/4 x 25	MAB.025C	1.29
1 x 32	MAB.032D	1.57
1 1/4 x 40	MAB.040E	2.40
1 1/2 x 50	MAB.050F	3.47
2 x 63	MAB.063G	7.92
3 x 90	MAB.075I	14.17
4 x 110	MAB.110L	23.04
6 x 160	MAB.160M	57.00

**45 Degree Elbow plain**

Size "	Code	Price
3/8	GYA.0160	2.07
1/2	GYA.0200	2.40
3/4	GYA.0250	2.52
1	GYA.0320	3.08
1 1/4	GYA.0400	4.41
1 1/2	GYA.0500	5.52
2	GYA.0630	7.76
2 1/2	GYA.0750	18.29
3	GYA.0900	18.29
4	GYA.1100	37.60
5	GYA.1400	77.55
6	GYA.1600	77.55
8	GYA.2250	262.90

**Y Piece/45 Degree Tee plain**

Size "	Code	Price
1/2	TYA.0200	6.68
3/4	TYA.0250	7.14
1	TYA.0320	8.04
1 1/4	TYA.0400	9.82
1 1/2	TYA.0500	12.36
2	TYA.0630	19.15
3	TYA.0900	149.38
4	TYA.1100	194.19
6	TYA.1600	357.12

**Equal Tee plain**

Size "	Code	Price
3/8	TIA.0160	1.23
1/2	TIA.0200	1.45
3/4	TIA.0250	1.84
1	TIA.0320	2.74
1 1/4	TIA.0400	3.91
1 1/2	TIA.0500	5.63
2	TIA.0630	8.93
2 1/2	TIA.0750	25.83
3	TIA.0900	25.83
4	TIA.1100	37.88
5	TIA.1400	129.43
6	TIA.1600	131.66
8	TIA.2250	320.76

**Union plain**

Size "	Code	Price
3/8	BOA.0160	4.06
1/2	BOA.0200	4.86
3/4	BOA.0250	5.52
1	BOA.0320	7.14
1 1/4	BOA.0400	8.93
1 1/2	BOA.0500	12.22
2	BOA.0630	15.80
2 1/2	BOA.0750	58.81
3	BOA.0900	58.80
4	BOA.1100	79.61

**Inch/Metric Adaptor Union plain**

Size " x mm	Code	Price
3/8 x 16	BOB.016A	4.57
1/2 x 20	BOB.020B	5.08
3/4 x 25	BOB.025C	5.80
1 x 32	BOB.032D	7.48
1 1/4 x 40	BOB.040E	9.31
1 1/2 x 50	BOB.050F	12.82
2 x 63	BOB.063G	16.62
3 x 90	BOB.075I	61.73
4 x 110	BOB.110L	83.59

**Reducing Bush plain**

Size "	Code	Price
1/2 x 3/8	RCA.020C	0.73
3/4 x 1/2	RCA.025B	0.95
1 x 1/2	RCA.032B	1.23
1 x 3/4	RCA.032C	1.23
1 1/4 x 1/2	RCA.040B	1.62
1 1/4 x 3/4	RCA.040C	1.62
1 1/4 x 1	RCA.040D	1.62
1 1/2 x 3/4	RCA.050C	1.95
1 1/2 x 1	RCA.050D	1.95
1 1/2 x 1 1/4	RCA.050E	1.95
2 x 1	RCA.063D	2.74
2 x 11/4	RCA.063E	2.74
2 x 11/2	RCA.063F	2.74
2 1/2 x 1 1/2	RCA.075F	4.86
2 1/2 x 2	RCA.075G	4.86
3 x 11/2	RCA.090F	7.76
3 x 2	RCA.090G	7.76
3 x 2 1/2	RCA.090H	7.76
4 x 2	RCA.110G	10.65
4 x 2 1/2	RCA.110H	10.65
4 x 3	RCA.110I	10.65
5 x 3	RCA.125I	30.73
5 x 4	RCA.125L	30.73
6 x 4	RCA.160L	41.31
6 x 5	RCA.160I	33.08
8 x 6	RCA.225N	104.99

**Reducing Socket plain**

Size "	Code	Price
3/4 x 1/2	MRA.025B	1.48
1 x 3/4	MRA.032C	1.95
1 1/4 x 1	MRA.040D	2.83
1 1/2 x 1 1/4	MRA.050E	3.14
2 x 1 1/2	MRA.063F	4.73
2 1/2 x 2	MRA.075G	12.88
3 x 2 1/2	MRA.090H	14.60
4 x 3	MRA.110I	21.28
6 x 4	MRA.160I	256.30

**Cross plain**

Size "	Code	Price
1/2	CXA.0200	5.08
3/4	CXA.0250	5.49
1	CXA.0320	6.62
1 1/4	CXA.0400	9.45
1 1/2	CXA.0500	11.89
2	CXA.0630	16.33
2 1/2	CXA.0750	83.59
3	CXA.0900	83.59
4	CXA.1100	135.35

**Cap plain**

Size "	Code	Price
3/8	CAA.0160	0.78
1/2	CAA.0200	0.89
3/4	CAA.0250	1.07
1	CAA.0320	1.20
1 1/4	CAA.0400	1.84
1 1/2	CAA.0500	3.08
2	CAA.0630	3.73
2 1/2	CAA.0750	12.77
3	CAA.0900	11.55
4	CAA.1100	17.79
5	CAA.1400	43.01
6	CAA.1600	43.03
8	CAA.2000	170.00

**Stub Flange plain**

Size "	Code	Price
1/2	QRA.0200	1.12
3/4	QRA.0250	1.16
1	QRA.0320	1.45
1 1/4	QRA.0400	2.62
1 1/2	QRA.0500	3.97
2	QRA.0630	5.63
3	QRA.0900	11.32
4	QRA.1100	14.89
6	QRA.1600	38.39
8	QRA.2250	118.21
10	QRA.2500	157.41

**Full Face Flange BS4504 NP10/16 plain**

Size "	Code	Price
1/2	FNA.0200	5.42
3/4	FNA.0250	5.53
1	FNA.0320	6.09
1 1/4	FNA.0400	7.91
1 1/2	FNA.0500	9.41
2	FNA.0630	11.79
2 1/2	FNA.0750	17.35
3	FNA.0900	19.52
4	FNA.1100	27.07
6	FNA.1600	170.32

**Full Face Flange BS10 Tables D & E plain**

Size "	Code	Price
1/2	FFA.0200	5.42
3/4	FFA.0250	5.53
1	FFA.0320	6.09
11/4	FFA.0400	7.87
11/2	FFA.0500	9.41
2	FFA.0630	11.79
21/2	FFA.0750	17.35
3	FFA.0900	19.52
4	FFA.1100	27.07
6	FFA.1600	170.32

**Blank Flange BS4504 NP10/16 plain**

Size "	Code	Price
1/2	FCA.0200	29.47
3/4	FCA.0250	33.01
1	FCA.0320	36.32
11/4	FCA.0400	36.96
11/2	FCA.0500	41.81
2	FCA.0630	48.41
21/2	FCA.0750	66.56
3	FCA.0900	84.73
4	FCA.1100	107.83
8	FCA.2500	277.94

**PVCu Imperial Fittings plain/threaded (BSP)****Socket plain/threaded (BSP)**

Size "	Code	Price
1/2	MAC.0200	1.85
3/4	MAC.0250	2.90
1	MAC.0320	3.64
11/4	MAC.0400	5.63
11/2	MAC.0500	6.54
2	MAC.0630	8.47
21/2	MAC.0750	23.93
3	MAC.0900	23.93
4	MAC.1100	29.63

**Equal Tee plain/threaded (BSP)**

Size "	Code	Price
1/2	TIC.0200	3.97
3/4	TIC.0250	4.35
1	TIC.0320	4.86
11/4	TIC.0400	9.15
11/2	TIC.0500	10.60
2	TIC.0630	15.01
3	TIC.0900	31.61
4	TIC.1100	52.02

**90 Degree Elbow plain/threaded (BSP)**

Size "	Code	Price
1/2	GOC.0200	3.08
3/4	GOC.0250	3.57
1	GOC.0320	4.41
11/4	GOC.0400	9.15
11/2	GOC.0500	10.10
2	GOC.0630	14.29
21/2	GOC.0750	32.24
3	GOC.0900	32.24
4	GOC.1100	47.64

**Adaptor female plain/male plain/male threaded (BSP)**

Size "	Code	Price
1/2 x 3/4 x 1/2	AMC.025B	1.57
1/2 x 3/4 x 3/4	AMC.025C	1.77
3/4 x 1 x 3/4	AMC.032C	1.84
3/4 x 1 x 1	AMC.032D	2.77
1 x 11/4 x 1	AMC.040D	2.84
1 x 11/4 x 11/4	AMC.040E	3.91
11/4 x 11/2 x 11/4	AMC.050E	3.91
11/4 x 11/2 x 11/2	AMC.050F	5.33
11/2 x 2 x 11/2	AMC.063F	5.02
11/2 x 2 x 2	AMC.063G	7.27
2 x 21/2 x 2	AMC.075G	6.81
2 x 21/2 x 21/2	AMC.075H	16.91
21/2 x 3 x 21/2	AMC.090H	16.95
21/2 x 3 x 3	AMC.090I	22.41
3 x 4 x 3	AMC.110I	20.13
3 x 4 x 4	AMC.110L	31.57
4 x 5 x 4	AMC.125L	27.16
4 x 5 x 5	AMC.125M	34.25

**45 Degree Elbow plain/threaded (BSP)**

Size "	Code	Price
1/2	GYC.0200	3.22
3/4	GYC.0250	3.47
1	GYC.0320	4.27
11/4	GYC.0400	5.96
11/2	GYC.0500	7.46
2	GYC.0630	10.43
21/2	GYC.0750	30.34
3	GYC.0900	30.34
4	GYC.1100	54.14

**Adaptor male plain/female threaded (BSP)**

Size "	Code	Price
1/2 x 1/2	AFC.020B	2.60
1/2 x 3/4	AFC.020C	2.90
3/4 x 1/2	AFC.025B	3.00
3/4 x 3/4	AFC.025C	3.00
3/4 x 1	AFC.025D	3.00
1 x 3/4	AFC.032C	3.51
1 x 1	AFC.032D	3.11
11/4 x 1	AFC.040D	3.97
11/4 x 11/4	AFC.040E	4.31
11/2 x 11/4	AFC.050E	5.08
11/2 x 11/2	AFC.050F	5.08
11/2 x 2	AFC.050G	6.71
2 x 11/2	AFC.063F	9.00
2 x 2	AFC.063G	9.00
21/2 x 2	AFC.075G	12.47
21/2 x 3	AFC.075I	13.48
3 x 3	AFC.090I	25.89
3 x 4	AFC.090L	26.71
4 x 3	AFC.110I	38.91
4 x 4	AFC.110L	40.90

**Tank Connector plain/threaded (BSP)**

Size "	Code	Price
1/2	TCC.0200	7.33
3/4	TCC.0250	8.38
1	TCC.0320	17.65
11/4	TCC.0400	44.50
11/2	TCC.0500	48.83
2	TCC.0630	65.24
21/2	TCC.0750	76.73
3	TCC.0900	87.75
4	TCC.1100	131.59
6	TCC.1600	187.36

**Nipple plain/threaded (BSP)**

Size "	Code	Price
3/8	BNC.0160	1.79
1/2	BNC.0200	1.95
3/4	BNC.0250	2.34
1	BNC.0320	3.08
11/4	BNC.0400	4.19
11/2	BNC.0500	4.41
2	BNC.0630	5.86
21/2	BNC.0750	13.73
3	BNC.0900	15.35
4	BNC.1100	27.46

**Union plain/threaded (BSP)**

Size "	Code	Price
1/2	BOC.0200	6.97
3/4	BOC.0250	7.69
1	BOC.0320	9.60
11/4	BOC.0400	11.71
11/2	BOC.0500	15.35
2	BOC.0630	21.37
21/2	BOC.0750	62.45
3	BOC.0900	62.44
4	BOC.1100	84.76

**Composite Union male brass**

Size "	Code	Price
1/2	BMC.0200	38.22
3/4	BMC.0250	55.12
1	BMC.0320	62.18
11/4	BMC.0400	86.84
11/2	BMC.0500	122.62
2	BMC.0630	189.15
21/2	BMC.0750	402.90
3	BMC.0900	580.90

**Reducing Bush plain/threaded**

Size "	Code	Price
3/8 x 1/4	RCC.020B	6.26
1/2 x 1/4	RCC.020A	6.82
1/2 x 3/8	RCC.020C	1.92
3/4 x 1/2	RCC.025B	2.11
1 x 3/4	RCC.032C	2.91
11/4 x 1	RCC.040D	4.78
11/2 x 11/4	RCC.050E	5.20
2 x 11/2	RCC.063F	6.92
21/2 x 2	RCC.075G	12.12
3 x 21/2	RCC.090H	26.86
4 x 3	RCC.110I	28.01

**Composite Union female brass**

Size "	Code	Price
1/2	BFC.0200	33.87
3/4	BFC.0250	51.52
1	BFC.0320	59.28
11/4	BFC.0400	80.04
11/2	BFC.0500	110.51
2	BFC.0630	167.59
21/2	BFC.0750	326.73
3	BFC.0900	471.36

# PVCu Imperial Fittings *threaded (BSP)*

## Socket threaded (BSP)



Size "	Code	Price
3/8	MAF.0160	3.39
1/2	MAF.0200	3.57
3/4	MAF.0250	4.02
1	MAF.0320	4.79
11/4	MAF.0400	6.58
11/2	MAF.0500	7.49
2	MAF.0630	9.30
21/2	MAF.0750	20.08
3	MAF.0900	25.71
4	MAF.1100	45.37

## Union threaded (BSP)



Size "	Code	Price
3/8	BOF.0160	6.75
1/2	BOF.0200	7.81
3/4	BOF.0250	8.48
1	BOF.0320	12.11
11/4	BOF.0400	14.89
11/2	BOF.0500	20.93
2	BOF.0630	29.46
21/2	BOF.0750	48.71
3	BOF.0900	67.67
4	BOF.1100	91.55

## 90 Degree Elbow threaded (BSP)



Size "	Code	Price
3/8	GOF.0160	3.29
1/2	GOF.0200	3.40
3/4	GOF.0250	3.57
1	GOF.0320	4.41
11/4	GOF.0400	7.81
11/2	GOF.0500	9.15
2	GOF.0630	13.56
21/2	GOF.0750	23.31
3	GOF.0900	35.37
4	GOF.1100	50.55

## 45 Degree Elbow threaded (BSP)



Size "	Code	Price
3/8	GYF.0160	3.16
1/2	GYF.0200	3.25
3/4	GYF.0250	3.47
1	GYF.0320	4.57
11/4	GYF.0400	6.97
11/2	GYF.0500	9.26
2	GYF.0630	13.73
21/2	GYF.0750	28.66
3	GYF.0900	28.66
4	GYF.1100	35.87

## Equal Tee threaded (BSP)



Size "	Code	Price
3/8	TIF.0160	2.46
1/2	TIF.0200	2.91
3/4	TIF.0250	3.73
1	TIF.0320	5.02
11/4	TIF.0400	8.98
11/2	TIF.0500	11.66
2	TIF.0630	19.58
21/2	TIF.0750	33.35
3	TIF.0900	47.86
4	TIF.1100	79.78

## Reducing Socket threaded



Size "	Code	Price
1/2 x 3/8	MAF.020C	3.43
3/4 x 1/2	MAF.025B	7.91
1 x 3/4	MAF.032C	3.71
11/4 x 1	MAF.040D	2.83
11/2 x 11/4	MAF.050E	3.14
2 x 11/2	MAF.063F	4.73
21/2 x 2	MAF.075G	12.88
3 x 21/2	MAF.090H	14.60
4 x 3	MAF.110I	21.28

## Cap threaded (BSP)



Size "	Code	Price
3/8	CAF.0160	2.74
1/2	CAF.0200	3.57
3/4	CAF.0250	4.06
1	CAF.0320	4.29
11/4	CAF.0400	4.47
11/2	CAF.0500	5.92
2	CAF.0630	7.42
21/2	CAF.0750	19.09
3	CAF.0900	25.33
4	CAF.1100	28.90

## Plug threaded (BSP)



Size "	Code	Price
3/8	TAF.0160	1.62
1/2	TAF.0200	2.07
3/4	TAF.0250	2.40
1	TAF.0320	2.97
11/4	TAF.0400	4.02
11/2	TAF.0500	5.02
2	TAF.0630	5.42
21/2	TAF.0750	12.62
3	TAF.0900	16.51
4	TAF.1100	30.42

**Reducing Bush threaded (BSP)**

Size "	Code	Price
1/2 x 3/8	RCF.020A	4.58
3/4 x 3/8	RCF.025A	4.58
3/4 x 1/2	RCF.025B	4.58
1 x 3/8	RCF.032A	5.67
1 x 1/2	RCF.032B	5.67
1 x 3/4	RCF.032C	3.15
1 1/4 x 1/2	RCF.040B	6.93
1 1/4 x 3/4	RCF.040C	6.93
1 1/4 x 1	RCF.040D	6.93
1 1/2 x 3/4	RCF.050C	9.34
1 1/2 x 1	RCF.050D	9.34
1 1/2 x 1 1/4	RCF.050E	7.52
2 x 1	RCF.063D	11.23
2 x 1 1/4	RCF.063E	9.76
2 x 1 1/2	RCF.063F	9.76
2 1/2 x 1 1/4	RCF.075E	13.61
2 1/2 x 1 1/2	RCF.075F	13.61
2 1/2 x 2	RCF.075G	13.61
3 x 11/2	RCF.090F	18.64
3 x 2	RCF.090G	18.64
3 x 2 1/2	RCF.090H	18.64
4 x 2 1/2	RCF.110H	29.73
4 x 3	RCF.110I	29.73

**Hex Nipple threaded (BSP)**

Size "	Code	Price
1/4	NIF.0140	2.27
3/8	NIF.0160	1.62
1/2	NIF.0200	1.72
3/4	NIF.0250	2.17
1	NIF.0320	2.97
1 1/4	NIF.0400	4.06
1 1/2	NIF.0500	4.41
2	NIF.0630	5.58
2 1/2	NIF.0750	11.94
3	NIF.0900	17.13
4	NIF.1100	24.33

**Reducing Nipple threaded (BSP)**

Size "	Code	Price
3/8 x 1/2	NRF.020A	1.81
1/2 x 3/4	NRF.025B	2.46
3/4 x 1	NRF.032C	3.29
1 x 11/4	NRF.040D	3.97
1 1/4 x 1 1/2	NRF.050E	4.91
1 1/2 x 2	NRF.063F	7.76
2 x 2 1/2	NRF.075G	12.44
2 1/2 x 3	NRF.090H	15.45
3 x 4	NRF.110I	24.94

**Backnut threaded (BSP)**

Size "	Code	Price
3/8	NUF.0160	1.24
1/2	NUF.0200	1.54
3/4	NUF.0250	1.81
1	NUF.0320	2.62
1 1/4	NUF.0400	5.81
1 1/2	NUF.0500	6.31
2	NUF.0630	6.81
2 1/2	NUF.0750	10.40
3	NUF.0900	14.34
4	NUF.1100	19.23

**Full Face Flange BS4504 NP10/16 threaded (BSP)**

Size "	Code	Price
1/2	FFF.0200	5.42
3/4	FFF.0250	5.53
1	FFF.0320	6.09
1 1/4	FFF.0400	7.87
1 1/2	FFF.0500	9.41
2	FFF.0630	11.79
2 1/2	FFF.0750	17.35
3	FFF.0900	19.52
4	FFF.1100	27.07
6	FFF.1600	170.32

**Reducing Piece male/female threaded (BSP)**

Size "	Code	Price
3/8 x 1/2	MRF.016B	2.84
1/2 x 3/4	MRF.020C	3.22
3/4 x 1	MRF.025D	3.86
1 x 11/4	MRF.032E	5.25
1 1/4 x 1 1/2	MRF.040F	6.09
1 1/2 x 2	MRF.050G	7.48
2 x 2 1/2	MRF.063H	16.06
2 1/2 x 3	MRF.075I	20.52
3 x 4	MRF.090L	35.71

**Nipple threaded (BSP)**

Size "	Code	Price
3/8	BNF.0160	1.95
1/2	BNF.0200	2.07
3/4	BNF.0250	2.34
1	BNF.0320	3.12
1 1/4	BNF.0400	4.19
1 1/2	BNF.0500	4.72
2	BNF.0630	5.88
2 1/2	BNF.0750	13.16
3	BNF.0900	15.11
4	BNF.1100	27.95

# PVCu Imperial Fittings valves

Single Ball Valve Standard PTFE Seat EPDM Seals plain



Size "	Code	Price
3/8	11A.0160	11.32
1/2	11A.0200	11.32
3/4	11A.0250	13.22
1	11A.0320	15.53
11/4	11A.0400	25.30
11/2	11A.0500	33.07
2	11A.0630	48.33
21/2	11A.0750	144.22
3	11A.0900	144.22
4	11A.1100	243.09

Double Ball Valve Industrial PTFE Seat EPDM Seals plain



Size "	Code	Price
3/8	22A.0160	49.37
1/2	22A.0200	49.37
3/4	22A.0250	58.66
1	22A.0320	70.47
11/4	22A.0400	89.37
11/2	22A.0500	117.16
2	22A.0630	147.62
21/2	22A.0750	354.27
3	22A.0900	354.27
4	22A.2200	492.11

Single Ball Valve Standard PTFE Seat EPDM Seals threaded



Size "	Code	Price
3/8	11F.0160	12.46
1/2	11F.0200	12.46
3/4	11F.0250	15.77
1	11F.0320	19.02
11/4	11F.0400	28.12
11/2	11F.0500	37.49
2	11F.0630	58.99
21/2	11F.0750	136.37
3	11F.0900	152.49
4	11F.1100	248.62

Double Ball Valve Industrial PTFE Seat EPDM Seals threaded



Size "	Code	Price
3/8	22F.0160	54.74
1/2	22F.0200	54.74
3/4	22F.0250	54.25
1	22F.0320	77.65
11/4	22F.0400	98.91
11/2	22F.0500	128.25
2	22F.0630	162.08
21/2	22F.0750	319.87
3	22F.0900	406.06
4	22F.2200	599.51

Double Ball Valve Standard PTFE Seat EPDM Seal plain



Size "	Code	Price
3/8	21A.0160	15.25
1/2	21A.0200	15.25
3/4	21A.0250	19.16
1	21A.0320	29.54
11/4	21A.0400	35.40
11/2	21A.0500	43.85
2	21A.0630	66.78
21/2	21A.0750	214.25
3	21A.0900	214.25
4	21A.2100	402.96

Spring Check Non Return Valve EPDM Ends plain



Size "	Code	Price
3/8	30A.0160	41.64
1/2	30A.0200	42.87
3/4	30A.0250	47.68
1	30A.0320	51.30
11/4	30A.0400	61.95
11/2	30A.0500	75.45
2	30A.0630	108.32
21/2	30A.0750	289.31
3	30A.0900	289.31
4	30A.3000	491.76

Double Ball Valve Standard PTFE Seat EPDM Seal threaded



Size "	Code	Price
3/8	21F.0160	18.85
1/2	21F.0200	18.85
3/4	21F.0250	20.50
1	21F.0320	31.54
11/4	21F.0400	38.08
11/2	21F.0500	47.62
2	21F.0630	70.61
21/2	21F.0750	214.48
3	21F.0900	224.87
4	21F.2100	428.38

Spring Check Non Return Valve EPDM Ends threaded



Size "	Code	Price
3/8	30F.0160	42.02
1/2	30F.0200	51.47
3/4	30F.0250	56.87
1	30F.0320	61.12
11/4	30F.0400	73.19
11/2	30F.0500	90.33
2	30F.0630	129.70
21/2	30F.0750	324.31
3	30F.0900	351.17
4	30F.2200	590.11

## PVCu Metric Pipe

### Class 16 Pressure Pipe to EN1452-2 Per Metre

Size mm	Code	Price
16	CL16.0160	1.88
20	CL16.0200	1.90
25	CL16.0250	2.94
32	CL16.0320	4.65
40	CL16.0400	7.20
50	CL16.0500	11.09
63	CL16.0630	14.56
75	CL16.0750	20.64
90	CL16.0900	29.62
110	CL16.1100	43.93
140	CL16.1400	42.31
160	CL16.1600	91.66
225	CL16.2250	130.68

### Class 6 Pressure Pipe to EN1452-2 Per Metre

Size mm	Code	Price
90	CL6.0900	12.92
110	CL6.1100	18.97
125	CL6.1250	44.57
140	CL6.1400	42.31
160	CL6.1600	40.13
200	CL6.2000	74.90
225	CL6.2250	84.90
250	CL6.2500	114.03
280	CL6.2800	146.78
315	CL6.3150	165.31

### Class 10 Pressure Pipe to EN1452-2 Per Metre

Size mm	Code	Price
50	CL10.0500	7.56
63	CL10.0630	9.66
75	CL10.0750	13.67
90	CL10.0900	14.59
110	CL10.1100	29.09
125	CL10.1250	44.57
140	CL10.1400	42.31
160	CL10.1600	61.66
200	CL10.2000	103.79
225	CL10.2250	130.69
250	CL10.2500	175.39
280	CL10.2800	201.07
315	CL10.3150	254.31

### Clear Pipe - Blue or Grey Tint Per Metre

Size mm	Code	Price
20	CP16.0200	18.71
25	CP16.0250	26.65
32	CP16.0320	36.47
40	CP16.0400	57.14
50	CP16.0500	99.50
60	CP16.0630	158.57

## PVCu Metric Fittings plain

### Socket plain

Size mm	Code	Price
16	MAI.0160	1.16
20	MAI.0200	1.16
25	MAI.0250	1.77
32	MAI.0320	2.25
40	MAI.0400	3.24
50	MAI.0500	7.69
63	MAI.0630	12.72
75	MAI.0750	18.21
90	MAI.0900	29.88
110	MAI.1100	39.73
125	MAI.1250	46.31
140	MAI.1400	101.70
160	MAI.1600	94.53
180	MAI.1800	115.20
200	MAI.2000	115.20
225	MAI.2250	227.95
250	MAI.2500	271.64
280	MAI.2800	288.04
315	MAI.3150	467.40
355	MAI.3550	495.63
400	MAI.4000	577.17
500	MAI.5000	682.11

### 90 Degree Short Radius Bend plain

Size mm	Code	Price
20	CUI.0200	4.68
25	CUI.0250	5.85
32	CUI.0320	7.85
40	CUI.0400	11.14
50	CUI.0500	13.57
63	CUI.0630	18.31
75	CUI.0750	37.98
90	CUI.0900	45.35
110	CUI.1100	78.57
125	CUI.1250	138.20
140	CUI.1400	201.44
160	CUI.1600	291.13
250	CUI.2500	793.69
280	CUI.2800	933.03
315	CUI.3150	1031.61

**90 Degree Elbow plain**

Size mm	Code	Price
16	GOI.0160	0.97
20	GOI.0200	1.22
25	GOI.0250	1.46
32	GOI.0320	1.77
40	GOI.0400	3.17
50	GOI.0500	4.02
63	GOI.0630	6.21
75	GOI.0750	13.11
90	GOI.0900	18.14
110	GOI.1100	27.58
125	GOI.1250	53.43
140	GOI.1400	69.18
160	GOI.1600	106.94
180	GOI.1800	187.82
200	GOI.2000	187.82
225	GOI.2250	214.71
250	GOI.2500	793.96

**45 Degree Elbow plain**

Size mm	Code	Price
16	GYI.0160	1.88
20	GYI.0200	2.07
25	GYI.0250	2.19
32	GYI.0320	2.61
40	GYI.0400	3.71
50	GYI.0500	4.13
63	GYI.0630	6.95
75	GYI.0750	12.22
90	GYI.0900	16.30
110	GYI.1100	34.63
125	GYI.1250	53.32
140	GYI.1400	63.60
160	GYI.1600	80.70
180	GYI.1800	139.43
200	GYI.2000	139.43
225	GYI.2250	143.95
250	GYI.2500	193.72
280	GYI.2800	584.61
315	GYI.3150	650.07
355	GYI.3550	1027.37
400	GYI.4000	1276.77

**Reducing Tee plain**

Size mm	Code	Price
20 x 16	TRI.020A	1.71
25 x 16	TRI.025A	1.71
25 x 20	TRI.025B	1.71
32 x 16	TRI.032A	2.30
32 x 20	TRI.032B	2.30
32 x 25	TRI.032C	2.30
40 x 16	TRI.040A	3.41
40 x 20	TRI.040B	3.41
40 x 25	TRI.040C	3.41
40 x 32	TRI.040D	3.41
50 x 20	TRI.050B	5.30
50 x 25	TRI.050C	5.30
50 x 32	TRI.050D	5.30
50 x 40	TRI.050E	5.30
63 x 20	TRI.063B	7.92
63 x 25	TRI.063C	7.92
63 x 32	TRI.063D	7.92
63 x 40	TRI.063E	7.92
63 x 50	TRI.063F	7.92
75 x 32	TRI.075D	13.99
75 x 40	TRI.075E	13.99
75 x 50	TRI.075F	13.99
75 x 63	TRI.075G	13.99
90 x 40	TRI.090E	22.94
90 x 50	TRI.090F	22.94
90 x 63	TRI.090G	22.94
90 x 75	TRI.090H	22.94
110 x 50	TRI.110F	34.87
110 x 63	TRI.110G	34.87
110 x 75	TRI.110H	34.87
110 x 90	TRI.110I	34.87

**Reducing Tee plain Continued**

Size mm	Code	Price
125 x 63	TRI.125G	75.04
125 x 75	TRI.125H	75.04
125 x 90	TRI.125I	75.04
125 x 110	TRI.125L	75.04
140 x 75	TRI.140H	116.42
140 x 90	TRI.140I	116.42
140 x 110	TRI.140L	116.42
140 x 125	TRI.140M	116.42
160 x 90	TRI.160I	119.53
160 x 110	TRI.160L	119.53
160 x 125	TRI.160M	119.53
160 x 140	TRI.160N	119.53
180 x 110	TRI.180L	368.16
200 x 90	TRI.200I	368.16
200 x 110	TRI.200L	368.16
200 x 160	TRI.160O	368.16
225 x 90	TRI.225I	378.20
225 x 110	TRI.225L	378.20
225 x 160	TRI.225O	378.20
250 x 110	TRI.250L	625.17
250 x 160	TRI.250O	625.17
280 x 225	TRI.280Q	947.53
315 x 90	TRI.315I	1197.33
315 x 110	TRI.315L	1197.33
315 x 160	TRI.315O	1162.44
315 x 200	TRI.315P	1162.44
315 x 225	TRI.315Q	1162.44
315 x 250	TRI.315R	1162.44
400 x 110	TRI.400L	1351.68
400 x 225	TRI.400Q	2543.34
400 x 315	TRI.400T	1940.03

**Equal Tee plain**

Size mm	Code	Price
16	TII.0160	1.16
20	TII.0200	1.46
25	TII.0250	1.71
32	TII.0320	2.37
40	TII.0400	3.36
50	TII.0500	5.30
63	TII.0630	7.92
75	TII.0750	15.35
90	TII.0900	22.94
110	TII.1100	34.87
125	TII.1250	71.21
140	TII.1400	100.42
160	TII.1600	119.53
180	TII.1800	216.79
200	TII.2000	216.79
225	TII.2250	235.96
250	TII.2500	518.08
280	TII.2800	580.36
315	TII.3150	1168.56

**Y Piece/45 Degree Tee plain**

Size mm	Code	Price
16	TYI.0160	7.11
20	TYI.0200	6.28
25	TYI.0250	6.46
32	TYI.0320	9.55
40	TYI.0400	14.05
50	TYI.0500	16.30
63	TYI.0630	24.22
75	TYI.0750	44.84
90	TYI.0900	92.33
110	TYI.1100	137.75
125	TYI.1250	226.88
140	TYI.1400	374.43
160	TYI.1600	407.39
200	TYI.2000	977.43
225	TYI.2250	1601.36
250	TYI.2500	1986.09

**Reducing Socket plain**

Size mm	Code	Price
20 x 16	MRI.020A	1.49
25 x 16	MRI.025A	1.57
25 x 20	MRI.025B	1.57
32 x 20	MRI.032B	2.13
32 x 25	MRI.032C	2.13
40 x 20	MRI.040B	2.40
40 x 25	MRI.040C	2.40
40 x 32	MRI.040D	2.40
50 x 25	MRI.050C	2.79
50 x 32	MRI.050D	2.79
50 x 40	MRI.050E	2.79
63 x 40	MRI.063E	4.83
63 x 50	MRI.063F	4.83
75 x 40	MRI.075E	12.51
75 x 50	MRI.075F	12.51
75 x 63	MRI.075G	12.51
90 x 40	MRI.090E	15.46
90 x 50	MRI.090F	15.46
90 x 63	MRI.090G	15.46
90 x 75	MRI.090H	15.46
110 x 50	MRI.110F	26.39
110 x 63	MRI.110G	26.39
110 x 75	MRI.110H	26.39
110 x 90	MRI.110I	17.34
125 x 90	MRI.125I	30.18
125 x 110	MRI.125L	73.67
140 x 90	MRI.140I	73.67
140 x 110	MRI.140L	73.67
140 x 125	MRI.140M	172.41
160 x 110	MRI.160L	172.41
160 x 125	MRI.160M	172.41
160 x 140	MRI.160N	172.41
180 x 110	MRI.180L	180.74
180 x 125	MRI.180M	180.74
180 x 140	MRI.180N	180.74

**Reducing Socket plain Continued**

Size mm	Code	Price
180 x 160	MRI.180O	180.74
200 x 110	MRI.200L	232.30
200 x 125	MRI.200M	232.30
200 x 140	MRI.200N	232.30
200 x 160	MRI.160O	180.74
225 x 110	MRI.225L	232.30
225 x 125	MRI.225M	232.30
225 x 140	MRI.225N	232.30
225 x 160	MRI.225O	232.30
225 x 200	MRI.225P	232.30
250 x 110	MRI.250L	438.09
250 x 125	MRI.250M	438.09
250 x 140	MRI.250N	438.09
250 x 160	MRI.250O	438.09
250 x 200	MRI.250P	438.09
250 x 225	MRI.250Q	438.09
280 x 110	MRI.280L	438.09
280 x 125	MRI.280M	499.30
280 x 140	MRI.280N	499.30
280 x 160	MRI.280O	499.30
280 x 200	MRI.280P	499.30
280 x 225	MRI.280Q	499.30
280 x 250	MRI.280R	499.30
315 x 160	MRI.315O	499.30
315 x 200	MRI.315P	499.30
315 x 225	MRI.315Q	528.90
315 x 250	MRI.315R	528.90
315 x 280	MRI.315S	528.90
355 x 315	MRI.315T	528.90
400 x 160	MRI.400O	528.90
400 x 225	MRI.400Q	528.90
400 x 280	MRI.400S	528.90
400 x 315	MRI.400T	528.90
400 x 355	MRI.400U	577.17
500 x 400	MRI.400V	587.66

**Reducing Piece Female/Male/Female plain**

Size mm	Code	Price
20 x 25 x 16	MGI.020A	0.97
20 x 25 x 20	MGI.020B	0.97
25 x 32 x 16	MGI.025A	1.07
25 x 32 x 20	MGI.025B	1.07
25 x 32 x 25	MGI.025C	1.07
32 x 40 x 20	MGI.032B	1.40
32 x 40 x 25	MGI.032C	1.40
32 x 40 x 32	MGI.032D	1.40
40 x 50 x 20	MGI.040B	1.73
40 x 50 x 25	MGI.040C	1.73
40 x 50 x 32	MGI.040D	1.73
40 x 50 x 40	MGI.040E	1.73
50 x 63 x 25	MGI.050C	2.61
50 x 63 x 32	MGI.050D	2.61
50 x 63 x 40	MGI.050E	2.61
50 x 63 x 50	MGI.050F	2.61
63 x 75 x 40	MGI.063E	4.72
63 x 75 x 50	MGI.063F	4.72
63 x 75 x 63	MGI.063G	4.72
75 x 90 x 40	MGI.075E	8.22
75 x 90 x 50	MGI.075F	8.22
75 x 90 x 63	MGI.075G	8.22
75 x 90 x 75	MGI.075H	8.22
90 x 110 x 40	MGI.090E	10.89
90 x 110 x 50	MGI.090F	10.89
90 x 110 x 63	MGI.090G	10.89
90 x 110 x 75	MGI.090H	10.89
90 x 110 x 90	MGI.090I	10.89
110 x 125 x 50	MGI.110F	17.34
110 x 125 x 63	MGI.110G	17.34
110 x 125 x 75	MGI.110H	17.34
110 x 125 x 90	MGI.110I	17.34
110 x 125 x 110	MGI.110L	17.34
125 x 140 x 90	MGI.125I	30.18
125 x 140 x 110	MGI.125L	30.18
125 x 140 x 125	MGI.125M	30.18
140 x 160 x 90	MGI.140I	38.76
140 x 160 x 110	MGI.140L	38.76
140 x 160 x 125	MGI.140M	40.40
140 x 160 x 140	MGI.140N	45.21

**Union plain**

Size mm	Code	Price
16	BOI.0160	3.64
20	BOI.0200	4.33
25	BOI.0250	4.75
32	BOI.0320	6.40
40	BOI.0400	7.92
50	BOI.0500	11.14
63	BOI.0630	14.79
75	BOI.0750	40.50
90	BOI.0900	60.06
110	BOI.1100	72.97

**Cap plain**

Size mm	Code	Price
16	CAI.0160	0.77
20	CAI.0200	0.85
25	CAI.0250	0.97
32	CAI.0320	1.15
40	CAI.0400	1.71
50	CAI.0500	2.56
63	CAI.0630	3.27
75	CAI.0750	9.10
90	CAI.0900	10.58
110	CAI.1100	16.24
125	CAI.1250	28.66
140	CAI.1400	30.57
160	CAI.1600	42.43
200	CAI.2000	123.58
225	CAI.2250	137.03
250	CAI.2500	341.98
315	CAI.3150	733.65
400	CAI.4000	733.65

**Stub Flange plain**

Size mm	Code	Price
20	QRI.0200	1.03
25	QRI.0250	1.16
32	QRI.0320	1.46
40	QRI.0400	2.25
50	QRI.0500	3.41
63	QRI.0630	6.02
75	QRI.0750	9.22
90	QRI.0900	11.26
110	QRI.1100	15.76
125	QRI.1250	31.10
140	QRI.1400	33.64
160	QRI.1600	37.25
180	QRI.1800	66.58
200	QRI.2000	60.60
225	QRI.2250	86.55
250	QRI.2500	147.43
280	QRI.2800	146.45
315	QRI.3150	201.13

**Cross plain**

Size mm	Code	Price
16	CXI.0160	4.06
20	CXI.0200	3.32
25	CXI.0250	4.62
32	CXI.0320	5.48
40	CXI.0400	8.58
50	CXI.0500	10.83
63	CXI.0630	15.04
75	CXI.0750	39.47
90	CXI.0900	75.47
110	CXI.1100	117.91

**Reducing Bush plain**

Size mm	Code	Price
20 x 16	RCI.020A	0.74
25 x 16	RCI.025A	0.85
25 x 20	RCI.025B	0.85
32 x 16	RCI.032A	1.09
32 x 20	RCI.032B	1.09
32 x 25	RCI.032C	1.09
40 x 20	RCI.040B	1.46
40 x 25	RCI.040C	1.46
40 x 32	RCI.040D	1.46
50 x 25	RCI.050C	1.71
50 x 32	RCI.050D	1.71
50 x 40	RCI.050E	1.71
63 x 25	RCI.063C	2.25
63 x 32	RCI.063D	2.25
63 x 40	RCI.063E	2.25
63 x 50	RCI.063F	2.25
75 x 32	RCI.075D	4.33
75 x 40	RCI.075E	4.33
75 x 50	RCI.075F	4.33
75 x 63	RCI.075G	4.33
90 x 50	RCI.090F	7.48
90 x 63	RCI.090G	7.48
90 x 75	RCI.090H	7.48
110 x 63	RCI.110G	9.80
110 x 75	RCI.110H	9.80
110 x 90	RCI.110I	9.80
125 x 75	RCI.125H	17.40
125 x 90	RCI.125I	17.40
125 x 110	RCI.125L	17.40
140 x 90	RCI.140I	22.65

**Reducing Bush plain Continued**

Size mm	Code	Price
140 x 110	RCI.140L	22.65
140 x 125	RCI.140M	22.65
160 x 90	RCI.160I	46.60
160 x 110	RCI.160L	30.57
160 x 125	RCI.160M	30.57
160 x 140	RCI.160N	30.57
180 x 125	RCI.180M	30.21
180 x 140	RCI.180N	47.60
180 x 160	RCI.180O	30.21
200 x 110	RCI.200L	52.81
200 x 125	RCI.200M	52.81
200 x 140	RCI.200N	52.81
200 x 160	RCI.200O	52.81
225 x 110	RCI.225L	52.81
225 x 125	RCI.225M	77.36
225 x 140	RCI.225N	77.36
225 x 160	RCI.225O	77.36
225 x 200	RCI.225P	77.36
250 x 140	RCI.250N	257.45
250 x 160	RCI.250O	188.53
250 x 200	RCI.250P	245.47
250 x 225	RCI.250Q	188.53
280 x 200	RCI.280P	223.51
280 x 225	RCI.280Q	292.08
280 x 250	RCI.280R	292.08
315 x 160	RCI.315O	299.43
315 x 200	RCI.315P	315.87
315 x 225	RCI.315Q	316.85
315 x 250	RCI.315R	316.85
315 x 280	RCI.315S	316.86

**Full Face Flange BS4504 NP10/16 plain**

Size mm	Code	Price
20	FNI.0200	4.51
25	FNI.0250	6.02
32	FNI.0320	6.47
40	FNI.0400	7.66
50	FNI.0500	9.02
63	FNI.0630	11.44
75	FNI.0750	33.06
90	FNI.0900	21.30
110	FNI.1100	29.52

**Blank Flange BS4504 NP10/16 plain**

Size mm	Code	Price
20	FUI.0200	29.47
25	FUI.0250	33.01
32	FUI.0320	36.32
40	FUI.0400	36.96
50	FUI.0500	41.81
63	FUI.0630	48.41
75	FUI.0750	66.56
90	FUI.0900	84.74
110	FUI.1100	107.83
125	FUI.1250	113.96
140	FUI.1400	120.42
160	FUI.1600	189.27

**Full Face Flange BS4504 NP10 plain**

Size mm	Code	Price
125	FNI.1250	85.11
140	FNI.1400	88.46
160	FNI.1600	109.70
200	FNI.2000	110.92
225	FNI.2250	174.13
250	FNI.2500	343.05
280	FNI.2800	302.68
315	FNI.3150	330.77

**Blank Flange BS4504 NP10 plain**

Size mm	Code	Price
180	FUI.1800	189.19
200	FUI.2000	277.94
225	FUI.2250	277.94
250	FUI.2500	354.11
280	FUI.2800	381.80
315	FUI.3150	398.26
355	FUI.3550	426.36
400	FUI.4000	426.36

## PVCu Metric Fittings plain/threaded (BSP)

### Socket plain/threaded (BSP)



Size mm	Code	Price
16 x 3/8	MAP.016A	1.99
20 x 1/2	MAP.020B	2.13
25 x 3/4	MAP.025C	2.31
32 x 1	MAP.032D	2.97
40 x 11/4	MAP.040E	4.62
50 x 11/2	MAP.050F	5.60
63 x 2	MAP.063G	7.42
75 x 21/2	MAP.075H	22.98
90 x 3	MAP.090I	24.49
110 x 4	MAP.110L	30.57
125 x 5	MAP.125M	41.28

### Adaptor female plain/male plain/male threaded (BSP)



Size mm	Code	Price
12 x 16 x 3/8	AMP.012A	1.53
16 x 20 x 3/8	AMP.016A	1.53
16 x 20 x 1/2	AMP.016B	1.53
20 x 25 x 3/8	AMP.020A	1.58
20 x 25 x 1/2	AMP.020B	1.58
20 x 25 x 3/4	AMP.020C	1.58
25 x 32 x 1/2	AMP.025B	1.83
25 x 32 x 3/4	AMP.025C	1.83
25 x 32 x 1	AMP.025D	1.83
32 x 40 x 3/4	AMP.032C	2.25
32 x 40 x 1	AMP.032D	2.25
32 x 40 x 11/4	AMP.032E	2.25
40 x 50 x 1	AMP.040D	4.50
40 x 50 x 11/4	AMP.040E	4.50
40 x 50 x 11/2	AMP.040F	4.50
50 x 63 x 11/4	AMP.050E	6.57
50 x 63 x 11/2	AMP.050F	6.57
50 x 63 x 2	AMP.050G	6.57
63 x 75 x 11/2	AMP.063F	9.23
63 x 75 x 2	AMP.063G	10.54
63 x 75 x 21/2	AMP.063H	10.54
75 x 90 x 2	AMP.075G	10.54
75 x 90 x 21/2	AMP.075H	18.49
75 x 90 x 3	AMP.075I	18.49
90 x 110 x 21/2	AMP.090H	18.49
90 x 110 x 3	AMP.090I	21.18
90 x 110 x 4	AMP.090L	21.18
110 x 125 x 3	AMP.110G	21.18
110 x 125 x 4	AMP.110L	27.45
110 x 125 x 5	AMP.110M	27.45

### 90 Degree Elbow plain/threaded (BSP)



Size mm x "	Code	Price
16 x 3/8	GOP.016A	1.83
20 x 1/2	GOP.020B	2.43
25 x 3/4	GOP.025C	2.75
32 x 1	GOP.032D	3.64
40 x 11/4	GOP.040E	7.48
50 x 11/2	GOP.050F	8.39
63 x 2	GOP.063G	12.12
75 x 21/2	GOP.075H	25.99
90 x 3	GOP.090I	29.53
110 x 4	GOP.110L	57.51

### 45 Degree Elbow plain/threaded (BSP)



Size mm	Code	Price
16 x 3/8	GYP.016A	2.50
20 x 1/2	GYP.020B	2.61
25 x 3/4	GYP.025C	2.79
32 x 1	GYP.032D	3.46
40 x 11/4	GYP.040E	5.30
50 x 11/2	GYP.050F	6.28
63 x 2	GYP.063G	9.04
75 x 21/2	GYP.075H	25.71
90 x 3	GYP.090I	36.85
110 x 4	GYP.110L	65.69

### Equal Tee plain/threaded (BSP)



Size mm	Code	Price
16 x 3/8	TIP.016A	2.01
20 x 1/2	TIP.020B	2.13
25 x 3/4	TIP.025C	2.98
32 x 1	TIP.032D	3.36
40 x 11/4	TIP.040E	5.30
50 x 11/2	TIP.050F	9.51
63 x 2	TIP.063G	13.38
75 x 21/2	TIP.075H	25.80
90 x 3	TIP.090I	30.40
110 x 4	TIP.110L	50.01

### Reducing Bush plain/threaded (BSP)



Size mm	Code	Price
20 x 3/8	RCP.020A	2.29
25 x 1/2	RCP.025B	1.96
32 x 3/4	RCP.032C	2.17
40 x 1	RCP.040D	4.11
50 x 11/4	RCP.050E	6.53
63 x 11/2	RCP.063F	5.20
75 x 2	RCP.075G	6.82
90 x 21/2	RCP.090H	21.88
110 x 3	RCP.110I	34.98

**Adaptor male plain/female threaded (BSP)**

Size mm	Code	Price
16 x 3/8	AFP.016A	3.89
16 x 1/2	AFP.016B	2.31
20 x 1/2	AFP.020B	2.50
20 x 3/4	AFP.020C	2.79
25 x 1/2	AFP.025B	2.98
25 x 3/4	AFP.025C	2.98
25 x 1	AFP.025D	2.98
32 x 3/4	AFP.032C	3.52
32 x 1	AFP.032D	3.52
40 x 1	AFP.040D	4.13
40 x 11/4	AFP.040E	4.13
50 x 11/4	AFP.050E	7.17
50 x 11/2	AFP.050F	7.17
50 x 2	AFP.050G	7.17
63 x 11/2	AFP.063F	8.71
63 x 2	AFP.063G	8.71
75 x 2	AFP.075G	14.42
75 x 21/2	AFP.075H	14.42
75 x 3	AFP.075I	14.42
90 x 21/2	AFP.090H	20.75
90 x 3	AFP.090I	20.75
90 x 4	AFP.090L	20.75
110 x 3	AFP.110I	26.23
110 x 4	AFP.110L	26.23

**Tank Connector plain/threaded (BSP)**

Size mm	Code	Price
20 x 1/2	TCP.020B	7.36
25 x 3/4	TCP.025C	8.38
32 x 1	TCP.032D	17.61
40 x 11/4	TCP.040E	44.49
50 x 11/2	TCP.050F	48.81
63 x 2	TCP.063G	58.43
75 x 21/2	TCP.075H	87.74
90 x 3	TCP.090I	87.74
110 x 4	TCP.110L	131.55
160 x 6	TCP.160O	284.04

**Hex Nipple plain/threaded (BSP)**

Size mm	Code	Price
20 x 1/2	NIP.020B	1.54
25 x 3/4	NIP.025C	1.57
32 x 1	NIP.032D	1.83
40 x 11/4	NIP.040E	2.24
50 x 11/2	NIP.050F	4.41
63 x 2	NIP.063G	6.58
75 x 21/2	NIP.075H	10.84
90 x 3	NIP.090I	18.50
110 x 4	NIP.110L	21.16

**Union plain/threaded (BSP)**

Size mm	Code	Price
16 x 3/8	BOP.016A	7.92
20 x 1/2	BOP.020B	7.97
25 x 3/4	BOP.025C	8.52
32 x 1	BOP.032D	11.09
40 x 11/4	BOP.040E	12.78
50 x 11/2	BOP.050F	18.49
63 x 2	BOP.063G	27.87
75 x 21/2	BOP.075H	47.13
90 x 3	BOP.090I	59.95
110 x 4	BOP.110L	72.97

**Composite Union male brass**

Size "	Code	Price
20mm x 1/2"	BMI.0200	41.45
25mm x 3/4"	BMI.0250	59.79
32mm x 1"	BMI.0320	67.44
40mm x 1 1/4"	BMI.0400	94.19
50mm x 1 1/2"	BMI.0500	133.01
63mm x 2"	BMI.0630	205.17

**Composite Union female brass**

Size "	Code	Price
20mm x 1/2"	BFI.0200	36.74
25mm x 3/4"	BFI.0250	55.89
32mm x 1"	BFI.0320	64.30
40mm x 1 1/4"	BFI.0400	86.82
50mm x 1 1/2"	BFI.0500	119.87
63mm x 2"	BFI.0630	181.78

# PVCu Metric Valves

**Single Ball Valve Standard PTFE Seat EPDM Seals plain**


Size mm	Code	Price
16	11I.0160	15.25
20	11I.0200	15.25
25	11I.0250	19.16
32	11I.0320	29.54
40	11I.0400	35.40
50	11I.0500	43.85
63	11I.0630	66.78
75	11I.0750	202.34
90	11I.0900	214.25
110	11I.1100	402.96

**Spring Check Non Return Valve EPDM Ends plain**


Size mm	Code	Price
16	30I.0160	41.63
20	30I.0200	42.87
25	30I.0250	47.68
32	30I.0320	51.30
40	30I.0400	61.95
50	30I.0500	75.45
63	30I.0630	108.32
75	30I.0750	260.64
90	30I.0900	289.31
110	30I.1100	491.76

**Double Ball Valve Standard PTFE Seat EPDM Seals plain**


Size mm	Code	Price
16	21I.0160	15.25
20	21I.0200	15.25
25	21I.0250	19.16
32	21I.0320	29.54
40	21I.0400	35.40
50	21I.0500	43.85
63	21I.0630	66.78
75	21I.0750	202.34
90	21I.0900	214.25
110	21I.1100	402.96

**Butterfly Valve**


Size mm	Code	Price
75	26-30-75	290.09
90	26-30-90	319.82
110	26-30110	325.87
160	36-30160	413.88

**Double Ball Valve Industrial PTFE Seat EPDM Seals plain**


Size mm	Code	Price
16	22I.0160	42.34
20	22I.0200	49.37
25	22I.0250	58.66
32	22I.0320	70.47
40	22I.0400	89.37
50	22I.0500	117.16
63	22I.0630	147.62
75	22I.0750	309.65
90	22I.0900	354.27
110	22I.1100	492.11

**Mounting Kits**


Size mm	Code	Price
75	26-35-75	80.14
90	26-35-90	117.85
110	26-35110	142.09
160	26-35160	310.31

# CPVC Metric Fittings

## Class 16 Pressure Pipe - Per 5 Metre Length



Size mm	Code	Price
20	CPVC.CL16.0200	117.91
25	CPVC.CL16.0250	174.54
32	CPVC.CL16.0320	179.69
40	CPVC.CL16.0400	265.42
50	CPVC.CL16.0500	408.57
63	CPVC.CL16.0630	655.78
75	CPVC.CL16.0750	955.68
90	CPVC.CL16.0900	1481.47
110	CPVC.CL16.1100	2220.31
160	CPVC.CL16.1600	3341.94

## Class 10 Pressure Pipe - Per 5 Metre Length



Size mm	Code	Price
160	CPVC.CL10.1600	3094.18

## Socket Plain



Size mm	Code	Price
20	CPVC.MAI.0200	8.81
25	CPVC.MAI.0250	9.54
32	CPVC.MAI.0320	11.81
40	CPVC.MAI.0400	17.85
50	CPVC.MAI.0500	21.48
63	CPVC.MAI.0630	35.90
75	CPVC.MAI.0750	83.19
90	CPVC.MAI.0900	143.15
110	CPVC.MAI.1100	220.64
160	CPVC.MAI.1600	490.15

## Union



Size mm	Code	Price
20	CPVC.BOI.0200	46.76
25	CPVC.BOI.0250	52.57
32	CPVC.BOI.0320	73.56
40	CPVC.BOI.0400	87.15
50	CPVC.BOI.0500	122.53
63	CPVC.BOI.0630	193.31
75	CPVC.BOI.0750	423.98
90	CPVC.BOI.0900	494.04
110	CPVC.BOI.1100	606.90

## 90 Degree Elbow Plain



Size mm	Code	Price
20	CPVC.GOI.0200	10.76
25	CPVC.GOI.0250	11.81
32	CPVC.GOI.0320	14.85
40	CPVC.GOI.0400	26.76
50	CPVC.GOI.0500	35.28
63	CPVC.GOI.0630	56.76
75	CPVC.GOI.0750	131.11
90	CPVC.GOI.0900	215.89
110	CPVC.GOI.1100	351.68
160	CPVC.GOI.1600	739.27

## 45 Degree Elbow Plain



Size mm	Code	Price
20	CPVC.GYI.0200	16.63
25	CPVC.GYI.0250	17.85
32	CPVC.GYI.0320	23.23
40	CPVC.GYI.0400	33.36
50	CPVC.GYI.0500	40.52
63	CPVC.GYI.0630	62.27
75	CPVC.GYI.0750	143.15
90	CPVC.GYI.0900	213.11
110	CPVC.GYI.1100	345.91
160	CPVC.GYI.1600	785.86

## Equal Tee Plain



Size mm	Code	Price
20	CPVC.TII.0200	13.79
25	CPVC.TII.0250	14.85
32	CPVC.TII.0320	19.67
40	CPVC.TII.0400	29.70
50	CPVC.TII.0500	45.44
63	CPVC.TII.0630	75.11
75	CPVC.TII.0750	172.72
90	CPVC.TII.0900	292.18
110	CPVC.TII.1100	470.71
160	CPVC.TII.1600	871.20

## Reducing Tee Plain



Size mm	Code	Price
25 x 20	CPVC.TRI.025B	35.05
32 x 20	CPVC.TRI.032B	45.97
32 x 25	CPVC.TRI.032C	45.97
40 x 25	CPVC.TRI.040C	62.70
40 x 32	CPVC.TRI.040D	62.70
50 x 25	CPVC.TRI.050C	88.77
50 x 32	CPVC.TRI.050D	88.77
63 x 32	CPVC.TRI.063D	143.19
63 x 50	CPVC.TRI.063F	143.19

### Reducing Bush Plain



Size mm	Code	Price
20 x 16	CPVC.RCI.020A	7.26
25 x 16	CPVC.RCI.025A	8.81
25 x 20	CPVC.RCI.025B	8.81
32 x 16	CPVC.RCI.032A	13.20
32 x 20	CPVC.RCI.032B	13.20
32 x 25	CPVC.RCI.032C	13.20
40 x 20	CPVC.RCI.040B	14.22
40 x 25	CPVC.RCI.040C	14.22
40 x 32	CPVC.RCI.040D	14.22
50 x 25	CPVC.RCI.050C	17.85
50 x 32	CPVC.RCI.050D	17.85
50 x 40	CPVC.RCI.050E	17.85
63 x 25	CPVC.RCI.063C	23.86
63 x 32	CPVC.RCI.063D	23.86
63 x 40	CPVC.RCI.063E	23.86
63 x 50	CPVC.RCI.063F	23.86
75 x 32	CPVC.RCI.075D	38.18
75 x 40	CPVC.RCI.075E	38.18
75 x 50	CPVC.RCI.075F	38.18
75 x 63	CPVC.RCI.075G	38.18
90 x 50	CPVC.RCI.090F	71.54
90 x 63	CPVC.RCI.090G	71.54
90 x 75	CPVC.RCI.090H	71.54
110 x 63	CPVC.RCI.110G	99.96
110 x 75	CPVC.RCI.110H	99.96
110 x 90	CPVC.RCI.110I	99.96
160 x 110	CPVC.RCI.160L	246.21

### Stub Flange



Size mm	Code	Price
20	CPVC.QRI.0200	9.54
25	CPVC.QRI.0250	10.76
32	CPVC.QRI.0320	14.22
40	CPVC.QRI.0400	20.26
50	CPVC.QRI.0500	32.27
63	CPVC.QRI.0630	63.39
75	CPVC.QRI.0750	102.73
90	CPVC.QRI.0900	117.84
110	CPVC.QRI.1100	165.73
160	CPVC.QRI.1600	232.39

### Cap Plain



Size mm	Code	Price
20	CPVC.CAI.0200	8.81
25	CPVC.CAI.0250	11.81
32	CPVC.CAI.0320	17.85
40	CPVC.CAI.0400	25.08
50	CPVC.CAI.0500	35.90
63	CPVC.CAI.0630	49.04
75	CPVC.CAI.0750	96.46
90	CPVC.CAI.0900	121.80
110	CPVC.CAI.1100	181.27
160	CPVC.CAI.1600	513.61

### Double Union Ball Valve - EPDM



Size mm	Code	Price
20	CPVC.21I.0200	190.84
25	CPVC.21I.0250	262.22
32	CPVC.21I.0320	299.08
40	CPVC.21I.0400	360.62
50	CPVC.21I.0500	425.24
63	CPVC.21I.0630	571.46
75	CPVC.21I.0750	1575.16
90	CPVC.21I.0900	1965.65
110	CPVC.21I.1100	2571.79

### Male Threaded Adaptor



Size mm	Code	Price
20 x 1/2	CPVC.AMP.020A	17.23
20 x 32 x 3/4	CPVC.AMP.025B	19.44
25 x 32 x 1	CPVC.AMP.025C	19.44
32 x 40 x 1	CPVC.AMP.032C	24.98
32 x 40 x 11/4	CPVC.AMP.032D	24.98
40 x 50 x 11/4	CPVC.AMP.040D	36.53
40 x 50 x 11/2	CPVC.AMP.040E	36.53
50 x 63 x 11/2	CPVC.AMP.050E	50.33
50 x 63 x 2	CPVC.AMP.050F	50.33
63 x 75 x 2	CPVC.AMP.063F	85.60

### Reinforced Union Plain / Threaded



Size mm	Code	Price
20 x 1/2	CPVC.BOP.020A	109.63
25 x 3/4	CPVC.BOP.025B	118.83
32 x 1	CPVC.BOP.032C	157.41
40 x 11/4	CPVC.BOP.040D	201.76
50 x 11/2	CPVC.BOP.050E	247.83
63 x 2	CPVC.BOP.063C	410.98

**Reinforced Socket Plain / Threaded**

Size mm	Code	Price
20 x 1/2	CPVC.MAP.020A	45.24
25 x 3/4	CPVC.MAP.020B	52.60
32 x 1	CPVC.MAP.032C	71.91
40 x 11/4	CPVC.MAP.040D	86.20
50 x 11/2	CPVC.MAP.050E	115.57
63 x 2	CPVC.MAP.063F	138.11

**Composite Union Female**

Size mm	Code	Price
20 x 1/2	CPVC.BFI.020A	71.64
25 x 3/4	CPVC.BFI.025B	89.46
32 x 1	CPVC.BFI.032C	108.37
40 x 11/4	CPVC.BFI.040D	152.30
50 x 11/2	CPVC.BFI.050E	188.69
63 x 2	CPVC.BFI.063F	212.62

**Composite Union Male**

Size mm	Code	Price
20 x 1/2	CPVC.BMI.020A	68.31
25 x 3/4	CPVC.BMI.025B	85.14
32 x 1	CPVC.BMI.032C	99.07
40 x 11/4	CPVC.BMI.040D	138.01
50 x 11/2	CPVC.BMI.050E	168.10
63 x 2	CPVC.BMI.063F	212.62

## ABS Imperial Pipe

### Class E Pressure Pipe to BS5391 Part 1

Size "	Code	£/M
1/2	ABS.CLE.0200	7.27
3/4	ABS.CLE.0250	11.21
1	ABS.CLE.0320	14.71
1 1/4	ABS.CLE.0400	21.99
1 1/2	ABS.CLE.0500	29.03
2	ABS.CLE.0630	36.29
3	ABS.CLE.0900	73.00
4	ABS.CLE.1100	117.25

### Class T Pressure Pipe to BS5391 Part 1

Size "	Code	£/M
1/2	ABS.CLT.0200	41.45
3/4	ABS.CLT.0250	47.12

### Class C Pressure Pipe to EN1452-2

Size "	Code	£/M
1	ABS.CLC.0320	9.50
1 1/4	ABS.CLC.0400	15.97
1 1/2	ABS.CLC.0500	20.30
2	ABS.CLC.0630	27.32
2 1/2	ABS.CLC.0750	47.26
3	ABS.CLC.0900	56.38
4	ABS.CLC.1100	92.86
5	ABS.CLC.1500	175.88
6	ABS.CLC.1600	183.65
8	ABS.CLC.2250	360.47

## ABS Imperial Fittings plain

### Socket plain

Size "	Code	Price
1/2	ABS.MAA.0200	1.03
3/4	ABS.MAA.0250	1.15
1	ABS.MAA.0320	1.32
1 1/4	ABS.MAA.0400	2.30
1 1/2	ABS.MAA.0500	2.71
2	ABS.MAA.0630	3.86
2 1/2	ABS.MAA.0750	8.36
3	ABS.MAA.0900	15.38
4	ABS.MAA.1100	21.90
5	ABS.MAA.1400	42.60
6	ABS.MAA.1600	54.64
8	ABS.MAA.2250	169.95

### 90 Degree Elbow plain

Size "	Code	Price
1/2	ABS.GOA.0200	1.38
3/4	ABS.GOA.0250	1.62
1	ABS.GOA.0320	2.24
1 1/4	ABS.GOA.0400	3.86
1 1/2	ABS.GOA.0500	5.02
2	ABS.GOA.0630	7.55
2 1/2	ABS.GOA.0750	14.53
3	ABS.GOA.0900	21.77
4	ABS.GOA.1100	32.49
5	ABS.GOA.1400	74.91
6	ABS.GOA.1600	130.24
8	ABS.GOA.2250	310.86

### 90 Degree Short Radius Bend plain

Size "	Code	Price
1/2	ABS.CUA.0200	5.17
3/4	ABS.CUA.0250	6.11
1	ABS.CUA.0320	8.18
1 1/4	ABS.CUA.0400	11.69
1 1/2	ABS.CUA.0500	14.64
2	ABS.CUA.0630	19.42
2 1/2	ABS.CUA.0750	42.80
3	ABS.CUA.0900	52.33
4	ABS.CUA.1100	84.75

### Inch/Metric Adaptor Socket plain

Size " x mm	Code	Price
1/2 x 20	ABS.MAB.020B	1.41
3/4 x 25	ABS.MAB.025C	1.45
1 x 32	ABS.MAB.032D	1.76
1 1/4 x 40	ABS.MAB.040E	2.68
1 1/2 x 50	ABS.MAB.050F	3.89
2 x 63	ABS.MAB.063G	8.83
3 x 90	ABS.MAB.075I	16.14
4 x 110	ABS.MAB.110L	29.77
6 x 160	ABS.MAB.160M	67.45

### 45 Degree Elbow plain



Size "	Code	Price
1/2	ABS.GYA.0200	2.60
3/4	ABS.GYA.0250	2.65
1	ABS.GYA.0320	3.33
1 1/4	ABS.GYA.0400	4.84
1 1/2	ABS.GYA.0500	6.05
2	ABS.GYA.0630	8.36
2 1/2	ABS.GYA.0750	13.20
3	ABS.GYA.0900	19.65
4	ABS.GYA.1100	40.80
5	ABS.GYA.1400	69.16
6	ABS.GYA.1600	84.71
8	ABS.GYA.2250	281.81

### Reducing Socket plain



Size "	Code	Price
3/4 x 1/2	ABS.MRA.025B	1.65
1 x 3/4	ABS.MRA.032C	2.21
1 1/4 x 1	ABS.MRA.040D	3.07
1 1/2 x 1 1/4	ABS.MRA.050E	3.37
2 x 1 1/2	ABS.MRA.063F	5.25
2 1/2 x 2	ABS.MRA.075G	14.65
3 x 2 1/2	ABS.MRA.090H	16.50
4 x 3	ABS.MRA.110I	24.18
6 x 4	ABS.MRA.160I	308.14

### Equal Tee plain



Size "	Code	Price
1/2	ABS.TIA.0200	1.55
3/4	ABS.TIA.0250	2.13
1	ABS.TIA.0320	3.00
1 1/4	ABS.TIA.0400	4.26
1 1/2	ABS.TIA.0500	6.29
2	ABS.TIA.0630	9.56
2 1/2	ABS.TIA.0750	16.60
3	ABS.TIA.0900	27.97
4	ABS.TIA.1100	41.04
5	ABS.TIA.1400	108.92
6	ABS.TIA.1600	143.50
8	ABS.TIA.2250	347.56

### Cross plain



Size "	Code	Price
1/2	ABS.CXA.0200	5.75
3/4	ABS.CXA.0250	6.23
1	ABS.CXA.0320	7.52
1 1/4	ABS.CXA.0400	10.69
1 1/2	ABS.CXA.0500	13.50
2	ABS.CXA.0630	18.45

### Cap plain



Size "	Code	Price
1/2	ABS.CAA.0200	1.02
3/4	ABS.CAA.0250	1.15
1	ABS.CAA.0320	1.34
1 1/4	ABS.CAA.0400	2.13
1 1/2	ABS.CAA.0500	3.29
2	ABS.CAA.0630	4.26
2 1/2	ABS.CAA.0750	10.72
3	ABS.CAA.0900	12.63
4	ABS.CAA.1100	19.32
5	ABS.CAA.1400	34.30
6	ABS.CAA.1600	51.24
8	ABS.CAA.2000	261.04

### Y Piece/45 Degree Tee plain



Size "	Code	Price
1/2	ABS.TYA.0200	7.34
3/4	ABS.TYA.0250	7.76
1	ABS.TYA.0320	8.79
1 1/4	ABS.TYA.0400	10.63
1 1/2	ABS.TYA.0500	13.31
2	ABS.TYA.0630	20.33

### Union plain



Size "	Code	Price
1/2	ABS.BOA.0200	5.36
3/4	ABS.BOA.0250	5.81
1	ABS.BOA.0320	7.85
1 1/4	ABS.BOA.0400	9.56
1 1/2	ABS.BOA.0500	13.20
2	ABS.BOA.0630	17.24
2 1/2	ABS.BOA.0750	46.62
3	ABS.BOA.0900	63.85
4	ABS.BOA.1100	85.98

**Reducing Bush plain**

Size "	Code	Price
3/4 x 1/2	ABS.RCA.025B	1.03
1 x 1/2	ABS.RCA.032B	1.32
1 x 3/4	ABS.RCA.032C	1.32
1 1/4 x 1/2	ABS.RCA.040B	1.84
1 1/4 x 3/4	ABS.RCA.040C	1.84
1 1/4 x 1	ABS.RCA.040D	1.74
1 1/2 x 3/4	ABS.RCA.050C	2.24
1 1/2 x 1	ABS.RCA.050D	2.24
1 1/2 x 1 1/4	ABS.RCA.050E	2.24
2 x 1	ABS.RCA.063D	3.00
2 x 1 1/4	ABS.RCA.063E	3.00
2 x 1 1/2	ABS.RCA.063F	3.00
2 1/2 x 1 1/2	ABS.RCA.075F	5.80
2 1/2 x 2	ABS.RCA.075G	5.36
3 x 1 1/2	ABS.RCA.090F	9.22
3 x 2	ABS.RCA.090G	9.22
3 x 2 1/2	ABS.RCA.090H	9.22
4 x 2	ABS.RCA.110G	11.53
4 x 2 1/2	ABS.RCA.110H	12.28
4 x 3	ABS.RCA.110I	11.53
5 x 3	ABS.RCA.125I	35.36
5 x 4	ABS.RCA.125L	33.30
6 x 4	ABS.RCA.160L	35.50
8 x 6	ABS.RCA.225N	113.59

**Full Face Flange BS4504 NP10/16 plain**

Size "	Code	Price
1/2 PCD 65MM	ABS.FNA.0200	5.70
3/4 PCD 75MM	ABS.FNA.0250	5.81
1 PCD 85MM	ABS.FNA.0320	6.94
1 1/4 PCD 100MM	ABS.FNA.0400	9.02
1 1/2 PCD 110MM	ABS.FNA.0500	10.77
2 PCD 125MM	ABS.FNA.0630	13.43
2 1/2 PCD 145MM	ABS.FNA.0750	18.84
3 PCD 160MM	ABS.FNA.0900	21.09
4 PCD 18MM	ABS.FNA.1100	28.12

**Full Face Flange BS10 Tables D & E plain**

Size "	Code	Price
1/2 PCD 67MM	ABS.FFA.0200	5.70
3/4 PCD 73MM	ABS.FFA.0250	5.81
1 PCD 83MM	ABS.FFA.0320	6.94
1 1/4 87MM	ABS.FFA.0400	9.02
1 1/2 PCD 98MM	ABS.FFA.0500	10.77
2 PCD 115MM	ABS.FFA.0630	13.43
2 1/2 PCD 127MM	ABS.FFA.0750	18.84
3 PCD 146	ABS.FFA.0900	21.09
4 (E) PCD 178MM	ABS.FFA.1100	28.12

**Stub Flange plain**

Size "	Code	Price
1/2	ABS.QRA.0200	1.21
3/4	ABS.QRA.0250	1.27
1	ABS.QRA.0320	1.55
1 1/4	ABS.QRA.0400	2.77
1 1/2	ABS.QRA.0500	4.10
2	ABS.QRA.0630	6.29
2 1/2	ABS.QRA.0750	9.98
3	ABS.QRA.0900	12.28
4	ABS.QRA.1100	15.91
5	ABS.QRA.1400	36.53
6	ABS.QRA.1600	41.33
8	ABS.QRA.2250	128.10

**Blank Flange BS4504 NP10/16 plain**

Size "	Code	Price
1/2	ABS.FCA.0200	40.15
3/4	ABS.FCA.0250	45.55
1	ABS.FCA.0320	50.12
1 1/4	ABS.FCA.0400	51.32
1 1/2	ABS.FCA.0500	62.15
2	ABS.FCA.0630	69.79
2 1/2	ABS.FCA.0750	95.58
3	ABS.FCA.0900	122.60
4	ABS.FCA.1100	155.62

## ABS Imperial Fittings plain/threaded (BSP)

### Socket plain/threaded (BSP)



Size "	Code	Price
1/2	ABS.MAC.0200	2.82
3/4	ABS.MAC.0250	3.11
1	ABS.MAC.0320	3.86
11/4	ABS.MAC.0400	6.05
11/2	ABS.MAC.0500	7.08
2	ABS.MAC.0630	9.35
21/2	ABS.MAC.0750	24.26
3	ABS.MAC.0900	25.53
4	ABS.MAC.1100	33.69

### Adaptor female plain/male plain/male threaded (BSP)



Size "	Code	Price
1/2 x 3/4 x 1/2	ABS.AMP.025B	1.65
1/2 x 3/4 x 3/4	ABS.AMP.025C	1.65
3/4 x 1 x 3/4	ABS.AMP.032C	2.13
3/4 x 1 x 1	ABS.AMP.032D	2.13
1 x 11/4 x 1	ABS.AMP.040D	2.94
1 x 11/4 x 11/4	ABS.AMP.040E	2.94
11/4 x 11/2 x 11/4	ABS.AMP.050E	4.10
11/4 x 11/2 x 11/2	ABS.AMP.050F	4.10
11/2 x 2 x 11/2	ABS.AMP.063F	5.31
11/2 x 2 x 2	ABS.AMP.063G	5.31
2 x 21/2 x 2	ABS.AMP.075G	7.61
2 x 21/2 x 21/2	ABS.AMP.075H	7.61
21/2 x 3 x 21/2	ABS.AMP.090H	18.26
21/2 x 3 x 3	ABS.AMP.090I	18.26
3 x 4 x 3	ABS.AMP.110I	21.90
3 x 4 x 4	ABS.AMP.110L	21.90
4 x 5 x 4	ABS.AMP.125L	29.39

### 90 Degree Elbow plain/threaded (BSP)



Size "	Code	Price
1/2	ABS.GOC.0200	3.68
3/4	ABS.GOC.0250	3.75
1	ABS.GOC.0320	4.90
11/4	ABS.GOC.0400	8.64
11/2	ABS.GOC.0500	9.74
2	ABS.GOC.0630	14.64
21/2	ABS.GOC.0750	26.67
3	ABS.GOC.0900	40.16
4	ABS.GOC.1100	57.38

### Adaptor male plain/female threaded (BSP)



Size "	Code	Price
1/2 x 1/2	ABS.AFP.020B	3.00
1/2 x 3/4	ABS.AFP.020C	3.31
3/4 x 1/2	ABS.AFP.025B	3.40
3/4 x 3/4	ABS.AFP.025C	3.40
3/4 x 1	ABS.AFP.025D	3.40
1 x 3/4	ABS.AFP.032C	3.50
1 x 1	ABS.AFP.032D	4.04
11/4 x 1	ABS.AFP.040D	4.26
11/4 x 11/4	ABS.AFP.040E	4.87
11/2 x 11/4	ABS.AFP.050E	5.59
11/2 x 11/2	ABS.AFP.050F	5.68
11/2 x 2	ABS.AFP.050G	7.66
2 x 11/2	ABS.AFP.063F	10.22
2 x 2	ABS.AFP.063G	10.22
21/2 x 2	ABS.AFP.075G	21.44
21/2 x 21/2	ABS.AFP.075H	22.18
21/2 x 3	ABS.AFP.075I	22.45
3 x 21/2	ABS.AFP.090H	27.38
3 x 3	ABS.AFP.090I	27.66
3 x 4	ABS.AFP.090L	29.22
4 x 3	ABS.AFP.110I	42.56
4 x 4	ABS.AFP.110L	43.79

### 45 Degree Elbow plain/threaded (BSP)



Size "	Code	Price
1/2	ABS.GYC.0200	5.46
3/4	ABS.GYC.0250	5.81
1	ABS.GYC.0320	7.29
11/4	ABS.GYC.0400	10.03
11/2	ABS.GYC.0500	12.73
2	ABS.GYC.0630	18.96
21/2	ABS.GYC.0750	39.90
3	ABS.GYC.0900	51.37
4	ABS.GYC.1100	91.61

### Equal Tee plain/threaded (BSP)



Size "	Code	Price
1/2	ABS.TIC.0200	3.75
3/4	ABS.TIC.0250	4.16
1	ABS.TIC.0320	5.02
11/4	ABS.TIC.0400	10.50
11/2	ABS.TIC.0500	11.58
2	ABS.TIC.0630	16.26
21/2	ABS.TIC.0750	25.35
3	ABS.TIC.0900	35.95
4	ABS.TIC.1100	68.21

**Union plain/threaded (BSP)**


Size "	Code	Price
1/2	ABS.BOC.0200	8.31
3/4	ABS.BOC.0250	9.22
1	ABS.BOC.0320	11.55
11/4	ABS.BOC.0400	14.05
11/2	ABS.BOC.0500	18.56
2	ABS.BOC.0630	25.77
21/2	ABS.BOC.0750	62.99
3	ABS.BOC.0900	72.30
4	ABS.BOC.1100	84.78

**Composite Union male brass**


Size "	Code	Price
1/2	ABS.BMC.0200	39.48
3/4	ABS.BMC.0250	56.94
1	ABS.BMC.0320	64.22
11/4	ABS.BMC.0400	89.70
11/2	ABS.BMC.0500	126.66
2	ABS.BMC.0630	195.40
21/2	ABS.BMC.0750	416.19
3	ABS.BMC.0900	600.09

**Reducing Bush plain/threaded**


Size "	Code	Price
1/2 x 3/8	ABS.RCC.020C	5.62
3/4 x 1/2	ABS.RCC.025B	2.36
1 x 3/4	ABS.RCC.032C	3.11
11/4 x 1	ABS.RCC.040D	5.35
11/2 x 11/4	ABS.RCC.050E	5.46
2 x 11/2	ABS.RCC.063F	7.26
21/2 x 2	ABS.RCC.075G	14.37
3 x 21/2	ABS.RCC.090H	21.32
4 x 3	ABS.RCC.110I	31.85

**Tank Connector plain/threaded (BSP)**


Size "	Code	Price
1/2	ABS.TCC.0200	7.99
3/4	ABS.TCC.0250	8.77
1	ABS.TCC.0320	19.01
11/4	ABS.TCC.0400	48.20
11/2	ABS.TCC.0500	53.04
2	ABS.TCC.0630	63.39
21/2	ABS.TCC.0750	83.18
3	ABS.TCC.0900	95.08
4	ABS.TCC.1100	142.64
6"	ABS.TCC.1600	246.00

**Nipple plain/threaded (BSP)**


Size "	Code	Price
3/8	ABS.BNC.0160	1.85
1/2	ABS.BNC.0200	2.02
3/4	ABS.BNC.0250	2.54
1	ABS.BNC.0320	3.29
11/4	ABS.BNC.0400	4.49
11/2	ABS.BNC.0500	4.99
2	ABS.BNC.0630	6.33
21/2	ABS.BNC.0750	14.81
3	ABS.BNC.0900	16.72
4	ABS.BNC.1100	36.70

**Composite Union female brass**


Size "	Code	Price
1/2	ABS.BFC.0200	34.98
3/4	ABS.BFC.0250	54.04
1	ABS.BFC.0320	61.23
11/4	ABS.BFC.0400	82.67
11/2	ABS.BFC.0500	114.15
2	ABS.BFC.0630	173.12
21/2	ABS.BFC.0750	337.52
3	ABS.BFC.0900	486.92

**Socket SS Rein Ring plain/threaded (BSP)**


Size "	Code	Price
1/2	ABS.MER.0200	4.21
3/4	ABS.MER.0250	4.58
1	ABS.MER.0320	5.41
11/4	ABS.MER.0400	7.89
11/2	ABS.MER.0500	9.12
2	ABS.MER.0630	11.57

## ABS Imperial Fittings *threaded (BSP)*

### Socket threaded (BSP)



Size "	Code	Price
3/8	ABS.MAF.0160	3.62
1/2	ABS.MAF.0200	3.75
3/4	ABS.MAF.0250	4.20
1	ABS.MAF.0320	5.24
11/4	ABS.MAF.0400	7.20
11/2	ABS.MAF.0500	8.12
2	ABS.MAF.0630	10.19
21/2	ABS.MAF.0750	22.64
3	ABS.MAF.0900	27.95
4	ABS.MAF.1100	51.62

### Union threaded (BSP)



Size "	Code	Price
1/2	ABS.BOF.0200	9.35
3/4	ABS.BOF.0250	10.19
1	ABS.BOF.0320	14.54
11/4	ABS.BOF.0400	17.84
11/2	ABS.BOF.0500	25.09
2	ABS.BOF.0630	35.36
21/2	ABS.BOF.0750	71.45
3	ABS.BOF.0900	82.20
4	ABS.BOF.1100	94.47

### 90 Degree Elbow threaded (BSP)



Size "	Code	Price
1/2	ABS.GOF.0200	3.51
3/4	ABS.GOF.0250	3.75
1	ABS.GOF.0320	4.84
11/4	ABS.GOF.0400	9.92
11/2	ABS.GOF.0500	11.07
2	ABS.GOF.0630	15.67
21/2	ABS.GOF.0750	26.27
3	ABS.GOF.0900	33.58
4	ABS.GOF.1100	58.76

### Reducing Socket threaded



Size "	Code	Price
1/2 x 3/8	ABS.MRF.020C	4.03
3/4 x 1/2	ABS.MRF.025B	4.03
1 x 3/4	ABS.MRF.032C	4.40
11/4 x 1	ABS.MRF.040D	5.37
11/2 x 11/4	ABS.MRF.050E	7.89
2 x 11/2	ABS.MRF.063F	11.11
21/2 x 2	ABS.MRF.075G	23.77
3 x 21/2	ABS.MRF.090H	28.64
4 x 3	ABS.MRF.110I	41.11

### 45 Degree Elbow threaded (BSP)



Size "	Code	Price
3/8	ABS.GYF.0160	4.60
1/2	ABS.GYF.0200	4.78
3/4	ABS.GYF.0250	5.31
1	ABS.GYF.0320	6.46
11/4	ABS.GYF.0400	8.93
11/2	ABS.GYF.0500	11.47
2	ABS.GYF.0630	16.60
21/2	ABS.GYF.0750	39.81
3	ABS.GYF.0900	50.47
4	ABS.GYF.1100	71.94

### Cap threaded (BSP)



Size "	Code	Price
3/8	ABS.CAF.0160	2.88
1/2	ABS.CAF.0200	3.75
3/4	ABS.CAF.0250	4.28
1	ABS.CAF.0320	4.56
11/4	ABS.CAF.0400	4.90
11/2	ABS.CAF.0500	6.33
2	ABS.CAF.0630	8.00
21/2	ABS.CAF.0750	19.94
3	ABS.CAF.0900	27.70
4	ABS.CAF.1100	33.76

### Equal Tee threaded (BSP)



Size "	Code	Price
3/8	ABS.TIF.0160	3.57
1/2	ABS.TIF.0200	3.75
3/4	ABS.TIF.0250	4.13
1	ABS.TIF.0320	5.64
11/4	ABS.TIF.0400	9.56
11/2	ABS.TIF.0500	12.33
2	ABS.TIF.0630	21.21
21/2	ABS.TIF.0750	37.85
3	ABS.TIF.0900	54.37
4	ABS.TIF.1100	90.74

### Plug threaded (BSP)



Size "	Code	Price
3/8	ABS.TAF.0160	1.85
1/2	ABS.TAF.0200	2.19
3/4	ABS.TAF.0250	2.65
1	ABS.TAF.0320	3.17
11/4	ABS.TAF.0400	4.20
11/2	ABS.TAF.0500	5.31
2	ABS.TAF.0630	5.99
21/2	ABS.TAF.0750	16.19
3	ABS.TAF.0900	19.54
4	ABS.TAF.1100	36.23

### Nipple threaded (BSP)



Size "	Code	Price
3/8	ABS.BNF.0160	2.84
1/2	ABS.BNF.0200	2.33
3/4	ABS.BNF.0250	2.65
1	ABS.BNF.0320	3.51
11/4	ABS.BNF.0400	4.71
11/2	ABS.BNF.0500	5.67
2	ABS.BNF.0630	7.03
21/2	ABS.BNF.0750	14.34
3	ABS.BNF.0900	17.01
4	ABS.BNF.1100	39.71

### Reducing Bush threaded (BSP)



Size "	Code	Price
3/4 x 1/2	ABS.RCF.025B	2.48
1 x 3/4	ABS.RCF.032C	3.23
11/4 x 1	ABS.RCF.040D	7.08
11/2 x 11/4	ABS.RCF.050E	7.78
2 x 11/2	ABS.RCF.063F	9.97
21/2 x 2	ABS.RCF.075G	13.39
3 x 21/2	ABS.RCF.090H	17.37
4 x 3	ABS.RCF.110I	27.50

### Hex Nipple threaded (BSP)



Size "	Code	Price
3/8	ABS.NIF.0160	1.77
1/2	ABS.NIF.0200	2.25
3/4	ABS.NIF.0250	2.80
1	ABS.NIF.0320	3.37
11/4	ABS.NIF.0400	4.83
11/2	ABS.NIF.0500	5.63
2	ABS.NIF.0630	6.29
21/2	ABS.NIF.0750	14.54
3	ABS.NIF.0900	20.59
4	ABS.NIF.1100	31.81

### Reducing piece female / male threaded (BSP)



Size "	Code	Price
3/4 x 1/2	ABS.RIF.020C	4.01
1 x 3/4	ABS.RIF.025B	4.78
11/4 x 1	ABS.RIF.032C	6.49
11/2 x 11/4	ABS.RIF.040D	7.55
2 x 11/2	ABS.RIF.050E	9.25
21/2 x 2	ABS.RIF.063F	19.90
3 x 21/2	ABS.RIF.075G	25.44
4 x 3	ABS.RIF.110I	44.25

### Reducing Nipple threaded (BSP)



Size "	Code	Price
1/2 x 3/8	ABS.NRF.020C	2.63
3/4 x 1/2	ABS.NRF.025B	3.07
1 x 3/4	ABS.NRF.032C	4.28
11/4 x 1	ABS.NRF.040D	4.76
11/2 x 11/4	ABS.NRF.050E	6.73
2 x 11/2	ABS.NRF.063F	9.16
21/2 x 2	ABS.NRF.075G	16.73
3 x 21/2	ABS.NRF.090H	20.59
4 x 3	ABS.NRF.110I	31.20

### Backnut threaded (BSP)



Size "	Code	Price
3/8	ABS.NUF.0160	1.44
1/2	ABS.NUF.0200	1.86
3/4	ABS.NUF.0250	2.16
1	ABS.NUF.0320	2.82
11/4	ABS.NUF.0400	6.11
11/2	ABS.NUF.0500	6.98
2	ABS.NUF.0630	7.33
21/2	ABS.NUF.0750	12.29
3	ABS.NUF.0900	16.96
4	ABS.NUF.1100	22.73

## ABS Imperial Fittings valves

**Single Ball Valve Standard PTFE Seat EPDM Seals plain**



Size "	Code	Price
3/8	ABS.11A.0160	17.62
1/2	ABS.11A.0200	17.62
3/4	ABS.11A.0250	21.87
1	ABS.11A.0320	33.81
1 1/4	ABS.11A.0400	40.41
1 1/2	ABS.11A.0500	51.31
2	ABS.11A.0630	76.25
2 1/2	ABS.11A.0750	213.17
3	ABS.11A.0900	259.91
4	ABS.11A.1100	389.15

**Double Ball Valve Industrial PTFE Seat EPDM Seals plain**



Size "	Code	Price
3/8	ABS.22A.0160	49.98
1/2	ABS.22A.0200	51.45
3/4	ABS.22A.0250	61.17
1	ABS.22A.0320	73.01
1 1/4	ABS.22A.0400	93.57
1 1/2	ABS.22A.0500	120.60
2	ABS.22A.0630	153.42
2 1/2	ABS.22A.0750	304.86
3	ABS.22A.0900	391.28
4	ABS.22A.2200	543.71

**Double Ball Valve Standard PTFE Seat EPDM Seal plain**



Size "	Code	Price
3/8	ABS.21A.0160	20.97
1/2	ABS.21A.0200	20.97
3/4	ABS.21A.0250	25.72
1	ABS.21A.0320	39.69
1 1/4	ABS.21A.0400	47.55
1 1/2	ABS.21A.0500	58.86
2	ABS.21A.0630	89.67
2 1/2	ABS.21A.0750	250.80
3	ABS.21A.0900	305.71
4	ABS.21A.2100	457.85

**Spring Check Non Return Valve EPDM Ends plain**



Size "	Code	Price
3/8	ABS.30A.0160	51.12
1/2	ABS.30A.0200	52.44
3/4	ABS.30A.0250	61.82
1	ABS.30A.0320	65.32
1 1/4	ABS.30A.0400	92.79
1 1/2	ABS.30A.0500	105.00
2	ABS.30A.0630	144.84
2 1/2	ABS.30A.0750	370.27
3	ABS.30A.0900	477.64
4	ABS.30A.3000	706.91

# PP Compression Fittings

## Coupling



Size mm	Code	Price
16	310.0160	5.48
20	310.0200	6.82
25	310.0250	8.41
32	310.0320	11.74
40	310.0400	20.21
50	310.0500	26.28
63	310.0630	40.01
75	310.0750	61.26
90	310.0900	80.39
110	310.1100	151.82

## Male Thread Adaptor



Size mm x "	Code	Price
20 x 1/2	320.020B	4.23
20 x 3/4	320.020C	4.23
25 x 1/2	320.025B	5.02
25 x 3/4	320.025C	5.02
25 x 1	320.025D	5.02
32 x 3/4	320.032C	6.23
32 x 1	320.032D	6.23
32 x 11/4	320.032E	6.23
40 x 11/4	320.040E	11.91
40 x 11/2	320.040F	11.91
50 x 11/4	320.050E	15.57
50 x 11/2	320.050F	15.57
50 x 2	320.050G	15.57
63 x 11/2	320.063F	22.25
63 x 2	320.063G	22.25
63 x 21/2	320.063H	22.25
75 x 2	320.075G	44.46
90 x 2	320.090G	52.54
90 x 3	320.090H	52.54
90 x 4	320.090I	52.54
110 x 3	320.110I	101.04
110 x 4	320.110L	101.04

## Reducing Coupling



Size mm	Code	Price
20 x 16	311.020A	7.68
25 x 20	311.025B	8.27
32 x 20	311.032B	10.94
32 x 25	311.032C	10.94
40 x 32	311.040D	18.80
50 x 25	311.050C	24.28
50 x 32	311.050D	24.28
50 x 40	311.050E	24.28
63 x 25	311.063C	34.36
63 x 32	311.063D	34.36
63 x 40	311.063E	34.36
63 x 50	311.063F	34.36
75 x 50	311.075F	62.69
75 x 63	311.075G	62.69
90 x 63	311.090G	82.90
90 x 75	311.090H	82.90
110 x 63	311.110G	173.86
110 x 75	311.110H	173.86
110 x 90	311.110I	173.86

## Cap



Size mm	Code	Price
20	312.0200	5.26
25	312.0250	6.05
32	312.0320	6.89
40	312.0400	11.74
50	312.0500	17.43
63	312.0630	24.05
75	312.0750	50.55
90	312.0900	63.11
110	312.1100	125.34

## Stop Valve



Size mm	Code	Price
20	71U20-11	19.72
25	71U20-22	20.83
32	71U20-33	24.16
40	71U20-44	41.45
50	71U20-55	52.09
63	71U20-66	78.90

## Female Thread Adaptor



Size mm x "	Code	Price
20 x 1/2	330.020B	4.62
20 x 3/4	330.020C	4.62
25 x 1/2	330.025B	5.48
25 x 3/4	330.025C	5.48
25 x 1	330.025D	5.48
32 x 3/4	330.032C	8.08
32 x 1	330.032D	8.08
40 x 1	330.040D	10.94
40 x 11/4	330.040F	10.94
50 x 11/4	330.050E	15.77
50 x 11/2	330.050F	15.77
50 x 2	330.050G	15.77
63 x 11/2	330.063F	22.25
63 x 2	330.063G	22.25
75 x 2	330.075G	54.58
75 x 21/2	330.075H	54.58
75 x 3	330.075I	54.58
90 x 2	330.090G	54.58
90 x 3	330.090I	54.58
110 x 3	330.110I	129.33
110 x 4	330.110L	129.33

## Stop Valve



Size mm	Code	Price
20	71N10-11	54.48
25	71N10-22	57.27
32	71N10-33	61.13

**90 Degree Tee**

Size mm	Code	Price
20	340.0200	9.90
25	340.0250	13.17
32	340.0320	17.17
40	340.0400	28.31
50	340.0500	38.37
63	340.0630	54.58
75	340.0750	95.02
90	340.0900	131.36
110	340.1100	252.68

**90 Degree Male Thread Tee**

Size mm x "	Code	Price
20 x 1/2	341.020B	8.52
20 x 3/4	341.020C	8.52
25 x 3/4	341.025C	10.94
25 x 1	341.025D	7.79
32 x 3/4	341.032C	9.93
32 x 1	341.032D	13.96
40 x 1	341.040D	17.29
40 x 11/4	341.040E	17.29
40 x 11/2	341.040F	17.29
50 x 11/2	341.050F	34.36
50 x 2	341.050G	24.48
63 x 2	341.063G	66.70
75 x 3	341.075I	56.16
90 x 3	341.090I	83.49
110 x 4	341.110L	135.32

**90 Degree Male Thread Elbow**

Size mm x "	Code	Price
20 x 1/2	351.020B	6.01
20 x 3/4	351.020C	6.01
25 x 1/2	351.025B	6.01
25 x 3/4	351.025C	6.01
25 x 1	351.025D	6.05
32 x 3/4	351.032C	6.82
32 x 1	351.032D	6.82
32 x 11/4	351.032E	7.89
40 x 1	351.040D	12.77
40 x 11/4	351.040E	12.77
40 x 11/2	351.040F	12.77
40 x 2	351.040G	12.77
50 x 11/4	351.050E	12.77
50 x 11/2	351.050F	17.43
50 x 2	351.050G	17.43
63 x 11/2	351.063F	24.28
63 x 2	351.063G	24.28
63 x 21/2	351.063H	24.28

**Wall Plate Elbow**

Size mm x "	Code	Price
20 x 1/2	71-80-11	4.88
25 x 3/4	71-80-22	5.86

**90 Degree Female Thread Tee**

Size mm x "	Code	Price
20 x 1/2	342.020B	7.89
20 x 3/4	342.020C	7.89
25 x 1/2	342.025B	10.11
25 x 3/4	342.025C	10.11
25 x 1	342.025D	11.34
32 x 3/4	342.032C	13.34
32 x 1	342.032D	13.34
40 x 1	342.040D	32.32
40 x 11/4	342.040E	32.32
40 x 11/2	342.040F	32.32
50 x 11/4	342.050E	32.32
50 x 11/2	342.050F	32.32
63 x 2	342.063G	46.55
75 x 2	342.075G	54.69
75 x 21/2	342.075H	54.69
75 x 3	342.075I	54.69
90 x 3	342.090I	119.25
90 x 4	342.090L	119.25
110 x 3	342.110I	179.87
110 x 4	342.110L	179.87

**90 Degree Reducing Tee**

Size mm	Code	Price
20 x 25 x 20	343.020C	10.94
25 x 20 x 25	343.025B	10.94
32 x 20 x 32	343.032B	14.34
32 x 25 x 32	343.032C	14.34
40 x 25 x 40	343.040C	23.62
40 x 32 x 40	343.040D	23.62
50 x 25 x 50	343.050C	31.97
50 x 32 x 50	343.050D	31.97
50 x 40 x 50	343.050E	31.97
63 x 25 x 63	343.063C	45.50
63 x 32 x 63	343.063D	45.50
63 x 40 x 63	343.063E	45.50
63 x 50 x 63	343.063F	45.50
75 x 63 x 75	343.075G	85.76
90 x 75 x 90	343.090H	147.79

**90 Degree Female Thread Elbow**

Size mm x "	Code	Price
20 x 1/2	352.020B	6.05
20 x 3/4	352.020C	6.05
25 x 1/2	352.025B	7.68
25 x 3/4	352.025C	7.05
25 x 1	352.025D	7.32
32 x 3/4	352.032C	9.48
32 x 1	352.032D	9.48
40 x 1	352.040D	22.25
40 x 11/4	352.040E	22.25
50 x 11/2	352.050F	22.25
50 x 2	352.050G	22.25
63 x 2	352.063G	30.27
75 x 2	352.075G	38.17
90 x 3	352.090I	100.67

**90 Degree Elbow**

Size mm	Code	Price
20	350.0200	7.68
25	350.0250	9.27
32	350.0320	11.53
40	350.0400	20.22
50	350.0500	28.31
63	350.0630	34.36
75	350.0750	66.70
90	350.0900	82.90
110	350.1100	171.81

**Flanged Adaptor**

Size mm x "	Code	Price
50 x 11/2	360.050F	49.28
50 x 2	360.050G	55.30
63 x 2	360.063G	61.32
75 x 2	360.075G	82.90
75 x 21/2	360.075H	92.98
90 x 21/2	360.090H	105.12
90 x 3	360.090I	139.51
110 x 4	360.110L	151.59

**Clamp Saddles****Clamp Saddle 6 Bar diameter x BSP female**

Size mm x "	Code	Price
25 x 1/2	85-12-00	1.12
25 x 3/4	85-12-01	1.12
32 x 1/2	85-13-00	1.22
32 x 3/4	85-13-01	1.22
32 x 1	85-13-02	1.22
40 x 1/2	85-14-05	1.46
40 x 3/4	85-14-00	1.46
40 x 1	85-14-01	1.46
50 x 1/2	85-15-05	1.63
50 x 3/4	85-15-00	1.63
50 x 1	85-15-01	1.63
50 x 11/4	85-15-02	1.63
63 x 1/2	85-16-05	2.23
63 x 3/4	85-16-00	2.23
63 x 1	85-16-01	2.23
63 x 11/4	85-16-02	2.23
63 x 11/2	85-16-03	2.23

**Clamp Saddle 16 Bar diameter x BSP female**

Size mm x "	Code	Price
20 x 1/2	84-01-01	4.40
32 x 1/2	84-03-01	4.79
32 x 3/4	84-03-02	4.79
40 x 1/2	84-04-01	5.35
40 x 3/4	84-04-02	5.35
40 x 1	84-04-03	5.35
50 x 3/4	84-05-02	6.21
50 x 1	84-05-03	6.21
63 x 3/4	84-06-02	7.44
63 x 1	84-06-03	7.44
63 x 11/2	84-06-05	7.44
75 x 3/4	84-07-02	9.42
75 x 1	84-07-03	9.42
75 x 11/2	84-07-05	9.42
75 x 2	84-07-06	9.42
90 x 1	84-09-03	10.70
90 x 2	84-09-06	10.70
110 x 1	84-11-03	11.75
110 x 2	84-11-06	11.75

**Clamp Saddle 10 Bar diameter x BSP female**

with Reinforcing Ring



Size mm x "	Code	Price
75 x 3/4	85-18-00	4.90
75 x 1	85-18-01	4.90
75 x 11/2	85-18-02	4.90
75 x 2	85-18-03	4.90
90 x 3/4	85-20-01	5.61
90 x 1	85-20-02	5.61
90 x 11/2	85-20-04	5.61
90 x 2	85-20-05	14.19
110 x 1	85-25-02	6.31
110 x 11/4	85-25-03	6.31
110 x 11/2	85-25-04	6.31
160 x 2	85-25-08	35.18
225 x 3	85-25-25	180.18

**SS Bolts for Saddles**

Description	Code	Price
For 20/32/40 mm	84-945SS	2.07
For 50/63/75/90 mm	84-955SS	2.57

# Gaskets, Glues and Cleaners

## Full Face Gasket NP10/16



Size mm	Code	Price
20MM (1/2")	GFI.0200	2.78
25MM (3/4")	GFI.0250	2.89
32MM (1")	GFI.0320	3.39
40MM (11/4")	GFI.0400	3.92
50MM (11/2")	GFI.0500	5.38
63MM (2")	GFI.0630	5.88
75MM (21/2")	GFI.0750	7.95
90MM (3")	GFI.0900	8.16
110MM (4")	GFI.1100	11.90
125MM (5")	GFI.1250	14.33
140MM (5")	GFI.1400	14.33
160MM (6")	GFI.1600	19.03
180MM (6")	GFI.1800	21.17
200MM (8")	GFI.2000	21.21
225MM (8")	GFI.2250	28.44
250MM (10")	GFI.2500	28.44
280MM (10")	GFI.2800	28.44
315MM (12")	GFI.3150	39.77
355MM (14")	GFI.3550	55.24
400MM (16")	GFI.4000	60.05
500MM (20")	GFI.5000	78.41

## EPDM Full Face Gasket BS10 Tables D & E



Size mm	Code	Price
20 (1/2")	FFI.0200	2.78
25 (3/4")	FFI.0250	2.89
32 (1")	FFI.0320	3.39
40 (11/4")	FFI.0400	3.92
50 (11/2")	FFI.0500	5.38
63 (2")	FFI.0630	5.88
75 (21/2")	FFI.0750	7.95
90 (3")	FFI.0900	8.16
110 (4")	FFI.1100	11.90
125	FFI.1250	14.33
140 (5")	FFI.1400	14.33
160 (6")	FFI.1600	19.03
180	FFI.1800	21.17
200	FFI.2000	21.21
225 (8")	FFI.2250	28.44

## EPDM Stub Gasket



Size mm	Code	Price
20 (1/2")	GSI.0200	1.46
25 (3/4")	GSI.0250	1.77
32 (1")	GSI.0320	2.38
40 (11/4")	GSI.0400	2.79
50 (11/2")	GSI.0500	2.89
63 (2")	GSI.0630	3.00
75 (21/2")	GSI.0750	3.19
90 (3")	GSI.0900	3.61
110 (4")	GSI.1100	5.17
125	GSI.1250	7.42
140 (5")	GSI.1400	7.53
160 (6")	GSI.1600	7.15
180	GSI.1800	15.70
200	GSI.2000	16.42
225 (8")	GSI.2250	15.70
250 (10")	GSI.2500	16.42
280 (10")	GSI.2800	16.42
315 (12")	GSI.3150	16.97
355	GSI.3550	20.91
400 (16")	GSI.4000	26.77
450	GSI.4500	28.89
500	GSI.5000	35.06
630	GSI.6300	49.05

## PVCu Backing Ring BS4504 NP10/16



Size mm	Code	Price
20	FLI.0200	7.16
25	FLI.0250	7.49
32	FLI.0320	8.68
40	FLI.0400	11.51
50	FLI.0500	17.12
63	FLI.0630	12.69
75	FLI.0750	19.10
90	FLI.0900	21.81
110	FLI.1100	27.23
125	FLI.1250	39.03
140	FLI.1400	39.13
160	FLI.1600	48.83
180	FLI.1800	98.40
200	FLI.2000	95.12
225	FLI.2250	114.33
250	FLI.2500	162.80
280	FLI.2800	197.23
315	FLI.3150	221.82
355	FLI.3550	310.35
400	FLI.4000	334.13
500	FLI.5000	430.46

## GRPP Coated Mild Steel Backing Ring NP10/16



Size mm	Code	Price
1 1/4"-40mm	BNI.GRPP.0400	31.46
1 1/2"-50mm	BNI.GRPP.0500	39.33
2"-63mm	BNI.GRPP.0630	41.41
2 1/2"-75mm	BNI.GRPP.0750	46.59
3"-90mm	BNI.GRPP.0900	53.16
4"-110mm	BNI.GRPP.1100	56.61
5"-140mm	BNI.GRPP.1400	69.41
8"-225mm	BNI.GRPP.2250	134.15
8"-225mm	BNI.GRPP.2250A	111.48

**Galv Mild Steel Backing Ring BS4504 NP10/16**

Size mm	Code	Price
20 (1/2")	BNI.0200	9.30
25 (3/4")	BNI.0250	9.59
32 (1")	BNI.0320	10.73
40 (1 1/4")	BNI.0400	10.98
50 (1 1/2")	BNI.0500	14.36
63 (2")	BNI.0630	19.10
75 (2 1/2")	BNI.0750	26.23
90 (3")	BNI.0900	29.05
110 (4")	BNI.1100	37.60
125	BNI.1250	59.30
140 (5")	BNI.1400	61.98
160 (6")	BNI.1600	61.98
180	BNI.1800	61.98
200	BNI.2000	84.93
225 (8")	BNI.2250	203.08
250 (10")	BNI.2500	202.01
280	BNI.2800	202.01
315	BNI.3150	232.80

**Galv Mild Steel Backing Ring BS10 Tables D & E**

Size mm	Code	Price
20 (1/2")	BEA.0200	11.33
25 (3/4")	BEA.0250	11.68
32 (1")	BEA.0320	13.07
40 (1 1/4")	BEA.0400	13.36
50 (1 1/2")	BEA.0500	17.49
63 (2")	BEA.0630	23.26
75 (2 1/2")	BEA.0750	31.96
90 (3")	BEA.0900	35.36
110 (4")	BEA.1100	45.80
125	BEA.1250	72.22
140 (5")	BEA.1400	72.22
160 (6")	BEA.1600	75.48
180	BEA.1800	75.48
200	BEA.2000	103.40
225 (8")	BEA.2250	103.40

**Griffon UNI100 PVCu Cement**

Size	Code	Price
250ml & Brush	81-44-03	20.85
500ml & Brush	81-44-04	32.65
1 Litre & Brush	81-44-05	65.79
5 Litre	81-44-07	342.57

**Wet, Dry & Fast**

Size	Code	Price
250ml	81-47-25	25.16
500ml	81-47-26	42.84

**PVC Solvent Cement**

Size	Code	Price
500ml	RCO.0500	32.65

**PVC Solvent Cement Quick Drying - Waterline Image**

Size	Code	Price
250ml	RDO.0250	19.17
500ml	RDO.0500	32.65

**Weld-On Wet R Dry**

Size	Code	Price
250ml & Brush	81-44-23	25.16
500ml & Brush	81-44-24	42.84

**ABS Solvent Cement**

Size	Code	Price
500ml	ACO.0500	25.02

**MEK Cleaning Fluid for PVC and ABS**

Size	Code	Price
500ml	RMO.0500	15.47

**12mm Wide PTFE Thread Seal Tape**

Size	Code	Price
12mm	PTFE	0.75

# Galvanised Malleable Fittings

## Bend 90 Degree MxF



Size "	Code	Price
1/4	MG1A/02	3.57
3/8	MG1A/03	3.57
1/2	MG1A/04	3.57
3/4	MG1A/05	4.78
1	MG1A/06	6.76
1 1/4	MG1A/07	11.08
1 1/2	MG1A/08	15.07
2	MG1A/09	23.04
2 1/2	MG1A/10	47.63
3	MG1A/11	68.42
4	MG1A/12	140.83

## Union Elbow FxF



Size "	Code	Price
3/8	MG96/03	9.94
1/2	MG96/04	9.94
3/4	MG96/05	12.83
1	MG96/06	15.07
1 1/4	MG96/07	21.14
1 1/2	MG96/08	27.21
2	MG96/09	40.19
2 1/2	MG96/10	67.40
3	MG96/11	115.56

## Bend 90 Degree FxF



Size "	Code	Price
1/4	MG2A/02	3.57
3/8	MG2A/03	3.57
1/2	MG2A/04	3.57
3/4	MG2A/05	5.12
1	MG2A/06	6.94
1 1/4	MG2A/07	11.08
1 1/2	MG2A/08	16.01
2	MG2A/09	25.27
3	MG2A/11	72.07
4	MG2A/12	150.55

## Union Elbow MxF



Size "	Code	Price
3/8	MG98/03	11.08
1/2	MG98/04	11.08
3/4	MG98/05	14.46
1	MG98/06	17.23
1 1/4	MG98/07	24.10
1 1/2	MG98/08	30.13
2	MG98/09	44.17
2 1/2	MG98/10	74.15
3	MG98/11	126.30

## 90° Elbow FxF



Size "	Code	Price
1/8	MG90/01	2.77
1/4	MG90/02	1.97
3/8	MG90/03	1.97
1/2	MG90/04	1.90
3/4	MG90/05	2.77
1	MG90/06	4.06
1 1/4	MG90/07	5.96
1 1/2	MG90/08	8.24
2	MG90/09	12.03
2 1/2	MG90/10	21.14
3	MG90/11	32.22
4	MG90/12	58.56

## Elbow 45 Degree FxF



Size "	Code	Price
3/8	MG120/03	2.16
1/2	MG120/04	1.90
3/4	MG120/05	2.85
1	MG120/06	4.06
1 1/4	MG120/07	6.57
1 1/2	MG120/08	8.24
2	MG120/09	12.03
3	MG120/11	37.99

## 90° Elbow MxF



Size "	Code	Price
1/8	MG92/01	2.96
1/4	MG92/02	2.16
3/8	MG92/03	2.16
1/2	MG92/04	1.97
3/4	MG92/05	2.96
1	MG92/06	4.40
1 1/4	MG92/07	7.55
1 1/2	MG92/08	9.18
2	MG92/09	12.83
2 1/2	MG92/10	29.11
3	MG92/11	45.05
4	MG92/12	75.03

## Elbow 45 Degree MxF



Size "	Code	Price
3/8	MG121/03	3.19
1/2	MG121/04	3.19
3/4	MG121/05	4.78
1	MG121/06	6.07
1 1/4	MG121/07	9.94
1 1/2	MG121/08	12.03
2	MG121/09	19.92

**Equal Tee FxFxF**

Size "	Code	Price
1/4	MG130/02	2.69
3/8	MG130/03	2.69
1/2	MG130/04	2.35
3/4	MG130/05	3.57
1	MG130/06	5.28
1 1/4	MG130/07	7.97
1 1/2	MG130/08	9.94
2	MG130/09	15.07
2 1/2	MG130/10	32.22
3	MG130/11	42.09
4	MG130/12	75.86

**Reducing Tee**

Size "	Code	Price
1/2" x 1/4" x 1/2"	MG130R/15	3.57
1/2" x 3/8" x 1/2"	MG130R/16	3.57
1/2" x 3/4" x 1/2"	MG130R/17	4.06
1/2" x 1" x 1/2"	MG130R/18	6.15
3/4" x 1/2" x 3/4"	MG130R/21	4.06
3/4" x 1" x 3/4"	MG130R/22	6.15
1" x 1/4" x 1"	MG130R/24	6.15
1" x 3/8" x 1"	MG130R/25	6.15
1" x 1/2" x 1"	MG130R/26	6.15
1" x 3/4" x 1"	MG130R/27	6.15
1" x 1 1/4" x 1"	MG130R/28	9.60
1 1/4" x 1/2" x 11/4	MG130R/31	9.60
1 1/4" x 3/4" x 11/4	MG130R/32	9.60
1 1/4" x 1" x 1 1/4"	MG130R/33	9.60
1 1/2" x 1/2" x 1 1/2"	MG130R/36	12.03
1 1/2" x 3/4" x 2	MG130R/37	12.03
1 1/2" x 1" x 1 1/2"	MG130R/38	12.03
1 1/2" x 11/4" x 11/2	MG130R/39	12.03
1 1/2" x 2" x 11/2	MG130R/40	17.23
2" x 1/2" x 2"	MG130R/41	17.23
2" x 3/4" x 2"	MG130R/42	17.23
2" x 1" x 2"	MG130R/43	17.23
2" x 1 1/4" x 2"	MG130R/44	17.23
2" x 1 1/2" x 2"	MG130R/45	17.23
2 1/2" x 1 x 21/2	MG130R/47	34.99
2 1/2" x 1 1/2" x 2 1/2"	MG130R/48	34.99
2 1/2" x 2" x 2 1/2"	MG130R/49	34.99
3" x 1" x 3"	MG130R/50	50.25
3" x 1 1/2" x 3"	MG130R/51	50.25
3" x 2" x 3"	MG130R/52	50.25
3" x 2 1/2" x 3"	MG130R/53	50.25
3/4" x 1/2" x 1/2"	MG130R/57	4.06
3/4" x 3/4" x 1/2"	MG130R/59	4.06
1" x 1/2" x 1/2"	MG130R/61	6.15
1" x 1" x 1/2"	MG130R/65	6.15
1" x 1" x 3/4"	MG130R/66	6.15
1 1/4" x 3/4" x 1"	MG130R/69	9.60
1 1/4" x 1" x 1"	MG130R/71	9.60
1 1/4" x 1 1/4" x 1"	MG130R/74	9.60

**Reduced Socket FxF**

Size "	Code	Price
3/8 x 1/4	MG240/02	1.71
1/2 x 1/4	MG240/03	1.71
1/2 x 3/8	MG240/04	1.71
3/4 x 1/4	MG240/05	2.43
3/4 x 3/8	MG240/06	2.43
3/4 x 1/2	MG240/07	2.43
1 x 3/8	MG240/08	3.57
1 x 1/2	MG240/09	3.57
1 x 3/4	MG240/10	3.57
1 1/4 x 1/2	MG240/11	4.78
1 1/4 x 3/4	MG240/12	4.78
1 1/4 x 1	MG240/13	4.78
1 1/2 x 1/2	MG240/13A	5.54
1 1/2 x 3/4	MG240/14	5.54
1 1/2 x 1	MG240/15	5.54
1 1/2 x 11/4	MG240/16	5.54
2 x 1/2	MG240/16A	8.50
2 x 3/4	MG240/17	8.50
2 x 1	MG240/18	8.50
2 x 11/4	MG240/19	8.50
2 x 11/2	MG240/20	8.50
2 1/2 x 11/4	MG240/24	16.01
2 1/2 x 11/2	MG240/25	16.01
2 1/2 x 2	MG240/26	16.01
3 x 11/2	MG240/27	25.27
3 x 2	MG240/28	25.27
3 x 21/2	MG240/29	25.27
4 x 2	MG240/30	46.41
4 x 21/2	MG240/31	46.41
4 x 3	MG240/32	46.41

**Cross FxFxFxF**

Size "	Code	Price
1/4	MG180/02	5.12
3/8	MG180/03	5.12
1/2	MG180/04	5.12
3/4	MG180/05	6.94
1	MG180/06	9.60
1 1/4	MG180/07	14.12
1 1/2	MG180/08	19.05
2	MG180/09	25.81
2 1/2	MG180/10	50.25
3	MG180/11	70.32
4	MG180/12	130.62

**Socket FxF**

Size "	Code	Price
1/8	MG270/01	1.97
1/4	MG270/02	1.97
3/8	MG270/03	1.59
1/2	MG270/04	1.56
3/4	MG270/05	1.97
1	MG270/06	3.57
1 1/4	MG270/07	4.67
1 1/2	MG270/08	5.54
2	MG270/09	8.50
2 1/2	MG270/10	15.07
3	MG270/11	22.16

**Reducing Bush MxF**

Size "	Code	Price
1/4 x 1/8	MG241/01	1.56
3/8 x 1/8	MG241/02	1.56
3/8 x 1/4	MG241/03	1.56
1/2 x 1/8	MG241/04	1.56
1/2 x 1/4	MG241/05	1.56
1/2 x 3/8	MG241/06	1.56
3/4 x 1/4	MG241/07	1.71
3/4 x 3/8	MG241/08	1.71
3/4 x 1/2	MG241/09	1.71
1 x 1/4	MG241/10	2.69
1 x 3/8	MG241/11	2.69
1 x 1/2	MG241/12	2.69
1 x 3/4	MG241/13	2.69
11/4 x 3/8	MG241/14	4.06
11/4 x 1/2	MG241/15	4.06
11/4 x 3/4	MG241/16	4.06
11/4 x 1	MG241/17	4.06
11/2 x 3/8	MG241/18	4.78
11/2 x 1/2	MG241/19	4.78
11/2 x 3/4	MG241/20	4.78
11/2 x 1	MG241/21	4.78
11/2 x 11/4	MG241/22	4.78
2 x 1/2	MG241/23	6.57
2 x 3/4	MG241/24	6.57
2 x 1	MG241/25	6.57
2 x 11/4	MG241/26	6.57
2 x 11/2	MG241/27	6.57
21/2 x 1	MG241/28	11.08
21/2 x 11/4	MG241/29	11.08
21/2 x 11/2	MG241/30	11.08
21/2 x 2	MG241/31	11.08
3 x 1	MG241/32	16.01
3 x 11/4	MG241/33	16.01
3 x 11/2	MG241/34	16.01
3 x 2	MG241/35	16.01
3 x 21/2	MG241/37	16.01
4 x 3	MG241/38	30.13
4 x 21/2	MG241/39	30.13

**Plug**

Size "	Code	Price
1/8	MG290/01	1.56
1/4	MG290/02	1.06
3/8	MG290/03	1.06
1/2	MG290/04	1.06
3/4	MG290/05	1.56
1	MG290/06	1.97
11/4	MG290/07	3.19
11/2	MG290/08	3.57
2	MG290/09	5.12
21/2	MG290/10	9.94
3	MG290/11	14.12
4	MG290/12	25.27

**Nipple Socket**

Size "	Code	Price
1/2 x 1/4	MG246/05	3.57
1/2 x 3/8	MG246/06	3.57
3/4 x 3/8	MG246/08	4.59
3/4 x 1/2	MG246/09	4.59
1 x 1/2	MG246/10	6.07
1 x 3/4	MG246/11	6.07
11/4 x 3/4	MG246/13	8.92
11/4 x 1	MG246/14	8.92
11/2 x 3/4	MG246/15	10.74
11/2 x 1	MG246/16	10.74
11/2 x 11/4	MG246/17	10.74
2 x 1	MG246/18	15.07
2 x 11/4	MG246/19	15.07
2 x 11/2	MG246/20	15.07
21/2 x 2	MG246/22	21.67

**Nipples MxM**

Size "	Code	Price
1/8	MG280/01	1.97
1/4	MG280/02	1.56
3/8	MG280/03	1.56
1/2	MG280/04	1.56
3/4	MG280/05	1.97
1	MG280/06	2.85
11/4	MG280/07	4.06
11/2	MG280/08	5.81
2	MG280/09	7.97
21/2	MG280/10	12.83
3	MG280/11	22.16
4	MG280/12	34.99

**Reducing Nipple M x M**

Size "	Code	Price
1/4 x 1/8	MG245/01	1.97
3/8 x 1/8	MG245/02	1.97
3/8 x 1/4	MG245/03	1.97
1/2 x 1/4	MG245/04	1.97
1/2 x 3/8	MG245/05	1.97
3/4 x 1/4	MG245/06	2.69
3/4 x 3/8	MG245/07	2.69
3/4 x 1/2	MG245/08	2.69
1 x 1/2	MG245/11	3.64
1 x 3/4	MG245/12	3.64
11/4 x 1/2	MG245/13	5.96
11/4 x 3/4	MG245/14	5.96
11/4 x 1	MG245/15	5.96
11/2 x 3/4	MG245/16	7.55
11/2 x 1	MG245/17	7.55
11/2 x 11/4	MG245/18	7.55
2 x 1	MG245/19	11.08
2 x 11/4	MG245/20	11.08
2 x 11/2	MG245/21	11.08
21/2 x 11/2	MG245/22	19.92
2 1/2 x 2	MG245/23	19.92
3 x 2	MG245/24	34.31
3 x 2 1/2	MG245/25	34.31
4 x 3	MG245/26	60.11

**Hexagon Cap**

Size "	Code	Price
1/8	MG300/01	1.71
1/4	MG300/02	1.40
3/8	MG300/03	1.40
1/2	MG300/04	1.40
3/4	MG300/05	1.71
1	MG300/06	2.43
1 1/4	MG300/07	3.57
1 1/2	MG300/08	4.78
2	MG300/09	6.34
2 1/2	MG300/10	12.83
3	MG300/11	18.03
4	MG300/12	30.13

**Straight Union FxF**

Size "	Code	Price
1/4	MG340/02	7.55
3/8	MG340/03	7.55
1/2	MG340/04	7.55
3/4	MG340/05	9.60
1	MG340/06	11.08
1 1/4	MG340/07	15.07
1 1/2	MG340/08	19.92
2	MG340/09	30.13
2 1/2	MG340/10	50.25
3	MG340/11	84.89
4	MG340/12	160.26

**Round Cap**

Size "	Code	Price
1/4	MG301/02	1.40
3/8	MG301/03	1.40
1/2	MG301/04	1.40
3/4	MG301/05	1.71
1	MG301/06	2.43
1 1/4	MG301/07	3.57
1 1/2	MG301/08	4.78
2	MG301/09	6.34
2 1/2	MG301/10	12.83
3	MG301/11	18.03
4	MG301/12	30.13

**Straight Union MxF**

Size "	Code	Price
1/4	MG341/02	8.50
3/8	MG341/03	8.50
1/2	MG341/04	8.50
3/4	MG341/05	11.08
1	MG341/06	12.83
1 1/4	MG341/07	17.23
1 1/2	MG341/08	23.04
2	MG341/09	34.31
2 1/2	MG341/10	59.09
3	MG341/11	100.30
4	MG341/12	190.58

**Backnut**

Size "	Code	Price
1/2	MG310/04	1.21
3/4	MG310/05	1.21
1	MG310/06	1.59
1 1/4	MG310/07	1.33
1 1/2	MG310/08	2.85
2	MG310/09	4.06

**Barrel Pipe Nipple**

Size "	Code	Price
1/8 x 40 MM	MG600/04	2.43
1/8 x 60 MM	MG600/06	2.81
1/8 x 80 MM	MG600/08	3.57
1/8 x 100 MM	MG600/10	4.86
1/8 x 150 MM	MG600/15	7.40
1/4 x 40 MM	MG600/40	2.43
1/4 x 60 MM	MG600/60	3.15
1/4 x 80 MM	MG600/80	3.57
1/4 x 100 MM	MG601/00	4.97
1/4 x 150 MM	MG601/50	7.40
1/4 x 200 MM	MG602/00	8.96
3/8 x 40 MM	MG610/40	2.01
3/8 x 60 MM	MG610/60	2.81
3/8 x 80 MM	MG610/80	3.42
3/8 x 100 MM	MG611/00	4.86
3/8 x 150 MM	MG611/50	6.98
3/8 x 200 MM	MG612/00	8.27
1/2 x 40 MM	MG620/40	1.18
1/2 x 50 MM	MG620/50	2.01
1/2 x 60 MM	MG620/60	2.43

**Barrel Pipe Nipple Continued**

Size "	Code	Price
1/2 x 100 MM	MG621/00	3.57
1/2 x 120 MM	MG621/20	4.86
1/2 x 150 MM	MG621/50	5.69
1/2 x 180 MM	MG621/80	6.98
1/2 x 200 MM	MG622/00	7.55
1/2 x 250 MM	MG622/50	8.96
1/2 x 300 MM	MG623/00	10.66
1/2 x 400 MM	MG624/00	18.37
1/2 x 500 MM	MG625/00	23.49
1/2 x 600 MM	MG626/00	27.17
1/2 x 800 MM	MG628/00	37.00
1/2 x 1000 MM	MG629/00	45.27
1/2 x 1500 MM	MG629/01	69.18
1/2 x 2000 MM	MG629/02	89.37
3/4 x 40 MM	MG630/40	2.01
3/4 x 50 MM	MG630/50	1.44
3/4 x 60 MM	MG630/60	3.15
3/4 x 80 MM	MG630/80	3.57
3/4 x 100 MM	MG631/00	4.86
3/4 x 120 MM	MG631/20	5.28

**Barrel Pipe Nipple Continued**

Size "	Code	Price
3/4 x 180 MM	MG631/80	7.82
3/4 x 200 MM	MG632/00	8.69
3/4 x 250 MM	MG632/50	11.23
3/4 x 300 MM	MG633/00	13.09
3/4 x 400 MM	MG634/00	17.65
3/4 x 500 MM	MG635/00	28.46
3/4 x 600 MM	MG636/00	34.46
3/4 x 800 MM	MG638/00	45.27
3/4 x 1000 MM	MG639/00	56.93
3/4 x 1500 MM	MG639/01	85.96
3/4 x 2000 MM	MG639/02	114.99
1 x 30 mm	MG640/39	1.56
1 x 40 MM	MG640/40	2.01
1 x 50 MM	MG640/50	2.81
1 x 60 MM	MG640/60	2.81
1 x 80 MM	MG640/80	6.41
1 x 100 MM	MG641/00	7.70
1 x 120 MM	MG641/20	8.96
1 x 150 MM	MG641/50	11.23
1 x 180 MM	MG641/80	13.09
1 x 200 MM	MG642/00	14.80
1 x 250 MM	MG642/50	18.52
1 x 300 MM	MG643/00	22.92
1 x 400 MM	MG644/00	36.43
1 x 500 MM	MG645/00	45.27
1 x 600 MM	MG646/00	54.08
1 x 1000 MM	MG649/00	92.52
1 x 1500 MM	MG649/01	137.76
1 x 2000 MM	MG649/02	190.13
1 1/4 x 40 MM	MG650/40	3.15
1 1/4 x 60 MM	MG650/60	4.29
1 1/4 x 80 MM	MG650/80	5.69
1 1/4 x 100 MM	MG651/00	11.95
1 1/4 x 120 MM	MG651/20	14.38
1 1/4 x 150 MM	MG651/50	17.65
1 1/4 x 180 MM	MG651/80	21.63
1 1/4 x 200 MM	MG652/00	23.64
1 1/4 x 250 MM	MG652/50	29.60
1 1/4 x 300 MM	MG653/00	36.43
1 1/4 x 400 MM	MG654/00	47.82
1 1/4 x 500 MM	MG655/00	63.49
1 1/4 x 1000 MM	MG659/00	119.54
1 1/4 x 2000 MM	MG659/02	239.09
1 1/2 x 40 MM	MG660/40	3.42
1 1/2 x 60 MM	MG660/60	5.12

**Barrel Pipe Nipple Continued**

Size "	Code	Price
1 1/2 x 80 MM	MG660/80	6.41
1 1/2 x 100 MM	MG661/00	14.65
1 1/2 x 120 MM	MG661/20	17.49
1 1/2 x 150 MM	MG661/50	21.63
1 1/2 x 200 MM	MG662/00	28.46
1 1/2 x 250 MM	MG662/50	36.43
1 1/2 x 300 MM	MG663/00	43.26
1 1/2 x 400 MM	MG664/00	57.23
1 1/2 x 1500 MM	MG669/01	161.10
1 1/2 x 2000 MM	MG669/02	219.46
2 x 40 MM	MG670/40	4.86
2 x 60 MM	MG670/60	6.41
2 x 80 MM	MG670/80	8.96
2 x 100 MM	MG671/00	10.66
2 x 120 MM	MG671/20	13.09
2 x 150 MM	MG671/50	27.74
2 x 180 MM	MG671/80	33.59
2 x 200 MM	MG672/00	37.00
2 x 250 MM	MG672/50	46.68
2 x 300 MM	MG673/00	54.65
2 x 500 MM	MG675/00	92.52
2 x 1000 MM	MG676/01	185.58
2 x 1500 MM	MG676/02	228.27
2 1/2 x 60 MM	MG680/60	9.41
2 1/2 x 80 MM	MG680/80	12.26
2 1/2 x 100 MM	MG681/00	15.10
2 1/2 x 150 MM	MG681/50	23.49
2 1/2 x 180 MM	MG681/80	35.29
2 1/2 x 200 MM	MG682/00	54.08
2 1/2 x 300 MM	MG683/00	81.40
3 x 60 MM	MG690/60	11.95
3 x 80 MM	MG690/80	15.10
3 x 100 MM	MG691/00	19.20
3 x 120 MM	MG691/20	23.49
3 x 150 MM	MG691/50	28.46
3 x 200 MM	MG692/00	68.04
3 x 250 MM	MG692/50	84.55
3 x 300 MM	MG693/00	101.06
4 x 60 MM	MG700/60	15.94
4 x 100 MM	MG701/00	26.75
4 x 150 MM	MG701/50	39.58
4 x 200 MM	MG702/00	53.51
4 x 250 MM	MG702/50	116.13
4 x 300 MM	MG703/00	140.34

# Black Iron Malleable Fittings

## 90° Elbow FxF



Size "	Code	Price
1/2	MI90/04	1.78
3/4	MI90/05	2.58
1	MI90/06	4.01
11/4	MI90/07	5.93
11/2	MI90/08	7.75
2	MI90/09	11.51
3	MI90/11	11.51
4	MI90/12	11.51

## Equal Tee FxFxF



Size "	Code	Price
1/2	MI130/04	2.29
3/4	MI130/05	3.30
1	MI130/06	5.03
11/4	MI130/07	7.60
11/2	MI130/08	9.59
2	MI130/09	14.32
3	MI130/11	14.32
4	MI130/12	14.32

## Reducing Nipple M x M



Size "	Code	Price
3/4 x 1/2	MI245/09	2.53
1 x 1/2	MI245/10	3.52
1 x 3/4	MI245/11	3.52
11/4 x 1	MI245/14	3.52

## Straight Union MxF



Size "	Code	Price
1/2	MI341/04	7.31
3/4	MI341/05	9.17
1	MI341/06	10.61
11/4	MI341/07	14.32
11/2	MI341/08	19.20
2	MI341/09	28.79

## Straight Union FxF



Size "	Code	Price
1/2	MI340/04	7.31
3/4	MI340/05	9.17
1	MI340/06	10.61
11/4	MI340/07	14.32
11/2	MI340/08	19.20
2	MI340/09	28.79

## 90° Elbow MxF



Size "	Code	Price
1/2	MI92/04	1.94
3/4	MI92/05	2.82
1	MI92/06	4.25
11/4	MI92/07	7.31
11/2	MI92/08	8.96
2	MI92/09	12.46

## Socket FxF



Size "	Code	Price
1/4	MI270/02	1.44
3/8	MI270/03	1.44
1/2	MI270/04	1.44
3/4	MI270/05	1.87
1	MI270/06	3.23
11/4	MI270/07	4.44
11/2	MI270/08	5.29
2	MI270/09	8.11
21/2	MI270/10	21.20
3	MI270/11	21.20

## Equal Tee FxFxF



Size "	Code	Price
1/2	MI130/04	2.29
3/4	MI130/05	3.30
1	MI130/06	5.03
11/4	MI130/07	7.60
11/2	MI130/08	9.59
2	MI130/09	14.32
3	MI130/11	14.32
4	MI130/12	14.32

## Nipples MxM



Size "	Code	Price
1/2	MI280/04	1.44
3/4	MI280/05	1.94
1	MI280/06	2.72
11/4	MI280/07	4.10
11/2	MI280/08	5.45
2	MI280/09	7.60
21/2	MI280/10	21.20
3	MI280/11	21.20

## Reducing Bush MxF



Size "	Code	Price
3/4 x 1/2	MI241/09	1.64
1 x 1/2	MI241/12	2.53
1 x 3/4	MI241/13	2.53
11/4 x 1	MI241/17	4.01
11/2 x 1	MI241/21	4.59
11/2 x 11/4	MI241/22	4.59
2 x 1	MI241/25	6.33
2 x 11/2	MI241/27	6.33

## Hexagon Cap



Size "	Code	Price
1/2	MI300/04	1.33
3/4	MI300/05	1.64
1	MI300/06	2.43
11/4	MI300/07	3.45
11/2	MI300/08	4.50
2	MI300/09	6.22

## Plug



Size "	Code	Price
1/2	MI291/04	1.15
3/4	MI291/05	1.44
1	MI291/06	1.94
11/4	MI291/07	3.09
11/2	MI291/08	3.45
2	MI291/09	4.90

## Barrel Nipple M x M



Size "	Code	Price
1/2	MIBN/04	1.58
3/4	MIBN/05	1.58
1	MIBN/06	2.72
3	MIBN/11	15.31

**Steel Weldable Socket Female Thread**

Size mm	Code	Price
1/8"	BIW270/01	1.90
1/4"	BIW270/02	1.15
3/8"	BIW270/03	0.82
1/2"	BIW270/04	0.73
3/4"	BIW270/05	0.92
1"	BIW270/06	1.77
1 1/4"	BIW270/07	2.66
1 1/2"	BIW270/08	3.04
2"	BIW270/09	4.24
2 1/2"	BIW270/10	6.83
3"	BIW270/11	8.48
4"	BIW270/12	14.42
5"	BIW270/13	23.78
6"	BIW270/14	27.70

**Half Weld Socket Female Thread**

Size mm	Code	Price
1/2"	BIW 270A/04	0.48
3/4"	BIW 270A/05	0.65
1"	BIW 270A/06	1.15
1 1/4"	BIW 270A/07	1.90
1 1/2"	BIW 270A/08	2.40
2"	BIW 270A/09	3.29
2 1/2"	BIW 270A/10	5.19
3"	BIW 270A/11	5.95
4"	BIW 270A/12	11.57

**Steel Weldable Nipple Male Thread**

Size mm	Code	Price
1/2"	BIW 280/04	0.32
3/4"	BIW 280/05	0.48
1"	BIW 280/06	0.73
1 1/4"	BIW 280/07	0.92
1 1/2"	BIW 280/08	1.39
2"	BIW 280/09	1.96
2 1/2"	BIW 280/10	3.29
3"	BIW 280/11	4.30

# Stainless Steel 316 Fittings

## 90° Elbow FxF



Size "	Code	Price
1/8	SS90/01	1.78
1/4	SS90/02	2.03
3/8	SS90/03	2.61
1/2	SS90/04	3.48
3/4	SS90/05	5.12
1	SS90/06	7.84
1 1/4	SS90/07	11.43
1 1/2	SS90/08	15.79
2	SS90/09	24.18
2 1/2	SS90/10	45.52
3	SS90/11	71.22
4	SS90/12	88.52

## 90° Elbow MxF



Size "	Code	Price
1/8	SS92/01	2.29
1/4	SS92/02	3.05
3/8	SS92/03	3.27
1/2	SS92/04	4.14
3/4	SS92/05	5.66
1	SS92/06	8.82
1 1/4	SS92/07	12.31
1 1/2	SS92/08	16.66
2	SS92/09	24.83
2 1/2	SS92/10	34.51
3	SS92/11	79.06
4	SS92/12	135.91

## Elbow 45 Degree FxF



Size "	Code	Price
1/4	SS120/02	3.27
3/8	SS120/03	3.27
1/2	SS120/04	4.25
3/4	SS120/05	5.55
1	SS120/06	7.84
1 1/4	SS120/07	11.54
1 1/2	SS120/08	15.35
2	SS120/09	22.87

## Union Elbow FxF



Size "	Code	Price
3/8	SS96/03	8.31
1/2	SS96/04	16.44
3/4	SS96/05	23.09
1	SS96/06	35.07
1 1/4	SS96/07	55.76
1 1/2	SS96/08	73.40
2	SS96/09	89.08
2 1/2	SS96/10	55.54
3	SS96/11	95.29

## Elbow 45 Degree MxF



Size "	Code	Price
3/8	SS121/03	4.14
1/2	SS121/04	5.34
3/4	SS121/05	7.19
1	SS121/06	10.78
1 1/4	SS121/07	18.30
1 1/2	SS121/08	22.22
2	SS121/09	35.28

## Cross FxFxFxF



Size "	Code	Price
1/4	SS180/02	4.14
3/8	SS180/03	4.90
1/2	SS180/04	6.97
3/4	SS180/05	10.78
1	SS180/06	15.03
1 1/4	SS180/07	26.57
1 1/2	SS180/08	27.66
2	SS180/09	40.51
2 1/2	SS180/10	39.42
3	SS180/11	66.39
4	SS180/12	108.46

## Equal Tee FxFxF



Size "	Code	Price
1/4	SS130/02	2.83
3/8	SS130/03	3.27
1/2	SS130/04	4.79
3/4	SS130/05	7.19
1	SS130/06	9.26
1 1/4	SS130/07	15.79
1 1/2	SS130/08	21.34
2	SS130/09	32.23
2 1/2	SS130/10	58.81
3	SS130/11	88.21
4	SS130/12	169.67

## Backnut



Size "	Code	Price
3/8	SS310/03	1.71
1/2	SS310/04	1.78
3/4	SS310/05	2.18
1	SS310/06	2.83
1 1/4	SS310/07	4.03
1 1/2	SS310/08	5.55
2	SS310/09	8.28

**Reduced Socket FxF**

Size "	Code	Price
1/8 x 1/4	SS240/01	1.92
3/8 x 1/4	SS240/02	2.61
1/2 x 1/8	SS240/02A	3.59
1/2 x 1/4	SS240/03	3.27
1/2 x 3/8	SS240/04	3.38
3/4 x 1/4	SS240/05	4.25
3/4 x 3/8	SS240/06	4.36
3/4 x 1/2	SS240/07	4.79
1 x 1/2	SS240/09	6.53
1 x 3/4	SS240/10	6.53
11/4 x 1/2	SS240/11	6.97
11/4 x 3/4	SS240/12	8.49
11/4 x 1	SS240/13	9.47
11/2 x 1/2	SS240/13A	8.87
11/2 x 3/4	SS240/14	10.89
11/2 x 1	SS240/15	11.65
11/2 x 11/4	SS240/16	12.41
2 x 1/2	SS240/16A	7.80
2 x 3/4	SS240/17	18.82
2 x 1	SS240/18	16.55
2 x 11/4	SS240/19	16.55
2 x 11/2	SS240/20	17.75
21/2 x 11/2	SS240/25	24.83
21/2 x 2	SS240/26	27.66
3 x 11/2	SS240/27	21.05
3 x 2	SS240/28	36.81
3 x 21/2	SS240/29	36.81
4 x 3	SS240/32	89.73

**Reducing Bush MxF**

Size "	Code	Price
1/4 x 1/8	SS241/01	1.71
3/8 x 1/8	SS241/02	1.78
3/8 x 1/4	SS241/03	1.78
1/2 x 1/8	SS241/04	2.83
1/2 x 1/4	SS241/05	2.29
1/2 x 3/8	SS241/06	2.11
3/4 x 1/4	SS241/07	3.59
3/4 x 3/8	SS241/08	3.59
3/4 x 1/2	SS241/09	3.27
1 x 1/4	SS241/10	5.66
1 x 3/8	SS241/11	5.55
1 x 1/2	SS241/12	5.23
1 x 3/4	SS241/13	5.01
11/4 x 3/8	SS241/14	3.45
11/4 x 1/2	SS241/15	8.28
11/4 x 3/4	SS241/16	8.49
11/4 x 1	SS241/17	7.62
11/2 x 3/8	SS241/18	4.01
11/2 x 1/2	SS241/19	10.13
11/2 x 3/4	SS241/20	10.45
11/2 x 1	SS241/21	10.13
11/2 x 11/4	SS241/22	8.28
2 x 1/2	SS241/23	17.64
2 x 3/4	SS241/24	17.64
2 x 1	SS241/25	16.88
2 x 11/4	SS241/26	17.53
2 x 11/2	SS241/27	14.70
21/2 x 1	SS241/28	28.53
21/2 x 11/4	SS241/29	9.98
21/2 x 11/2	SS241/30	28.53
21/2 x 2	SS241/31	25.26
3 x 1	SS241/32	31.00
3 x 11/4	SS241/33	28.79
3 x 11/2	SS241/34	39.86
3 x 2	SS241/35	38.55
3 x 21/2	SS241/39	35.94
4 x 2	SS241/36	70.13
4 x 21/2	SS241/37	46.49
4 x 3	SS241/38	59.68

**Reducing Nipple M x M**

Size "	Code	Price
1/4 x 1/8	SS245/01	1.78
3/8 x 1/8	SS245/02	2.03
3/8 x 1/4	SS245/03	2.11
1/2 x 1/4	SS245/04	3.05
1/2 x 1/4	SS245/05	2.61
1/2 x 3/8	SS245/06	2.61
3/4 x 1/4	SS245/07	4.14
3/4 x 3/8	SS245/08	3.59
3/4 x 1/2	SS245/09	4.36
1 X 3/8	SS245/09A	5.55
1 x 1/2	SS245/10	6.10
1 x 3/4	SS245/11	5.66
11/4 x 1/2	SS245/12	7.51
11/4 x 3/4	SS245/13	7.41
11/4 x 1	SS245/14	8.60
11/2 x 3/4	SS245/15	9.58
11/2 x 1	SS245/16	10.45
11/2 x 11/4	SS245/17	10.45
2 x 1	SS245/18	15.35
2 x 11/4	SS245/19	14.27
2 x 11/2	SS245/20	16.01
21/2 x 2	SS245/22	26.35
3 x 2	SS245/21	38.33
3 x 21/2	SS245/23	38.33

**Pipe Nipple MxM**

Size "	Code	Price
1/4 x 40mm	SSPN/401	1.60
3/8 x 40mm	SSPN/402	1.89
1/2 x 60m	SSPN/403	2.61
1/2 x 80mm	SSPN/412	6.53
1/2 x 100mm	SSPN/417	7.62
1/2 x 150mm	SSPN/554	10.45
1/2 x 200mm	SSPN/555	13.50
1/2 x 300mm	SSPN/556	18.84
3/4 x 60mm	SSPN/404	3.05
1 x 60mm	SSPN/405	4.14
11/4 x 80mm	SSPN/406	6.53
11/2 x 80mm	SSPN/407	7.51
2 x 100mm	SSPN/408	12.09
21/2 x 100mm	SSPN/409	18.62
3 x 120mm	SSPN/410	25.48
4 x 120mm	SSPN/411	40.29

**Plug**

Size "	Code	Price
1/8	SS290/01	1.71
1/4	SS290/02	1.71
3/8	SS290/03	2.11
1/2	SS290/04	2.18
3/4	SS290/05	3.27
1	SS290/06	5.12
1 1/4	SS290/07	6.97
1 1/2	SS290/08	8.82
2	SS290/09	13.39
2 1/2	SS290/10	21.02
3	SS290/11	34.19
4	SS290/12	51.18

**Socket FxF**

Size "	Code	Price
1/8	SS270/01	2.18
1/4	SS270/02	2.40
3/8	SS270/03	2.61
1/2	SS270/04	3.27
3/4	SS270/05	4.36
1	SS270/06	5.34
1 1/4	SS270/07	8.93
1 1/2	SS270/08	10.56
2	SS270/09	15.35
2 1/2	SS270/10	28.53
3	SS270/11	35.94
4	SS270/12	57.72

**Straight Union MxF**

Size "	Code	Price
1/4	SS341/02	7.73
3/8	SS341/03	6.64
1/2	SS341/04	11.54
3/4	SS341/05	17.32
1	SS341/06	26.14
1 1/4	SS341/07	36.81
1 1/2	SS341/08	47.48
2	SS341/09	71.22
2 1/2	SS341/10	55.33
3	SS341/11	86.78
4	SS341/12	166.38

**Straight Union FxF**

Size "	Code	Price
1/4	SS340/02	7.30
3/8	SS340/03	8.82
1/2	SS340/04	9.26
3/4	SS340/05	12.96
1	SS340/06	17.97
1 1/4	SS340/07	25.92
1 1/2	SS340/08	30.06
2	SS340/09	45.52
2 1/2	SS340/10	70.13
3	SS340/11	99.97
4	SS340/12	148.54

**Hexagon Cap**

Size "	Code	Price
1/8	SS300/01	2.03
1/4	SS300/02	2.18
3/8	SS300/03	2.18
1/2	SS300/04	3.05
3/4	SS300/05	4.03
1	SS300/06	5.99
1 1/4	SS300/07	8.60
1 1/2	SS300/08	10.13
2	SS300/09	14.92
2 1/2	SS300/10	22.87
3	SS300/11	33.76
4	SS300/12	57.72

**Nipples MxM**

Size "	Code	Price
1/8	SS280/01	1.78
1/4	SS280/02	1.78
3/8	SS280/03	2.03
1/2	SS280/04	2.83
3/4	SS280/05	3.81
1	SS280/06	5.55
1 1/4	SS280/07	8.28
1 1/2	SS280/08	9.58
2	SS280/09	14.05
2 1/2	SS280/10	24.18
3	SS280/11	36.59
4	SS280/12	43.08

# Brass Threaded Fittings

## Bend 90 Degree MxF



Size "	Code	Price
1/2	BF1A/04	14.25
3/4	BF1A/05	20.16
1	BF1A/06	29.77
1 1/4	BF1A/07	50.65
1 1/2	BF1A/08	62.63
2	BF1A/12	97.84

## 90° Elbow MxF



Size "	Code	Price
1/4	BF92/02	2.01
3/8	BF92/03	3.63
1/2	BF92/04	3.10
3/4	BF92/05	6.80
1	BF92/06	8.25
1 1/4	BF92/07	17.06
1 1/2	BF92/08	23.06
2	BF92/09	31.22

## Bend 90 Degree FxF



Size "	Code	Price
1/2	BF2A/04	14.71
3/4	BF2A/05	20.69
1	BF2A/06	31.22
1 1/4	BF2A/07	54.45
1 1/2	BF2A/08	65.70
2	BF2A/09	103.46

## Union Elbow FxF



Size "	Code	Price
1/2	BF96/04	27.95
1	BF96/06	49.56
1 1/4	BF96/07	70.62
1 1/2	BF96/08	80.59
2	BF96/09	118.17

## 90° Elbow FxF



Size "	Code	Price
1/4	BF90/02	1.58
3/8	BF90/03	3.10
1/2	BF90/04	3.27
3/4	BF90/05	5.28
1	BF90/06	7.99
1 1/4	BF90/07	15.51
1 1/2	BF90/08	18.88
2	BF90/09	28.87

## Union Elbow MxF



Size "	Code	Price
3/4	BF98/05	37.03
1	BF98/06	54.28
1 1/4	BF98/07	78.05
1 1/2	BF98/08	90.22
2	BF98/09	128.50

## Elbow 45 Degree MxF



Size "	Code	Price
1/2	BF121/04	14.25
3/4	BF121/05	20.16
1	BF121/06	29.77
1 1/4	BF121/07	50.65
1 1/2	BF121/08	62.63
2	BF121/09	97.84

## Elbow 45 Degree FxF



Size "	Code	Price
1/2	BF120/04	8.62
3/4	BF120/05	10.26
1	BF120/06	15.25
1 1/4	BF120/07	20.69
1 1/2	BF120/08	24.88
2	BF120/09	37.03

## Equal Tee FxFxF



Size "	Code	Price
1/4	BF130/02	1.82
3/8	BF130/03	2.37
1/2	BF130/04	4.36
3/4	BF130/05	8.25
1	BF130/06	9.34
1 1/4	BF130/07	20.69
1 1/2	BF130/08	24.88
2	BF130/09	34.85
3	BF130/11	164.63
4	BF130/12	279.51

## Cross FxFxFxF



Size "	Code	Price
3/8	BF180/03	10.43
1/2	BF180/04	6.80
3/4	BF180/05	10.26
1	BF180/06	12.90
1 1/4	BF180/07	42.47
1 1/2	BF180/08	51.01
2	BF180/09	82.04

**Reducing Bush MxF**

Size "	Code	Price
1/4 x 1/8	BF241/01	0.56
3/8 x 1/8	BF241/02	1.06
3/8 x 1/4	BF241/03	1.06
1/2 x 1/8	BF241/04	1.72
1/2 x 1/4	BF241/05	1.65
1/2 x 3/8	BF241/06	1.50
3/4 x 1/4	BF241/07	2.49
3/4 x 3/8	BF241/08	3.10
3/4 x 1/2	BF241/09	2.37
1 x 1/4	BF241/10	3.73
1 x 3/4	BF241/13	4.09
1 1/4 x 3/4	BF241/16	8.71
1 1/4 x 1	BF241/17	6.80
1 1/2 x 1	BF241/21	10.26
1 1/2 x 11/4	BF241/22	6.80
2 x 3/4	BF241/24	18.34
2 x 1	BF241/25	17.33
2 x 11/4	BF241/26	14.62
2 x 11/2	BF241/27	13.07
2 1/2 x 11/2	BF241/30	57.55
2 1/2 x 2	BF241/31	45.74
3 x 1	BF241/33	93.85
3 x 2	BF241/35	93.85
3 x 2 1/2	BF241/39	76.96

**Reduced Socket FxF**

Size "	Code	Price
3/8 x 1/4	BF240/02	1.65
1/2 x 1/4	BF240/03	2.54
1/2 x 3/8	BF240/04	1.82
3/4 x 1/4	BF240/05	3.99
3/4 x 3/8	BF240/06	6.27
3/4 x 1/2	BF240/07	9.63
1 x 1/2	BF240/09	11.98
1 x 3/4	BF240/10	13.07
1 1/4 x 1	BF240/13	16.43
1 1/2 x 1	BF240/15	11.98
1 1/2 x 11/4	BF240/16	13.07
2 1/2 x 11/2	BF240/20	16.43

**Nipple Socket**

Size "	Code	Price
1/2 x 1/4	BF246/05	2.08
1/2 x 3/8	BF246/06	2.08
3/4 x 3/8	BF246/08	2.37
3/4 x 1/2	BF246/09	2.08
1 x 1/2	BF246/10	5.45
1 x 3/4	BF246/11	8.62
1 1/4 x 1	BF246/14	8.25

**Socket FxF**

Size "	Code	Price
1/4	BF270/02	1.62
3/8	BF270/03	2.54
1/2	BF270/04	4.48
3/4	BF270/05	4.96
1	BF270/06	7.74
1 1/4	BF270/07	12.10
1 1/2	BF270/08	16.94
2	BF270/09	33.15

**Nipples MxM**

Size "	Code	Price
1/8	BF280/01	1.16
1/4	BF280/02	0.97
3/8	BF280/03	2.37
1/2	BF280/04	2.44
3/4	BF280/05	3.63
1	BF280/06	3.73
1 1/4	BF280/07	7.16
1 1/2	BF280/08	11.35
2	BF280/09	20.33
2 1/2	BF280/10	61.35
3	BF280/11	81.51

**Straight Union MxF**

Size "	Code	Price
1/2	BF341/04	9.53
3/4	BF341/05	13.16
1	BF341/06	18.88
1 1/4	BF341/07	29.04
1 1/2	BF341/08	38.12
2	BF341/09	54.64

**Straight Union FxF**

Size "	Code	Price
1/2	BF340/04	21.78
3/4	BF340/05	24.15
1	BF340/06	16.24
1 1/4	BF340/07	42.66
1 1/2	BF340/08	53.00
2	BF340/09	79.33

**Hexagon Cap**

Size "	Code	Price
1/8	BF300/01	1.06
1/4	BF300/02	1.06
3/8	BF300/03	1.16
1/2	BF300/04	1.50
3/4	BF300/05	1.82
1	BF300/06	2.73
1 1/4	BF300/07	5.54
1 1/2	BF300/08	7.99
2	BF300/09	17.98

**Plug**

Size "	Code	Price
1/8	BF290/01	0.56
1/4	BF290/02	0.99
3/8	BF290/03	1.21
1/2	BF290/04	1.72
3/4	BF290/05	2.08
1	BF290/06	3.63
1 1/4	BF290/07	5.28
1 1/2	BF290/08	6.73
2	BF290/09	10.53

**Backnut**

Size "	Code	Price
1/2	BF310/04	1.06
3/4	BF310/05	1.21
1	BF310/06	1.72
1 1/4	BF310/07	4.99
1 1/2	BF310/08	7.09
2	BF310/09	13.33

# Plumbing

## Straight Coupler C x C



Size mm	Code	Price
8	410077	2.51
10	410088	2.54
15	410001	2.92
22	410002	5.12
28	410003	8.69
35	410004	15.22
42	410005	22.13
10 x 8	410087	3.91
15 x 8	410017	3.38
15 x 10	410018	3.49
15 x 12	410019	4.25
22 x 15	410021	5.28
28 x 22	410032	8.50

## Straight Coupler C x F.I



Size mm x "	Code	Price
8 x 1/4	412077	3.15
8 x 3/8	412079	3.83
10 x 1/4	412087	3.15
10 x 1/2	412081	4.71
10 x 3/8	412089	3.91
15 x 3/8	412019	3.99
15 x 1/2	412001	2.81
15 x 3/4	412012	4.29
22 x 1/2	412021	9.68
22 x 3/4	412002	4.90
22 x 1/2	412023	6.15
28 x 3/4	412032	15.87
28 x 1	412003	7.63
35 x 11/4	412004	21.33
42 x 11/2	412005	27.75
54 x 2	412006	29.11

## Straight Coupler C x M.I



Size mm x "	Code	Price
8 x 1/4	411077	2.28
8 x 3/8	411079	2.81
10 x 1/4	411087	2.13
10 x 3/8	411089	2.39
10 x 1/2	411081	3.72
15 x 3/8	411019	3.99
15 x 1/2	411001	2.51
15 x 3/4	411012	4.14
22 x 1/2	411021	9.83
22 x 3/4	411002	4.71
22 x 1	411023	5.88
28 x 3/4	411032	8.50
28 x 1	411003	7.06
35 x 11/4	411004	16.47
42 x 11/2	411005	29.04
54 x 2	411006	32.91

## Straight Swivel Coupler C x F.I



Size mm	Code	Price
15 x 1/2	414001	4.21

## Elbow C x C



Size mm	Code	Price
8	415077	2.96
10	415088	3.07
15	415001	3.30
22	415002	5.92
28	415003	10.29
35	415004	20.23
42	415005	37.12
54	415006	45.78
22 x 15	415021	12.07

## Wall Plate Elbow C x F.I



Size mm x "	Code	Price
15 x 1/2	419001	5.92
22 x 1/2	419021	8.58

## Wall Plate Elbow F.I x C



Size mm x "	Code	Price
22 x 3/4	421002	19.70

## Tee C x C x F.I



Size mm x "	Code	Price
15 x 15 x 1/2	430001	9.64
22 x 22 x 3/4	430002	17.20

## Equal Tees C x C x C



Size mm	Code	Price
8	418777	4.14
10	418888	4.74
15	418001	4.78
22	418002	9.19
28	418003	15.87
35	418004	18.71
42	418005	33.52
54	418006	44.49

**Elbow C x M.I**

Size mm x "	Code	Price
8 x 1/4	416077	4.78
10 x 1/4	416087	4.86
10 x 3/8	416089	6.38
10 x 1/2	416081	7.02
15 x 3/8	416019	6.38
15 x 1/2	416001	3.42
15 x 3/4	416012	7.48
22 x 1/2	416021	10.21
22 x 3/4	416002	6.07
22 x 1	416023	7.63
28 x 3/4	416032	15.79
28 x 1	416003	11.12
35 x 11/4	416004	17.46
42 x 11/2	416005	37.92

**Elbow C x F.I**

Size mm x "	Code	Price
8 x 1/4	417077	5.73
8 x 3/8	417079	5.88
10 x 3/8	417089	6.38
15 x 3/8	417019	6.38
15 x 1/2	417001	3.99
22 x 1/2	417021	15.18
22 x 3/4	417002	6.45
28 x 3/4	417032	15.79
28 x 1	417003	11.12
35 x 11/4	417004	16.36
42 x 11/2	417005	36.17

**Reducing Set**

Size mm	Code	Price
15 x 8	448017	2.81
15 x 10	448018	2.66
15 x 12	448019	3.49
22 x 15	448021	1.63
28 x 15	448031	7.06
28 x 22	448032	7.14
35 x 15	448041	9.22
35 x 22	448042	11.39
35 x 28	448043	10.89

**Swivel Elbow**

Size mm x "	Code	Price
15 x 1/2	427001	5.39

**Elbow F.I x Poly**

Size mm x "	Code	Price
15 x 3/4	417012	7.67
22 x 1	417023	9.57

**Flanged Tank Connector with Backnut**

Size mm	Code	Price
15	450001	4.93
22	450002	8.20
28	450003	11.39
35	450004	17.76
42	450005	23.46

**Reducing Tees C x C x C**

Size mm	Code	Price
15 x 15 x 22	418112	10.63
22 x 15 x 15	418211	9.79
22 x 15 x 22	418212	8.77
22 x 22 x 15	418221	8.50
28 x 15 x 28	418313	23.46
28 x 28 x 15	418331	17.99
28 x 22 x 22	418322	22.51
28 x 22 x 28	418323	29.65
28 x 28 x 22	418332	18.11

**Stop End**

Size mm	Code	Price
8	451007	2.32
10	451008	2.39
12	451001	4.93
15	451002	8.20
22	451003	11.39
28	451004	17.76

**Brass Y Strainer**

Size	Code	Price
15mm C x C	771952	11.88
22mm C x C	771950	13.50

**Compression Nut**

Size mm	Code	Price
10	478008	1.71
15	478001	1.71
22	478002	2.32
28	478003	4.55

**Compression Ring**

Size mm	Code	Price
8	479007	0.53
10	479008	0.46
15	479001	0.49
22	479002	0.65
28	479003	0.72
35	479004	2.16
42	479005	3.68
54	479006	3.76

**Elbow with Combined M.T Plug C x C**

Size mm x "	Code	Price
22 x 3/4	471002	16.70
28 x 1	471003	33.25

**C x C Spring Loaded Non-Return Valves**

Size mm	Code	Price
15	771940	6.38
22	771941	14.50
28	771942	20.42

**Self Tapping Saddles - Plastic Banjo and Top Cap**

Branch Pipe	Main Pipe	Code	Price
20mm (1/2")	63mm	542701	103.13
25mm (1/2")	63mm	542702	109.17
32mm (1")	63mm	542703	163.41
25mm (3/4")	90mm	542705	114.10
32mm (1")	90mm	542706	126.36
25mm (1/2")	110mm	542708	112.58
32mm (1")	110mm	542709	122.68
32mm (1")	160mm	542712	150.05
32mm (1")	180mm	542715	126.55

# Gauges

**Glycerine Filled - Bottom Entry**

Range	Code	Price
0-2 Bar (30psi)	76-05-02	28.60
0-4 Bar (60psi)	76-05-04	28.60
0-7 Bar (100psi)	76-05-07	28.60
0-11 Bar (160psi)	76-05-11	28.60
0-14 Bar (200psi)	76-05-14	28.60

**Glycerine Filled - Rear Entry**

Range	Code	Price
0-7 Bar (100psi)	76-07-07	28.60
0-11 Bar (160psi)	76-07-11	28.60

# Valves and Metal Fittings

## Gate Valve Heavy Model



Size "	Max. Pres	Code	Price
1/2	16	28-00-12	8.47
3/4	16	28-00-19	13.35
1	16	28-00-25	19.27
1 1/4	16	28-00-32	26.48
1 1/2	16	28-00-40	36.76
2	16	28-00-50	59.88
2 1/2	16	28-00-63	113.23
3	16	28-00-75	209.22
4	16	28-00-99	339.77

## Full Bore Lever Ball Valve



Size "	Max. Pres	Code	Price
1/2	30	29-10-12	9.21
3/4	30	29-10-19	9.98
1	30	29-10-25	18.03
1 1/4	25	29-10-32	22.87
1 1/2	25	29-10-40	32.02
2	20	29-10-50	43.07
2 1/2	16	29-30-64	124.53
3	16	29-30-75	140.63
4	16	29-30-99	285.12

## Full Bore Lever Ball Valve - Stainless Steel



Size "	Max. Pres	Code	Price
1/4	40	29-10-02-SS	19.77
1/2	40	29-10-12-SS	28.18
3/4	40	29-10-19-SS	33.99
1	40	29-10-25-SS	47.92
1 1/4	40	29-10-32-SS	74.25
1 1/2	40	29-10-40-SS	88.77
2	40	29-10-50-SS	131.14

## Spring Non Return / Check Valve Brass Check



Size "	Max . Pres	Code	Price
3/8	40	27-00-09	11.40
1/2	40	27-00-12	11.79
3/4	40	27-00-19	15.65
1	30	27-00-25	21.62
1 1/4	30	27-00-32	33.98
1 1/2	25	27-00-40	44.61
2	25	27-00-50	69.32
2 1/2	16	27-00-63	159.07
3	16	27-00-75	237.45
4	16	27-00-99	389.96

## Spring Non Return / Check Valve NBR Check



Size "	Max . Pres	Code	Price
1/2	40	27-05-12	12.26
3/4	40	27-05-19	13.12
1	30	27-05-25	15.66
1 1/4	30	27-05-32	23.71
1 1/2	25	27-05-40	32.18
2	25	27-05-50	47.90

**Swing Check Valve**

Size "	Max . Pres	Code	Price
1/2	12	27-90-12	8.87
3/4	12	27-90-19	12.72
1	12	27-90-25	16.79
1 1/4	10	27-90-32	21.63
1 1/2	10	27-90-40	34.68
2	10	27-90-50	36.89
2 1/2	8	27-90-64	130.44
3	8	27-90-75	246.74
4	8	27-90-99	398.28

**Double Check Valve**

Size "	Code	Price
1/2	27-70-12	32.43
3/4	27-70-19	61.42
1	27-70-25	87.20

**Pressure Relief Valve**

Size "	Code	Price
3/8	27-50-10	47.91
1/2	27-50-12	54.14
3/4	27-50-19	75.74
1	27-50-25	100.92
1 1/4	27-50-32	150.58
1 1/2	27-50-40	190.67
2	27-50-50	269.53
2 1/2	27-50-64	826.40
3	27-50-75	1017.97

**Brass Hose Union Bib Tap**

Size "	Code	Price
1/2	29-69-90	7.82
3/4	29-69-91	7.86

**Hose Pour Tap**

Size "	Code	Price
1/2	29-60-12	12.30
3/4	29-60-19	14.70
1	29-60-25	35.94

**Footvalve**

Size "	Code	Price
1/2	27-10-12	13.72
3/4	27-10-19	17.82
1	27-10-25	22.54
1 1/4	27-10-32	34.30
1 1/2	27-10-40	49.84
2	27-10-50	69.91
3	27-10-75	209.59
4	27-10-99	327.68

**Copper Float**

Size "	Code	Price
<b>Copper float with brass insert</b>		
4 1/2"	755312C	20.46
6"	755314C	40.59
8"	755316C	75.17

**Plastic Float**

Size "	Code	Price
<b>Plastic float with brass insert</b>		
4 1/2"	755312	1.19
6"	755314	7.63
8"	755316	22.28
10"	755317	28.96
12"	755318	38.46

**Strainer**

Size "	Code	Price
3/8	27-20-09	3.52
1/2	27-20-12	3.81
3/4	27-20-19	4.25
1	27-20-25	4.86
1 1/4	27-20-32	6.89
1 1/2	27-20-40	8.30
2	27-20-50	10.73
2 1/2	27-20-64	20.25
3	27-20-75	24.91
4	27-20-99	33.41

**Brass Y Strainer**

Size "	Code	Price
3/8	27-30-10	10.04
1/2	27-30-12	9.80
3/4	27-30-19	12.80
1	27-30-25	20.82
1 1/4	27-30-32	33.86
1 1/2	27-30-40	43.90
2	27-30-50	80.43
2 1/2	27-30-64	151.92
3	27-30-75	198.25
4	27-30-99	438.82

**HP BSS Ballvalve**

Description "	Code	Price
1/2" HP Part 1 with 8 3/4" Arm 2" Tail Brass Backnut	750013	9.37
1/2" HP Part 1 with 6" Arm Agri Valve 3" Tail	750310	11.68
1/2" HP Part 1 with 6" Arm Concrete Ballvalve 4" Tail	750311	16.14
1/2" HP Part 2	750015	9.64
1/2" LP Part 1	750113	13.00
1/2" HP 1 1/2" Tail 6" Arm Brass Backnut	750305	12.66
1/2" HP 1 1/2" Tail 6" Arm Plastic Backnut	750014	11.15
3/4" HP Part 1	750023	23.13
3/4" LP Part 1	750123	31.03
1" HP Part 1	750033	74.54
1 1/4" HP Part 1	750046	162.54
1 1/2" HP Part 1	750056	177.66
2" HP Part 1	750066	313.74
6" Arm	759001	3.56
8" Arm	758999	3.76
10" Arm	759000	4.89
4" Arm	759005	2.92

# Polypropylene Threaded Fittings

## Socket BSP Female x Female



Size "	Code	Price
1/2	00-20-00	2.00
3/4	00-20-20	2.01
1	00-20-50	2.19
1 1/4	00-20-60	3.26
1 1/2	00-20-80	4.19
2	00-21-20	4.49
3	00-21-50	14.24

## Tee BSP Female



Size "	Code	Price
1/2	00-41-00	2.76
3/4	00-41-10	3.14
1	00-41-20	3.37
1 1/4	00-41-25	4.69
1 1/2	00-41-30	6.22
2	00-42-00	8.76
3	00-42-75	31.43

## Reducing Socket BSP Female x Female



Size "	Code	Price
3/4 x 1/2	00-20-10	2.04
1 x 1/2	00-20-30	2.16
1 x 3/4	00-20-40	2.19
1 1/4 x 1	00-20-55	3.04
1 1/2 x 1	00-20-70	3.83
1 1/2 x 1 1/4	00-20-75	3.71
2 x 1	00-21-00	4.68
2 x 1 1/2	00-21-10	4.37

## Reducing Bush BSP Male x Female



Size "	Code	Price
1/2 x 1/4	00-22-50	2.86
3/4 x 1/2	00-23-10	1.98
1 x 1/2	00-23-18	2.15
1 x 3/4	00-23-20	2.15
1 1/4 x 3/4	00-23-33	2.42
1 1/4 x 1	00-23-35	2.42
1 1/2 x 1/2	00-23-40	2.61
1 1/2 x 3/4	00-23-50	2.61
1 1/2 x 1	00-23-60	2.61
1 1/2 x 1 1/4	00-23-65	2.61
2 x 1/2	00-23-70	3.60
2 x 3/4	00-23-80	3.60
2 x 1	00-23-90	3.60
2 x 1 1/4	00-23-95	3.60
2 x 1 1/2	00-24-10	3.60
3 x 2	00-25-00	8.11

## Elbow BSP Female x Male



Size "	Code	Price
1/2	00-30-10	2.30
3/4	00-30-20	2.49
1	00-30-30	2.76

## Reducing Bush BSP Female x Male



Size "	Code	Price
3/4 x 1/2	00-23-00	2.19
1 x 1/2	00-23-25	2.59
1 x 3/4	00-23-30	2.59
1 1/2 x 3/4	00-24-00	3.07
1 1/2 x 1	00-24-05	3.24
2 x 1	00-24-20	3.68
2 x 1 1/2	00-24-30	3.80

## Plug BSP Male



Size "	Code	Price
1/2	00-71-00	1.82
3/4	00-71-01	1.84
1	00-71-02	2.01
1 1/4	00-71-03	2.19
1 1/2	00-71-04	2.30
2	00-71-05	2.73
3	00-71-75	4.31

## Reducing Nipple BSP Male



Size "	Code	Price
3/4 x 1/2	00-50-05	1.81
1 x 1/2	00-51-10	2.15
1 x 3/4	00-51-15	2.15
1 1/4 x 3/4	00-51-20	2.38
1 1/4 x 1	00-51-25	2.38
1 1/2 x 3/4	00-51-29	2.44
1 1/2 x 1	00-51-30	2.44
1 1/2 x 1 1/4	00-51-35	2.44
2 x 1/2	00-51-38	2.84
2 x 1	00-51-40	2.84
2 x 1 1/2	00-51-50	2.84

**Cap BSP Female**

Size "	Code	Price
1/2	00-70-00	1.82
3/4	00-70-01	1.92
1	00-70-02	2.01
1 1/4	00-70-03	2.19
1 1/2	00-70-04	2.56
2	00-70-05	2.76
3	00-70-75	9.59

**Backnut BSP Female**

Size "	Code	Price
3/8	00-90-10	2.47
1/2	00-90-15	2.50
3/4	00-90-20	2.50
1	00-90-25	2.70
1 1/4	00-90-30	2.70
1 1/2	00-90-35	2.70
2	00-90-40	5.82

**Nipple BSP Male**

Size "	Code	Price
1/2	00-50-00	1.76
3/4	00-50-10	1.79
1	00-50-20	2.10
1 1/4	00-50-25	2.33
1 1/2	00-50-30	2.49
2	00-50-40	2.84
3	00-50-75	4.66

# Nylon Threaded Fittings

## Male Threaded Nipple



Size "	Code	Price
1/8	M1800	1.39
1/4 x 1/8	M1418	1.42
1/4	M1400	1.35
3/8 x 1/8	M3818	1.56
3/8 x 1/4	M3814	1.56
3/8	M3838	1.49
1/2 x 1/8	M1218	1.87
1/2 x 1/4	M1214	1.87
1/2 x 3/8	M1238	1.73
1/2	M1200	1.70
3/4 x 3/8	M3438	1.49
3/4 x 1/2	M3412	1.84
3/4	M3400	2.06
1	M1000	3.71
1 1/4	M1140	4.95
1 1/2	M1120	10.33
2	M2000	12.79

## Reducing Bush Male x Female Thread



Size "	Code	Price
3/8 x 1/8	RB3818	2.88
3/8 x 1/4	RB3814	2.88
1/2 x 1/4	RB1214	2.96
1/2 x 3/8	RB1238	5.13
3/4 x 1/8	RB3418	3.81
3/4 x 1/4	RB3414	3.50
3/4 x 3/8	RB3438	3.50
3/4 x 1/2	RB3412	3.50
1 x 1/2	RB10012	5.99
1 x 3/4	RB1034	5.54
1 1/4 x 3/4	RB11434	7.97
1 1/4 x 1	RB1141	6.83
1 1/2 x 3/4	RB11234	9.04
1 1/2 x 1	RB1121	9.01
1 1/2 x 1 1/4	RB112114	10.74
2 x 1	RB2001	20.24
2 x 1 1/4	RB200114	14.03
2 x 1 1/2	RB200112	12.30
3 x 2	RB300200	39.39

## 90 Degree Elbow Male x Female Thread



Size "	Code	Price
1/4	SE14	6.72
1/2	SE12	7.07
3/4	SE34	13.24
1	SE100	15.73
1 1/4	SE114	20.06
1 1/2	SE112	23.01
2	SE200	29.21

## 90 Degree Elbow Female x Female Thread



Size "	Code	Price
1/2	LL1212	9.70
3/4	LL3434	10.74
1	LL100	14.21
1 1/4	LL114	19.54
1 1/2	LL112	19.54
2	LL200	39.11

## 45 Degree Elbow Male x Female Thread



Size "	Code	Price
3/4	SE34B	9.22

## Threaded Plug Male Thread



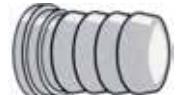
Size "	Code	Price
1/8	F1800	1.25
1/4	F1400	1.25
3/8	F3800	1.39
1/2	F1200	1.49
3/4	F3400	1.56
1	F1000	1.24
1 1/4	F114	4.16
1 1/2	F112	4.78
2	F200	5.86

## Pipe Coupling Female Thread



Size "	Code	Price
1/2	FC1200	8.77
3/4	FC3400	9.67
1	FC1000	14.59
1 1/4	FC114	16.53
1 1/2	FC112	18.28
2	FC2000	25.29

## Flat Seat Hose Barb



Size "	Code	Price
1/4	C1400	1.28
3/8	C3800	1.28
1/2	C1200	1.52
5/8	C5800	1.84
3/4	C3400	1.70
1	C1000	2.67

## Adaptor Female x Male Thread



Size "	Code	Price
1	FM100	16.22

**Threaded Tee Male Threads**

Size "	Code	Price
1/2	R1212	13.69

**NC Flat Seat Hose Barb**

Size "	Code	Price
1/4	NC14	1.04
3/8	NC38	1.21
1/2	NC12	1.59

**Threaded Tee Female Threads**

Size "	Code	Price
1/2	TT12	30.28
3/4	TT34	15.25
1	TT100	24.22
1 1/4	TT114	31.15
1 1/2	TT112	30.28
2	TT200	44.98

**Garden Hose Fly Nut**

Size "	Code	Price
3/4	B3400	1.70

**Fly Nut**

Size "	Code	Price
3/4	B3500	3.50
1	B1000	10.43

**SN Fly Nut**

Size "	Code	Price
1/4	SN14	1.28
3/8	SN38	1.91
1/2	SN12	1.70

# Hose

## Tricoflex Hose Per Coil

### Tricoflex Structure

- 1 Multi-layer construction ensures superb kink resistance.
- 2 Knitted reinforcement combines pressure resistance with excellent handling characteristics.
- 3 Smooth inner layer ensure optimum water flow and restricts algae growth.
- 4 Yellow outer layer is both U.V. and abrasion resistant.

### Working Pressure:

1/2" 5/8" 3/4" = 10 Bar  
1" 1 1/4" 1 1/2" 2" = 8 Bar

### Working Temperature:

-15°C to +60°C



Coil	Code	Price
<b>1/2" (12.5mm) 10 Bar</b>		
25 M	55-12-25	85.80
50 M	55-12-50	171.60
100 M	55-12-99	343.20
<b>5/8" (15mm) 10 Bar</b>		
50 M	55-15-50	220.22
100 M	55-15-99	440.44
<b>3/4" (19mm) 10 Bar</b>		
25 M	55-19-25	149.44
50 M	55-19-50	298.87
100 M	55-19-99	597.74
<b>1" (25mm) 8 Bar</b>		
25 M	55-25-25	235.95
50 M	55-25-50	471.90
100 M	55-25-99	943.80
<b>1 1/4" (30mm) 8 Bar</b>		
25 M	55-32-25	376.09
50 M	55-32-50	752.18
<b>1 1/2" (40mm) 8 Bar</b>		
25 M	55-40-25	633.49
50 M	55-40-50	1266.98
<b>2" (50mm) 8 Bar</b>		
25 M	55-50-25	949.52
50 M	55-50-50	1899.04

## Medium Duty Suction & Delivery Hose Per Metre

### Reinforcement:

Shock Resistant PVC Spiral

### Application:

For medium duty suction and delivery of water, salt water, light chemicals, liquids in agricultural industrial application and construction.

### Working Pressure:

20 mm 25 mm = 22 Bar  
32 mm = 20 Bar  
38 mm = 18 Bar  
51 mm = 13 Bar  
63 mm 76 mm = 12 Bar  
89 mm = 11 Bar  
102 mm 127 mm = 10 Bar  
152 mm = 9 Bar



### Working Temperature:

-5°C to +60°C

Size mm	Code	Price
20	MDS20	5.83
25	MDS25	7.79
32	MDS32	9.34
38	MDS38	10.41
51	MDS51	12.40
63	MDS63	23.34
76	MDS76	25.60
89	MDS89	29.66
102	MDS102	32.59
127	MDS127	64.61
152	MDS152	74.65

### Medium Duty Layflat Hose Per Metre

Tube:  
Flexible PVC Lining

Reinforcement:  
High Tensile Synthetic Textile

Cover:  
PVC outer, light chemicals and weather resistant

Application:  
For standard duty discharge of water, light chemicals and other liquids in agriculture and industry.

Working Temperature:  
-5°C to +60°C



Size mm	Code	Price
25	LFY25	5.15
32	LFY32	5.43
38	LFY38	6.16
51	LFY51	9.72
63	LFY63	14.01
76	LFY76	14.74
102	LFY102	22.89
127	LFY127	27.96
152	LFY152	37.39
203	LFY203	34.43

### PVC Braided Tubing Per Metre

Tube:  
Transparent plasticized PVC; low toxic odourless PVC

Reinforcement:  
High tensile polyester fibres

Cover:  
Abrasion, ozone and weather resistant transparent PVC



Size mm	Code	Price
6	BRD06	1.56
8	BRD08	1.58
10	BRD10	1.75
13	BRD13	2.78
16	BRD16	3.59
19	BRD19	4.17
25	BRD25	4.99
32	BRD32	7.95
38	BRD38	8.67
50	BRD50	10.47
63	BRD63	18.53

### Black Bio Flexible Fuel Hose Per Metre

Tube:  
Flexible smooth oil resistant PVC/NBR compound



Size mm	Code	Price
19	DDHO19	5.42
25	DDHO25	8.90

Reinforcement:  
Synthetic textile

Cover:  
Black weather and ozone resistant

Application:  
For the transfer of diesel/fuels/water/air in more demanding service environments

Working Temperature:  
-15°C to +60°C

# Hose Clips

## Jubilee Hose Clip

Galvanised



Size mm	Code	Price
8 MM x 12 MM X 9 MM	JC12	0.44
10 MM x 16 MM X 9 MM	JC16	0.44
12 MM x 22 MM X 9 MM	JC22	0.48
16 MM x 25 MM X 12 MM	JC25	0.48
20 MM x 32 MM X 12 MM	JC32	0.61
25 MM x 40 MM X 12 MM	JC40	0.61
32 MM x 50 MM X 12 MM	JC50	0.68
40 MM x 60 MM X 12 MM	JC60	0.78
50 MM x 70 MM X 12 MM	JC70	0.78
60 MM x 80 MM X 12 MM	JC80	0.78
70 MM x 90 MM X 12 MM	JC90	0.78
80 MM x 100 MM X 12 MM	JC100	0.85
90 MM x 110 MM X 12 MM	JC110	1.19
110 MM x 130 MM X 12 MM	JC130	1.19
130 MM x 160 MM X 12 MM	JC160	1.43
150 MM x 180 MM X 12 MM	JC180	1.50
170 MM x 200 MM X 12 MM	JC200	1.70
190 MM x 220 MM X 12 MM	JC220	1.90

## Stainless Steel



Size mm	Code	Price
8 MM x 12 MM X 12 MM	JC12SS	1.16
10 MM x 16 MM X 12 MM	JC16SS	1.16
12 MM x 20 MM X 12 MM	JC20SS	1.39
16 MM x 27 MM X 12 MM	JC27SS	1.39
20 MM x 32 MM X 12 MM	JC32SS	1.39
25 MM x 40 MM X 12 MM	JC40SS	1.39
30 MM x 45 MM X 12 MM	JC45SS	1.53
35 MM x 50 MM X 12 MM	JC50SS	1.63
40 MM x 60 MM X 12 MM	JC60SS	1.63
50 MM x 70 MM X 12 MM	JC70SS	1.70
60 MM x 80 MM X 12 MM	JC80SS	1.97
70 MM x 90 MM X 12 MM	JC90SS	2.21
80 MM x 100 MM X 12 MM	JC100SS	2.21
90 MM x 110 MM X 12 MM	JC110SS	2.41
110 MM x 130 MM X 12 MM	JC130SS	2.52
140 MM x 160 MM X 12 MM	JC160SS	2.82

**Single Bolt Super Clamp**

Stainless Steel



Size mm	Code	Price
17 MM x 19 MM Super 18 MM	SC19SS	2.56
20 MM x 22 MM Super 18 MM	SC22SS	2.56
23 MM x 25 MM Super 18 MM	SC25SS	2.56
26 MM x 28 MM Super 18 MM	SC28SS	2.56
29 MM x 31 MM Super 20 MM	SC31SS	3.06
32 MM x 35 MM Super 20 MM	SC35SS	3.24
36 MM x 39 MM Super 20 MM	SC39SS	3.24
40 MM x 43 MM Super 20 MM	SC43SS	3.24
44 MM x 47 MM Super 22 MM	SC47SS	3.74
48 MM x 51 MM Super 22 MM	SC51SS	3.74
52 MM x 55 MM Super 22 MM	SC55SS	3.99
56 MM x 59 MM Super 22 MM	SC59SS	3.99
60 MM x 63 MM Super 22 MM	SC63SS	3.99
64 MM x 67 MM Super 22 MM	SC67SS	4.94
68 MM x 73 MM Super 24 MM	SC73SS	5.69
74 MM x 79 MM Super 24 MM	SC79SS	5.69
80 MM x 85 MM Super 24 MM	SC85SS	5.78
86 MM x 91 MM Super 24 MM	SC91SS	5.78
92 MM x 97 MM Super 24 MM	SC97SS	6.03
98 MM x 103 MM Super 24 MM	SC104SS	6.21
104 MM x 112 MM Super 24 MM	SC112SS	6.30
113 MM x 121 MM Super 24 MM	SC121SS	6.89
122 MM x 130 MM Super 24 MM	SC130SS	7.05
131 MM x 139 MM Super 26 MM	SC139SS	9.36
140 MM x 148 MM Super 26 MM	SC148SS	9.43
149 MM x 161 MM Super 26 MM	SC161SS	10.04
162 MM x 174 MM Super 26 MM	SC174SS	10.29

## Single Bolt Super Clamp

Steel Zinc Plated



Size mm	Code	Price
17 MM x 19 MM Super Clamp 18 MM	SC19	1.22
20 MM x 22 MM Super Clamp 18 MM	SC22	1.22
23 MM x 25 MM Super Clamp 18 MM	SC25	1.22
26 MM x 28 MM Super Clamp 18 MM	SC28	1.22
29 MM x 31 MM Super Clamp 20 MM	SC31	1.36
30 MM x 33 MM Super Clamp 20 MM	SC33	1.36
32 MM x 35 MM Super Clamp 20 MM	SC35	1.36
36 MM x 39 MM Super Clamp 20 MM	SC39	1.45
40 MM x 43 MM Super Clamp 20 MM	SC43	1.45
44 MM x 47 MM Super Clamp 22 MM	SC47	1.74
42 MM x 46 MM Super Clamp 22 MM	SC46	1.45
48 MM x 51 MM Super Clamp 22 MM	SC51	1.90
52 MM x 55 MM Super Clamp 22 MM	SC55	1.90
56 MM x 59 MM Super Clamp 22 MM	SC59	1.95
60 MM x 63 MM Super Clamp 22 MM	SC63	1.95
64 MM x 67 MM Super Clamp 22 MM	SC67	2.49
68 MM x 73 MM Super Clamp 24 MM	SC73	2.72
74 MM x 79 MM Super Clamp 24 MM	SC79	2.83
80 MM x 85 MM Super Clamp 24 MM	SC85	2.83
86 MM x 91 MM Super Clamp 24 MM	SC91	3.06
92 MM x 97 MM Super Clamp 24 MM	SC97	3.06
98 MM x 103 MM Super Clamp 24 MM	SC103	3.29
104 MM x 112 MM Super Clamp 24 MM	SC112	3.29
113 MM x 121 MM Super Clamp 24 MM	SC121	3.40
122 MM x 130 MM Super Clamp 24 MM	SC130	4.87
131 MM x 139 MM Super Clamp 26 MM	SC139	5.33
140 MM x 148 MM Super Clamp 26 MM	SC148	5.33
149 MM x 161 MM Super Clamp 26 MM	SC161	6.00
162 MM x 174 MM Super Clamp 26 MM	SC174	6.23
175 MM x 187 MM Super Clamp 26 MM	SC187	6.57
188 MM x 200 MM Super Clamp 26 MM	SC200	6.57
201 MM x 213 MM Super Clamp 26 MM	SC213	6.68
214 MM x 226 MM Super Clamp 26 MM	SC226	6.80
227 MM x 239 MM Super Clamp 26 MM	SC239	7.14
240 MM x 252 MM Super Clamp 26 MM	SC252	7.25
260 MM x 280 MM Super Clamp 26 MM	SC280	8.04

# Brass Hose Connectors

## Original Geka Brass Quick Couplings



Size "	Code	Price
<b>Quick Coupling</b>		
3/8	10-50-10	6.06
1/2	10-50-12	6.06
5/8	10-50-16	6.39
3/4	10-50-19	6.47
1	10-50-25	7.64



Size	Code	Price
<b>End Plug</b>		
Fits All	10-80-00	5.25



Size "	Code	Price
<b>Female Coupling</b>		
3/8	10-60-10	5.98
1/2	10-60-12	5.82
3/4	10-60-19	5.93
7/8	10-60-22	7.33
1	10-60-25	5.95



Size	Code	Price
<b>Seal</b>		
Fits All	10-90-00	0.52



Size "	Code	Price
<b>Male Coupling</b>		
1/4	10-70-06	9.14
1/2	10-70-12	5.62
3/4	10-70-19	5.66
1	10-70-25	5.85



Size "	Code	Price
<b>Water Stop Male BSP</b>		
3/4"	10-97-00	33.16

## Brass Quick Couplings



Size "	Code	Price
<b>Quick Coupling</b>		
3/8	13-50-10	5.35
1/2	13-50-12	4.00
5/8	13-50-16	4.88
3/4	13-50-19	4.29
1	13-50-25	5.18
1 1/4	13-50-32	6.80
1 1/2	13-50-40	8.93



Size "	Code	Price
<b>Cap</b>		
	13-80-00	4.25



Size "	Code	Price
<b>Female Coupling</b>		
3/8	13-60-10	4.33
1/2	13-60-12	4.06
5/8	13-60-16	4.95
3/4	13-60-19	4.06
7/8	13-60-22	4.33
1	13-60-25	4.23
1 1/4	13-60-32	6.02
1 1/2	13-60-40	7.33



Size "	Code	Price
<b>Seal</b>		
	13-90-00	0.42



Size "	Code	Price
<b>Male Coupling</b>		
1/4	13-70-06	4.09
3/8	13-70-10	4.88
1/2	13-70-12	3.93
3/4	13-70-19	4.12
1	13-70-25	4.23
1 1/4	13-70-32	5.25
1 1/2	13-70-40	6.58



Size "	Code	Price
<b>Y Coupling</b>		
	13-95-05	20.21

**Brass Hose Fittings**

Size " x MM	Code	Price
<b>Male BSP x Hose</b>		
1/4 x 6	08-10-00	0.97
3/8 x 10	08-10-01	1.39
3/8 x 13	08-10-03	2.45
1/4 x 10	08-10-02	1.15
1/2 x 10	08-10-10	2.06
1/2 x 13	08-10-11	2.06
1/2 x 19	08-10-12	2.84
3/4 x 13	08-10-21	3.75
3/4 x 19	08-10-22	4.14
3/4 x 25	08-10-23	6.20
1 x 19	08-10-32	5.90
1 x 25	08-10-33	6.99
1 x 32	08-10-34	7.56
11/4 x 32	08-10-44	9.35
11/2 x 38	08-10-55	14.46
11/2 x 50	08-10-55	22.23
2 x 50	08-10-66	20.06
21/2 x 63	08-10-67	31.46
3 x 75	08-10-75	56.05
4 x 100	08-10101	97.34



Size " x MM	Code	Price
<b>Female BSP x Hose</b>		
1/2 x 13	08-30-11	3.06
3/4 x 13	08-30-21	4.14
3/4 x 20	08-30-22	4.14
1 x 20	08-30-32	4.63
1 x 25	08-30-33	5.90
11/4 x 32	08-30-44	11.50
11/2 x 38	08-30-55	17.51
2 x 50	08-30-66	32.64
3 x 75	08-30-88	68.97
4 x 110	08-30-99	73.25



Size " x MM	Code	Price
<b>Male BSP x Hose</b>		
1/2 x 13	08-35-11	3.10
3/4 x 13	08-35-22	4.08
1 x 20	08-35-33	4.38
11/2 x 38	08-35-55	15.02
2 x 50	08-35-66	21.94
3 x 75	08-35-88	45.57

**Brass Quick Connectors & Valves**

Size "	Code	Price
<b>Threaded Tap Connector Female BSP</b>		
1/2	03-10-12	3.29
3/4	03-11-19	3.29
1	03-12-25	5.07
<b>Male Adaptor</b>		
1/2	03-20-12	3.10
3/4	03-21-19	3.18
<b>Male Connector</b>		
3/4	03-33-19	9.83
<b>Hose to Bayonet Connector</b>		
1/2	03-30-12	8.84
3/4	03-31-19	10.62
<b>Hose Connector with Shut Off Valve</b>		
1/2	03-35-12	10.52
3/4	03-36-19	11.97
<b>Hose to Hose Connector</b>		
1/2	03-60-12	7.31
3/4	03-61-19	9.45
<b>Hose Coupler</b>		
All	03-40-12	3.85



Size "	Code	Price
<b>Revolving Elbow Female BSP</b>		
3/4	03-13-19	10.52
<b>Hose Connector with Quick Coupler</b>		
1/2	03-86-12	8.40
3/4	03-87-19	9.55
<b>2 Way Connector with Adjustable Flow Path</b>		
3/4	03-90-19	26.60
<b>2 Way Connector with Adjustable Flow Path</b>		
3/4	03-91-19	26.60
<b>3 Way Connector with Adjustable Flow Path</b>		
3/4	03-92-19	46.75
<b>2 Way Connector with Adjustable Flow Path</b>		
3/4	03-92-10	32.04
<b>Bib Tap with Quick Connection</b>		
1/2"	03-93-12	28.24

## Polyethylene Barbed Valves

**Plastic In Line Valve Barb x Barb**



Size mm	Code	Price
12	18-00-12	1.43
16	18-00-16	1.44
20	18-00-20	1.49
25	18-00-25	1.65

**Plastic In Line Valve Barb x BSP Male**



Size mm x "	Code	Price
12 x 1/2	18-10-12	1.49
16 x 1/2	18-10-16	1.49
16 x 3/4	18-11-16	1.50
20 x 3/4	18-11-20	1.50
25 x 3/4	18-11-25	1.65

**Plastic In Line Valve BSP Male x Male**



Size "	Code	Price
1/2	18-20-12	1.49
3/4	18-20-20	1.50

## Nylon Tank Connectors

**Plastic In Line Valve BSP Male x Male**



Size " x mm	Code	Price
1/2 x 110 Long	NTTC05	7.12
3/4 x 110 Long	NTTC07	7.88
1 x 110 Long	NTTC10	10.33
1 1/4 x 110 Long	NTTC12	13.72
1 1/2 x 110 Long	NTTC15	18.81
2 x 110 Long	NTTC20	22.94
3 x 150 Long - 50mm BSP	NTTC30	112.90
4 x 110 Long - 50mm BSP	NTTC40	138.86

# Polyethylene Barbed Fittings

## Barbed Connector



Size mm	Code	Price
16 x 16	20-00-01	0.26
20 x 20	20-00-02	0.32
25 x 25	20-00-22	0.43
32 x 32	20-00-33	0.54

## Reducing Tee



Size mm	Code	Price
16 x 20 x 16	20-50-12	0.43
20 x 16 x 20	20-50-04	0.69
25 x 16 x 25	20-50-20	1.05
25 x 20 x 25	20-50-21	1.05

## Barbed Reducer



Size mm	Code	Price
20 x 16	20-10-02	0.32
25 x 16	20-10-20	0.51
25 x 20	20-10-21	0.51

## Barbed Tee BSP Male



Size mm x "	Code	Price
12 x 1/2 x 12	20-60-00	0.76
12 x 3/4 x 12	20-60-01	0.76
16 x 1/4 x 16	20-60-06	0.82
16 x 1/2 x 16	20-60-02	0.37
16 x 3/4 x 16	20-60-03	0.42
20 x 1/2 x 20	20-60-04	0.66
20 x 3/4 x 20	20-60-05	0.69
25 x 3/4 x 25	20-60-21	1.08
32 x 1 x 32	20-60-32	1.31

## Barbed Connector BSP Male



Size mm x "	Code	Price
16 x 1/2	20-20-02	0.36
16 x 3/4	20-20-03	0.36
20 x 1/2	20-20-04	0.39
20 x 3/4	20-20-05	0.39
25 x 3/4	20-20-22	0.49
25 x 1	20-20-23	0.53
32 x 1	20-20-33	0.54

## Barbed Tee



Size mm	Code	Price
16	20-50-01	0.28
20	20-50-05	0.37
25	20-50-22	0.83
32	20-50-33	1.39

## Barbed Connector 2 Piece BSP Female



Size mm x "	Code	Price
16 x 3/4	20-41-01	0.86
20 x 3/4	20-41-02	1.00

## Barbed Elbow



Size mm	Code	Price
16	20-30-02	0.39
20	20-30-03	0.43
25	20-30-22	0.97
32	20-30-33	1.20

## Ground Pipe Stake



Size mm	Code	Price
16/20	20-97-16	0.65

## Barb / BSP Elbow BSP Male



Size mm x "	Code	Price
16 x 1/2	20-30-04	0.49
16 x 3/4	20-30-07	0.49
20 x 1/2	20-30-10	0.54
20 x 3/4	20-30-12	0.54
25 x 3/4	20-30-21	1.16
25 x 1	20-30-23	1.16
32 x 1	20-30-34	1.33

## Pipe End Clamp



Size mm	Code	Price
16	20-93-16	0.12
20	20-93-20	0.17

# Black Hose Tails

## Hose Barb x Female Thread



Size mm x "	Code	Price
15mm x 1/2	8000151	3.06
19mm x 1/2	8000152	3.06
19mm x 11/4	8000301	3.13
22mm x 11/4	8000302	3.06
25mm x 11/4	8000303	3.06
30mm x 11/4	8000304	3.06
32mm x 11/4	8000305	3.06
35mm x 11/4	8000306	3.06
40mm x 11/4	8000307	3.06
35mm x 11/2	8000351	3.24
40mm x 11/2	8000352	3.24
45mm x 11/2	8000353	3.24
50mm x 11/2	8000354	3.24
50mm x 2	8000402	8.84

## Hose Barb x Male Thread



Size mm x "	Code	Price
11mm x 3/8	8001101	1.36
13mm x 1/2	8001151	1.83
15mm x 1/2	8001152	1.83
19mm x 1/2	8001153	2.04
22mm x 1/2	8001154	1.89
13mm x 3/4	8001201	2.00
15mm x 3/4	8001202	2.00
19mm x 3/4	8001203	2.00
22mm x 3/4	8001204	2.00
25mm x 3/4	8001205	2.04
19mm x 1	8001251	2.35
25mm x 1	8001252	2.35
30mm x 1	8001253	2.35
32mm x 1	8001254	2.97
25mm x 11/4M	8001301	2.45
30mm x 11/4M	8001302	3.40
32mm x 11/4M	8001303	3.43
38mm x 11/4M	8001305	3.43
40mm x 11/4M	8001306	3.43
40mm x 11/2M	8001351	3.59
45mm x 11/2M	8001352	3.67
50mm x 11/2M	8001353	4.04
52mm x 2	8001401	4.61
76mm x 3	8001501	9.42

## 90° Hose Barb x Female Thread



Size " x mm	Code	Price
19mm x 3/4	8010201	3.55
22mm x 3/4	8010202	3.25
25mm x 3/4	8010203	3.55
30mm x 3/4	8010204	3.55
30mm x 1	8010251	4.27

## 90° Hose Barb x Male Thread



Size " x mm	Code	Price
13mm x 3/8	8011101	2.19
15mm x 3/8	8011102	2.19
13mm x 1/2	8011151	2.66
15mm x 1/2	8011152	2.66
19mm x 1/2	8011153	2.66
25mm x 3/4	8011203	2.66
25mm x 1	8011251	2.66
30mm x 1	8011252	2.99
32mm x 1	8011253	2.99
25mm x 11/4	8011301	2.93
30mm x 11/4	8011302	3.44
32mm x 11/4	8011303	3.44
40mm x 11/4	8011304	3.67
35mm x 11/4	8011305	3.67
30mm x 11/2	8011351	3.65
32mm x 11/2	8011352	3.65
35mm x 11/2	8011353	4.39
38mm x 11/2	8011354	3.80
40mm x 11/2	8011355	3.71
50mm x 2	8011401	5.90
52mm x 2	8011402	5.90
76mm x 3	8011501	9.98

## 45° Hose Barb x Male Thread



Size mm x "	Code	Price
30mm x 11/4	8014300	3.93
35mm x 11/4	8014301	4.07
40mm x 11/4	8014302	4.17
30mm x 11/2	8014350	3.93
35mm x 11/2	8014351	4.07
40mm x 11/2	8014352	4.17

# Hose Adaptors

## Male Adaptor



Size " x mm	Code	Price
1/4 x 7	22-07-07	1.58
3/8 x 10	22-10-10	1.59
1/2 x 13	22-13-12	1.80
3/4 x 13	22-13-19	1.89
1/2 x 20	22-20-12	2.13
3/4 x 20	22-20-19	2.19
1 x 20	22-20-25	2.46
3/4 x 25	22-25-19	2.40
1 x 25	22-25-25	1.56
11/4 x 25	22-25-32	2.18
1 x 32	22-32-25	1.82
11/4 x 32	22-32-32	2.73
11/4 x 38	22-38-32	3.12
11/4 x 38	22-38-40	3.45
11/4 x 40	22-40-32	3.33
11/2 x 40	22-40-40	3.42
11/2 x 50	22-50-40	3.90
2 x 50	22-50-50	14.32

## Hose Joiner



Size mm x "	Code	Price
3/8	22-65-10	3.43
1/2	22-65-11	3.50
3/4	22-65-22	3.80
1	22-65-33	4.62
11/4	22-65-44	5.21
11/2	22-65-55	9.27
2"	22-65-66	11.65
3"	22-65-75	36.33

## Hose Reducer



Size " x mm	Code	Price
3/4 x 1/2	22-85-20	1.01
1 x 3/4	22-85-32	0.86
11/4 x 1	22-85-43	1.35

## Elbow



Size mm x "	Code	Price
13 x 1/2	22-75-11	0.42
16 x 5/8	22-75-15	0.54
20 x 3/4	22-75-22	1.04
25 x 1	22-75-33	1.22
32 x 11/4	22-75-44	1.64
39 x 11/2	22-75-55	2.19
50 x 2	22-75-66	6.44

## Tee



Size mm x "	Code	Price
13 x 1/2	22-82-11	0.44
16 x 5/8	22-82-15	0.56
20 x 3/4	22-82-22	1.08
25 x 1	22-82-33	1.34
32 x 11/4	22-82-44	1.77
39 x 1/2	22-82-55	2.73

## Hose Y



Size mm x "	Code	Price
13 x 1/2	22-88-11	2.94
16 x 5/8	22-88-15	1.76
20 x 3/4	22-88-22	3.47
25 x 1	22-88-33	9.46

## Multistage Hose Adaptor



Size "	Code	Price
1/2	22-90-01	1.34
3/4	22-90-12	1.37
1	22-90-23	1.61
11/4	22-90-34	1.86
11/2	22-90-43	2.51

## Female Adaptor



Size " x mm	Code	Price
3/8 x 10	22-60-00	1.76
1/2 x 13	22-60-01	1.97
3/4 x 20	22-60-12	2.22
1 x 20	22-60-13	2.48
1 x 25	22-60-23	2.51
11/4 x 32	22-60-34	3.50
11/2 x 38	22-60-38	4.49
11/2 x 40	22-60-45	4.49
2 x 50	22-60-56	5.93

## Male Elbow



Size " x mm	Code	Price
1/2 x 12	22-70-05	1.95
3/4 x 12	22-70-07	2.07
1/2 x 16	22-70-09	2.07
1/2 x 20	22-70-11	2.27
3/4 x 20	22-70-12	2.22
3/4 x 25	22-70-22	2.66
1 x 25	22-70-23	2.70
11/4 x 32	22-70-34	3.60
11/2 x 40	22-70-45	4.16
2 x 50	22-70-56	6.49

## Female Elbow



Size " x mm	Code	Price
1/2 x 12	22-80-05	2.91
3/4 x 20	22-80-12	3.44
1 x 25	22-80-23	3.90
11/4 x 32	22-80-34	4.89
11/2 x 38	22-80-45	7.13
2 x 50	22-80-56	9.46

# Nylon Barb Fittings

## Hose Barb Male Thread x Hose



Size "	Code	Price
1/8 X 1/4	A1814	1.25
1/8 X 3/8	A1838	1.25
1/4 X 1/2	A1412	1.35
1/4 X 1/4	A1414	1.25
1/4 X 3/8	A1438	1.35
3/8 X 1/4	A3814	1.35
3/8 X 3/8	A3838	1.39
3/8 X 1/2	A3812	1.39
3/8 X 5/8	A3858	1.49
1/2 X 1/4	A1214	1.49
1/2 X 3/8	A1238	1.56
1/2 X 1/2	A1212	1.84
1/2 X 5/8	A1258	1.92
1/2 X 3/4	A1234	1.92
3/4 X 1/4	A3414	2.02
3/4 X 3/8	A3438	1.84
3/4 X 1/2	A3412	1.94
3/4 X 3/4	A3434	1.92
3/4 X 5/8	A3458	1.94
3/4 X 1	A3410	2.56
1 X 3/4	A1034	2.77
1 X 1	A1010	2.84
1 X 11/4	A1114	4.50
11/4 X 3/4	A11434	6.86
11/4 X 1	A1141	4.99
11/4 X 11/4	A114	6.51
11/4 X 11/2	A114112	6.69
1/2 X 1	A1210	4.69
11/2 X 11/4	A112114	7.70
11/2 X 11/2	A112	6.98
2 X 2	A200	10.85

## 90 Degree Hose Barb Male Thread x Hose



Size "	Code	Price
1/8 X 1/4	EL1814	6.06
1/8 X 3/8	EL1838	2.56
1/4 X 1/2	EL1412	2.64
1/4 X 1/4	EL1414	1.39
1/4 X 3/8	EL1438	1.46
1/4 X 5/8	EL1458	4.94
3/8 X 1/2	EL3812	2.39
3/8 X 1/4	EL3814	2.22
3/8 X 3/8	EL3838	2.51
3/8 X 5/8	EL3858	2.77
1/2 X 1/2	EL1212	2.43
1/2 X 1/4	EL1214	1.24
1/2 X 3/4	EL1234	2.84
1/2 X 3/8	EL1238	2.39
1/2 X 5/8	EL1258	2.81
3/4 X 1/2	EL3412	3.33
3/4 X 1/4	EL3414	2.77
3/4 X 3/4	EL3434	3.33
3/4 X 3/8	EL3438	3.08
3/4 X 5/8	EL3458	3.12
3/4 X 1	EL3410	5.41
1 X 3/4	EL1034	5.41
1 X 1	EL1010	5.75
11/4 X 3/4	EL11434	11.99
11/4 X 1	EL1141	9.98
11/4 X 11/4	EL114	8.66
11/4 X 11/2	EL114112	16.94
11/2 X 11/2	EL112	15.94
2 X 2	EL200	18.85

## 90 Degree Hose Barb Elbow



Size "	Code	Price
1/4	EL1414HB	2.43
3/8	EL3838HB	2.22
1/2 x 1/4	EL1214HB	2.22
1/2 x 3/8	EL1238HB	2.22
1/2	EL1212HB	2.22
5/8	EL5858HB	2.32
3/4	EL3434HB	2.91
1	EL100HB	5.16
11/4	EL114HB	13.34
11/2	EL112HB	14.38
2	EL200HB	22.31

## Hose Mender



Size "	Code	Price
1/8	SHM1800	1.32
1/4	SHM1400	1.52
3/8 x 1/4	SHM3814	1.35
3/8	SHM3800	1.49
1/2 x 1/4	SHM1214	1.49
1/2 x 3/8	SHM1238	1.80
1/2	SHM1200	1.80
1/2 x 5/8	SHM1258	2.22
5/8 x 3/8	SHM5838	2.46
5/8	SHM5800	2.22
3/4	SHM3400	2.56
1	SHM1000	3.05
11/4	SHM1140	6.48
11/2	SHM1120	8.35
2	SHM200	29.90

**90 Degree Hose Barb Female Thread x Hose**

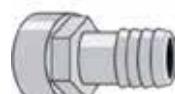
Size "	Code	Price
3/8 x 1/2	EL3812F	6.27
3/4 x 1/2	EL3412F	7.73
3/4 x 3/4	EL3434F	7.73

**Garden Hose Barb Male Thread x Hose**

Size "	Code	Price
3/4 x 3/8	D3438	2.04
3/4 x 1/2	D3412	2.04
3/4 x 5/8	D3458	2.22
3/4 x 3/4	D3434	2.22

**Tee Female Thread x Hose**

Size "	Code	Price
3/4 x 3/4	T34F	9.93

**Hose Barb Female Thread x Barb**

Size "	Code	Price
1/4 x 1/4	Q1414	2.29
1/2 x 1/2	Q1212	2.52

**Tee Male Thread x Hose**

Size "	Code	Price
1/8 x 1/4	T1814T	2.88
1/4 x 1/4	T1414T	2.60
1/4 x 3/8	T1438T	2.82
1/4 x 1/2	T1412T	2.82
3/8 x 1/4	T3814T	2.60
3/8 x 3/8	T3838T	2.77
3/8 x 1/2	T3812T	4.54
1/2 x 3/8	T1238T	2.77
1/2 x 1/2	T1212T	2.77
3/4 x 3/4	T3434T	3.40
1/2 x 1	T3410T	7.14

**Hose Barb Tee**

Size "	Code	Price
1/8	T18	2.52
1/4	T14	1.34
1/4 x 3/8	T1438	2.74
3/8	T38	2.74
3/8 x 1/2	T3812	2.74
3/8 x 5/8	T3858	3.57
1/2 x 3/8	T1238	2.74
1/2	T12	2.98
5/8	T58	3.78
3/4 x 1/2	T3412	7.14
3/4	T34	3.78
1	T100	5.30
1 1/4 x 1 1/4	T114	9.84
1 1/2 x 1 1/2	T112	12.30
2 x 2	T200	21.02

# Slurry Type Couplings

**Bauer Leverlock Complete Set**


Size "	Code	Price
2	LLC2	18.08
3	LLC3	38.48
3 1/2	LLC3.5	41.65
4	LLC4	52.67
6	LLC6	95.44

**Lever Ring**


Size "	Code	Price
2	LLR2	6.04
3	LLR3	12.84
3 1/2	LLR3.5	13.86
4	LLR4	21.05
6	LLR6	42.11

**Male Bauer Leverlock to Hosetail**


Size "	Code	Price
2	LLM2	6.04
3	LLM3	12.84
3 1/2	LLM3.5	13.86
4	LLM4	21.12
6	LLM6	35.51
8	LLM8	64.02

**Female Bauer Leverlock PN16 Flange**


Size "	Code	Price
2	LLFFA200 PN16	44.62
2	LLFFA300 PN16	58.01
3 1/2	LLFFA350 PN16	61.78
4	LLFFA400 PN16	72.47
6	LLFFA600 PN16	149.69

**Female Bauer Leverlock to Hosetail**


Size "	Code	Price
2	LLF2	6.04
3	LLF3	12.84
3 1/2	LLF3.5	13.86
4	LLF4	21.05
6	LLF6	35.51
8	LLF8	106.19

**Bauer Leverlock Male x Female 90 Elbow**


Size "	Code	Price
2	LLM2F90	44.62
3	LLM3F90	58.01
3.5	LLM3.5F90	85.80
4	LLM4F90	93.79
6	LLM6F90	240.17
8	LLM8F90	375.80

**Flanged Adaptors Male x Flange**


Size "	Code	Price
2	LLMFA200PN16	56.17
3	LLMFA300PN16	82.17
3 1/2	LLMFA350PN16	86.06
4	LLMFA400PN16	111.87
6	LLMFA600PN16	224.53

**Bauer Leverlock Male Cap C/W Lever**


Size "	Code	Price
2	LLM2CAP	15.02
3	LLM3CAP	23.10
3.5	LLM3.5CAP	31.75
4	LLM4CAP	36.43
6	LLM6CAP	62.96
8	LLM8CAP	99.86

**Bauer Leverlock Rubber O Ring**


Size "	Code	Price
2	LLO2	2.24
3	LLO3	2.84
3 1/2	LLO3.5	3.37
4	LLO4	4.22
6	LLO6	6.80
8	LLO8	11.22

**Bauer Leverlock Female Cap C/W O Ring**


Size	Code	Price
2	LLF2CAP	6.60
3	LLF3CAP	10.96
3.5	LLF3.5CAP	13.40
4	LLF4CAP	22.18
6	LLF6CAP	28.64
8	LLF8CAP	54.25

**Male Bauer Leverlock Weld End**


Size "	Code	Price
2	LLM2W	3.56
3	LLM3W	5.28
3.5	LLM3.5W	6.86

**Female Bauer Leverlock Weld End**


Size	Code	Price
2	LLF2W	3.56
3	LLF3W	5.28
3.5	LLF3.5W	6.86
4	LLF4W	10.03
6	LLF6W	13.73

**Iron Male BSPP**



Size "	Code	Price
1 1/4	LM125	3.79
1 1/2	LM150	3.81
2	LM200	4.51
2 1/2	LM250	9.00
3	LM300	12.46
4	LM400	21.40
6	LM600	34.66

**Iron Female BSPP**



Size "	Code	Price
1 1/4	LF125	4.73
1 1/2	LF150	4.82
2	LF200	5.41
2 1/2	LF250	10.96
3	LF300	12.46
4	LF400	21.30
6	LF600	40.68

**Female Bauer Leverlock X BSP Male Thread**



Size "	Code	Price
2	LLF2M	11.22
3	LLF3M	12.14
3	LLF3.5M	16.04
4	LLF4M	23.89
6	LLF6M	36.10
8	LLF8M	91.08

# URT Type Couplings

**Aluminium Male URT Thread**


Size "	Code	Price
3	GM3AL	36.85
4	GM4AL	40.02

**Aluminium Blank Caps**


Size "	Code	Price
C/W BSPP Thread and Brass Chain		
1/2	BC050AL	10.19
3/4	BC075AL	10.19
1	BC100AL	10.19
11/4	BC125AL	11.67
11/2	BC150AL	6.47
2	BC200AL	7.26
21/2	BC250AL	10.77
3	BC300AL	9.58
4	BC400AL	20.04

**Aluminium Female URT Thread**


Size "	Code	Price
3	GF3AL	41.24
4	GF4AL	65.05

**C/W URT Thread and Brass Chain**

3	BC300ALURT	28.22
4	BC400ALURT	39.57

**Polypropylene Male URT Thread**


Size "	Code	Price
3	GM3PP	7.34
4	GM4PP	10.88

**Brass Blank Caps**


Size "	Code	Price
C/W BSPP Thread and Brass Chain		
1/2	BC050BR	7.66
3/4	BC075BR	7.66
1	BC100BR	8.40
11/4	BC125BR	16.39
11/2	BC150BR	16.55
2	BC200BR	18.51
21/2	BC250BR	19.48
3	BC300BR	27.46
4	BC400BR	41.03

**Polypropylene Male URT Thread**


Size "	Code	Price
3	GF3PP	15.07
4	GF4PP	20.70

**C/W URT Thread and Brass Chain**

3	BC300BR URT	48.95
4	BC400BR URT	62.33

**Polypropylene Male BSPP**


Size "	Code	Price
11/2	PLM150	2.80
2	PLM200	4.38
21/2	PLM250	5.54
3	PLM300	6.28
4	PLM400	10.82

**Polypropylene Blank Caps**


Size "	Code	Price
C/W BSPP Thread and Brass Chain		
11/2	BC150PP	3.01
2	BC200PP	3.83
21/2	BC250PP	4.91
3	BC300PP	6.18
4	BC400PP	8.79

**Polypropylene Female BSPP**


Size "	Code	Price
11/2	PLF150	4.83
2	PLF200	7.21
21/2	PLF250	8.58
3	PLF300	12.04
4	PLF400	24.02

**C/W URT Thread and Brass Chain**

3	BC300PP URT	6.18
4	BC400PP URT	8.79

**Polypropylene Blank Plugs**

Size "	Code	Price
<b>C/W URT Thread and Brass Chain</b>		
3	BP300PPURT	4.30
4	BP400PPURT	5.65

**Aluminium Fixed Adaptor**

Size "	Code	Price
<b>Male BSPP x Female BSPP</b>		
11/2M X 11/4F	1.5MX1.2FAL	20.83
11/2M X 11/2F	1.5MX1.5FAL	21.38
11/2M X 2F	1.5MX2FAL	12.46
11/2M X 21/2F	1.5MX2.5FAL	17.27
11/2M X 3F	1.5MX3FAL	18.22
2M X 11/4F	2MX1.25FAL	16.66
2M X 11/2F	2MX1.5FAL	12.36
2M X 2F	2MX2FAL	16.79
2M X 21/2F	2MX2.5FAL	13.46
2M X 3F	2MX3FAL	14.47
21/2M X 2F	2.5MX2FAL	12.65
21/2M X 21/2F	2.5MX2.5FAL	18.45
21/2M X 3F	2.5MX3FAL	13.20
21/2M X 4F	2.5MX4FAL	21.78
3M X 2F	3MX2FAL	18.90
3M X 21/2F	3MX2.5FAL	13.44
3M X 3F	3MX3FAL	19.25
3M X 4F	3MX4FAL	16.87
4M X 3F	4MX3FAL	21.70
4M X 4F	4MX4FAL	31.73

**Aluminium Blank Plugs**

Size "	Code	Price
<b>C/W BSPP Thread and Brass Chain</b>		
1/2	BP050AL	26.35
3/4	BP075AL	16.82
1	BP100AL	32.68
11/4	BP125AL	41.53
11/2	BP150AL	36.17
2	BP200AL	24.35
21/2	BP250AL	51.61
3	BP300AL	35.30
4	BP400AL	104.81

**C/W URT Thread and Brass Chain**

3	BP300ALURT	26.42
4	BP400ALURT	44.94

**Aluminium Fixed Adaptor**

Size "	Code	Price
<b>Male BSPP x Male BSPP</b>		
11/2M X 2M	1.5MX2MAL	14.55
2M X 11/2M	2MX1.5MAL	18.72
2M X 2M	2MX2MAL	13.20
21/2M X 2M	2.5MX2MAL	21.49
21/2M X 21/2M	2.5MX2.5MAL	13.33
3M X 21/2M	3MX2.5MAL	22.73
3M X 3M	3MX3MAL	15.00
4M X 3M	4MX3MAL	25.48
4M X 4M	4MX4MAL	32.45

**Brass Blank Plugs**

Size "	Code	Price
<b>C/W BSPP Thread and Stainless Steel Chain</b>		
1	BP100BR	12.22
11/4	BP125BR	31.76
11/2	BP150BR	15.02
2	BP200BR	16.47
21/2	BP250BR	30.02
3	BP300BR	34.29
4	BP400BR	56.36

**C/W URT Thread and Brass Chain**

3	BP300BR URT	50.08
4	BP400BR URT	83.95

**URT Male x Male Adaptors**

Size "	Code	Price
<b>Aluminium</b>		
3 URT X 3 URT	URT149	40.02
3 URT X 3 BSP	URT150	40.02
4 URT X 4 BSP	URT151	97.13

**Plastic BSP Blanking Plugs**

Size "	Code	Price
21/2	G90059T	2.98
21/2	G90055T	2.98
21/2	G90034T	2.98
3	G90060T	2.98
3	G90056T	2.98
3	G90035T	2.98

**Brass**

3 URT X 3 URT	URT152	119.59
3 URT X 3 BSP	URT153	78.33
4 URT X 4 URT	URT154	104.44
4 URT X 4 BSP	URT155	172.66

**Brass**

3 URT X 3 URT	URT156	241.22
3 URT X 3 BSP	URT157	224.45
4 URT X 4 BSP	URT158	248.29

# Polypropylene Camlock Couplings

Type C Hosetail x Female Part Camlock



Size "	Code	Price
1/2	C050PP	5.27
3/4	C075PP	5.19
1	C100PP	7.96
1 1/4	C125PP	8.40
1 1/2	C150PP	8.67
2	C200PP	14.49
3	C300PP	13.74
4	C400PP	35.40

Type B Male Thread x Female Part Camlock



Size "	Code	Price
1/2	B050PP	10.53
3/4	B075PP	7.01
1	B100PP	7.96
1 1/4	B125PP	8.12
1 1/2	B150PP	8.43
2	B200PP	12.43
3	B300PP	14.85
4	B400PP	33.86

Type E Hosetail x Male Part Camlock



Size "	Code	Price
1/2	E050PP	3.84
3/4	E075PP	1.11
1	E100PP	1.31
1 1/4	E125PP	1.27
1 1/2	E150PP	2.22
2	E200PP	3.84
3	E300PP	5.11
4	E400PP	17.31

Type F Male Thread x Male Part Camlock



Size "	Code	Price
1/2	F050PP	0.75
3/4	F075PP	0.75
1	F100PP	1.62
1 1/4	F125PP	1.47
1 1/2	F150PP	1.66
2	F200PP	7.76
3	F300PP	4.40
4	F400PP	10.53

Type D Female Thread x Female Part Camlock



Size "	Code	Price
1/2	D050PP	5.07
3/4	D075PP	5.19
1	D100PP	6.14
1 1/4	D125PP	8.24
1 1/2	D150PP	9.70
2	D200PP	10.93
3	D300PP	15.56
4	D400PP	34.10

Type DC Female Part Camlock



Size "	Code	Price
1/2	DC050PP	4.00
3/4	DC075PP	4.00
1	DC100PP	9.11
1 1/4	DC125PP	8.00
1 1/2	DC150PP	10.30
2	DC200PP	14.02
3	DC300PP	12.67
4	DC400PP	24.67

Type A Female Thread x Male Part Camlock



Size "	Code	Price
1/2	A050PP	3.13
3/4	A075PP	1.11
1	A100PP	0.91
1 1/4	A125PP	1.62
1 1/2	A150PP	2.02
2	A200PP	3.13
3	A300PP	3.76
4	A400PP	13.58

Type DP Male Part Camlock



Size "	Code	Price
1/2	DP050PP	1.07
3/4	DP075PP	1.39
1	DP100PP	1.78
1 1/4	DP125PP	1.11
1 1/2	DP150PP	4.04
2	DP200PP	4.28
3	DP300PP	3.45
4	DP400PP	9.11

# Aluminium Camlock Couplings

Type C Hosetail x Female Part Camlock



Size "	Code	Price
1/2	C050AL	6.53
3/4	C075AL	6.45
1	C100AL	7.05
11/4	C125AL	10.30
11/2	C150AL	13.58
2	C200AL	13.82
21/2	C250AL	14.61
3	C300AL	20.35
4	C400AL	28.23
5	C500AL	50.81
6	C600AL	84.39

Type B Male Thread x Female Part Camlock



Size "	Code	Price
1/2	B050AL	5.43
3/4	B075AL	5.43
1	B100AL	7.05
11/4	B125AL	9.62
11/2	B150AL	10.53
2	B200AL	12.24
21/2	B250AL	15.88
3	B300AL	17.11
4	B400AL	25.50
5	B500AL	39.09
6	B600AL	59.60

Type E Hosetail x Male Part Camlock



Size "	Code	Price
1/2	E050AL	2.73
3/4	E075AL	2.42
1	E100AL	4.36
11/4	E125AL	4.47
11/2	E150AL	5.43
2	E200AL	7.68
21/2	E250AL	12.75
3	E300AL	14.34
4	E400AL	21.98
5	E500AL	41.03
6	E600AL	70.69

Type F Male Thread x Male Part Camlock



Size "	Code	Price
1/2	F050AL	3.17
3/4	F075AL	2.65
1	F100AL	4.20
11/4	F125AL	4.91
11/2	F150AL	5.90
2	F200AL	7.68
21/2	F250AL	12.04
3	F300AL	13.46
4	F400AL	20.28
5	F500AL	29.78
6	F600AL	42.41

Type D Female Thread x Female Part Camlock



Size "	Code	Price
1/2	D050AL	5.62
3/4	D075AL	5.90
1	D100AL	6.65
11/4	D125AL	10.02
11/2	D150AL	10.22
2	D200AL	12.55
21/2	D250AL	17.98
3	D300AL	19.01
4	D400AL	31.72
5	D500AL	29.07
6	D600AL	74.57

Type DC Female Part Camlock



Size "	Code	Price
1/2	DC050AL	5.19
3/4	DC075AL	5.19
1	DC100AL	7.05
11/2	DC150AL	10.41
2	DC200AL	11.56
21/2	DC250AL	14.02
3	DC300AL	20.79
4	DC400AL	28.43
5	DC500AL	35.20
6	DC600AL	60.19

Type A Female Thread x Male Part Camlock



Size "	Code	Price
1/2	A050AL	2.53
3/4	A075AL	2.61
1	A100AL	2.73
11/4	A125AL	3.68
11/2	A150AL	3.84
2	A200AL	5.19
21/2	A250AL	8.67
3	A300AL	8.67
4	A400AL	13.78
5	A500AL	19.13
6	A600AL	33.54

Type DP Male Part Camlock



Size "	Code	Price
1/2	DP050AL	1.78
3/4	DP075AL	1.94
1	DP100AL	2.42
11/4	DP125AL	3.45
11/2	DP150AL	3.84
2	DP200AL	5.58
21/2	DP250AL	7.68
3	DP300AL	8.24
4	DP400AL	12.36
5	DP500AL	24.08
6	DP600AL	31.44

# Stainless Steel Camlock Couplings

**Type C Hosetail x Female Part Camlock**

Size "	Code	Price
3/4	C075SS	13.31
1	C100SS	17.93
11/4	C125SS	24.64
11/2	C150SS	28.27
2	C200SS	39.16
21/2	C250SS	45.54

**Type B Male Thread x Female Part Camlock**

Size "	Code	Price
3/4	B075SS	14.41
1	B100SS	19.80
11/4	B125SS	25.41
11/2	B150SS	30.58
2	B200SS	35.75

**Type E Hosetail x Male Part Camlock**

Size "	Code	Price
3/4	E075SS	9.74
1	E100SS	13.53
11/4	E125SS	16.61
11/2	E150SS	20.79
2	E200SS	30.69

**Type F Male Thread x Male Part Camlock**

Size "	Code	Price
3/4	F075SS	10.89
1	F100SS	14.85
11/4	F125SS	19.25
11/2	F150SS	23.87
2	F200SS	30.69

**Type D Female Thread x Female Part Camlock**

Size "	Code	Price
1/2	D050SS	13.20
3/4	D075SS	15.40
1	D100SS	19.25
11/4	D125SS	29.04
11/2	D150SS	31.90
2	D200SS	38.17

**Type A Female Thread x Male Part Camlock**

Size "	Code	Price
1/2	A050SS	8.20
3/4	A075SS	8.97
1	A100SS	11.66
11/4	A125SS	16.72
11/2	A150SS	21.45
2	A200SS	27.17

**Type DP Male Part Camlock**

Size "	Code	Price
1/2	DP050SS	5.21
3/4	DP075SS	5.21
1	DP100SS	5.94
11/4	DP125SS	92.40
11/2	DP150SS	13.40
2	DP200SS	17.69
21/2	DP250SS	42.44
3	DP300SS	36.96
4	DP400SS	47.92
5	DP500SS	109.43
6	DP600SS	144.94

**Type DC Female Part Camlock**

Size "	Code	Price
3/4	DC075SS	12.80
1	DC100SS	11.68
11/4	DC125SS	29.24
11/2	DC150SS	23.69
2	DC200SS	32.14
21/2	DC250SS	36.89
3	DC300SS	49.96
4	DC400SS	76.36
5	DC500SS	126.06
6	DC600SS	188.03

# IBC Connectors

## IBC Tank Connectors Female Buttress Thread

	Size "	Code	Price
<b>with Polypropylene Snaplock Quick Coupling</b>			
	3/4	IBC.SL34PP	11.01
	1	IBC.SL1PP	11.94
	1 1/2	IBC.SL112PP	15.86
	2	IBC.SL2PP	17.16

	Size "	Code	Price
<b>with Aluminium Snaplock Quick Coupling</b>			
	3/4	IBC.SL34AL	11.85
	1	IBC.SL1AL	12.87
	1 1/4	IBC.SL114AL	13.43
	1 1/2	IBC.SL112AL	14.09

## with Geka Type Quick Coupling and Hosetail

	Coupling Only	IBC.GCM	11.57
	3/8	IBC.GCHT38	15.30
	1/2	IBC.GCHT12	15.30
	5/8	IBC.GCHT58	15.55
	3/4	IBC.GCHT34	15.48
	1	IBC.GCHT1	16.14

## with Lockable Barbed Tap

	1/2	IBCC.LBP12	10.42
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## with Lock Tap and Hose Lock

	1/2	IBCC.LTHL12	12.64
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## with Hose Lock and Hose Connector

	1/2	IBCC.HLHC12	18.61
	3/4	IBCC.HLHC34	19.82

## with Barbed Garden Hose Tap

	1/2	IBCC.BGHT12	11.18
	3/4	IBCC.BGHT34	13.05

## with Barbed PVC Hosetail Elbow Connector

	1/2	IBCC.PHT12	8.95
	5/8	IBCC.PHT58	9.05
	3/4	IBCC.PHT34	9.23
	1	IBCC.PHT1	9.47
	1 1/4	IBCC.PHT114	9.98
	1 1/2	IBCC.PHT112	10.54
	2	IBCC.PHT2	12.69

<b>with John Guest Isolation Valve for Tube</b>			
	15mm	IBC.JGIV	12.22

<b>with Barbed PVC Hosetail Connector</b>			
	1/2 (13mm)	IBC.PHT12	8.58
	3/4 (20mm)	IBC.PHT34	8.77
	1 (25mm)	IBC.PHT1	8.95
	1 1/4 (32mm)	IBC.PHT114	9.14
	1 1/2 (38mm)	IBC.PHT112A	9.51
	1 1/2 (40mm)	IBC.PHT112B	9.84
	2 (50mm)	IBC.PVCHT2	11.10

## with Brass Compression Copper Pipe Fitting

	15mm	IBC.CP15	7.93
	22mm	IBC.CP22	9.79
	28mm	IBC.CP28	11.09

## with Blue Water Pipe Connector / MDPE Fittings

	20mm	IBC.MDPE20	10.07
	25mm	IBC.MDPE25	10.54
	32mm	IBC.MDPE32	11.29

# Watering Lances & Spray Guns

## Geka Trigger Lance



Code	Length	Price
15-10-00	60cm	182.55

14mm Aluminium lance  
Outlet: threaded M11 Female  
With 2 Settings:  
1) Fine Spray  
2) Full Flow up to 39 l/min at 6 bar

## Industrial Spray Pistol



### Rubber Coated Adjustable Spray

Code	Price
15-42-00	69.50

Max Temp: 50 Deg C  
Max Pressure: 24 Bar  
Inlet: 1/2" Female BSP

## Metal Spray Gun



Code	Price
03-94-76	12.78

## Metal 6 Function Spray Gun



Code	Price
03-94-79	18.86

## Metal 6 Function Spray Gun with Rubber Grip



Code	Price
03-94-86	23.93

## Aluminium Pistol With Adjustable Nozzle and Trigger



Code	Price
03-94-70	30.49

## Connecting Valves



Plastic Thread: Male x Female 3/4"

Code	Price
15-25-50	4.63



Metal Thread: Male x Female 3/4"

Code	Price
15-21-50	2.01

## Nipples and Adaptors

Thread: Male 3/4" x Male 3/4"



Code	Price
15-M3-M3	9.88



Thread: Male 3/4" x Male M11

Code	Price
15-M3-M1	20.08

## Geka Plastic "Soft Rain" Lance



Code	Length	Price
15-25-00	60cm	41.70

19mm Aluminium lance  
Outlet: Threaded 3/4" Male  
Comes complete with plastic valve and rose giving an

## Geka Telescopic Lance



Code	Angle	Price
15-65-00	135°	160.93
15-60-00	35°	160.93

19mm Aluminium lance  
Extendable from 1.6M to 2.8M  
giving an output of 51 l/min at 6 Bar  
Outlet: Threaded 3/4" Male

## Geka Roses and Nozzles

	Code	Price	Connection	Lance End 3/4" Male	Lance End 3/4" Female	Lance End M11 Female
	<b>Small Alloy Rose</b> 15-00-05F	<u>16.22</u>	3/4" Female	Straight Connection	With Nipple 15-M3-M3	With Nipple 15-M3-M1
	<b>Large Alloy Rose</b> 15-00-07F	<u>10.97</u>	3/4" Female	Straight Connection	With Nipple 15-M3-M3	With Nipple 15-M3-M1
	<b>Large Plastic</b> 15-00-09F	<u>8.34</u>	3/4" Female	Straight Connection	With Nipple 15-M3-M3	With Nipple 15-M3-M1
	<b>"Shower" Rose</b> 15-00-15F	<u>76.60</u>	3/4" Female	Straight Connection	With Nipple 15-M3-M3	Not Suitable for Connection
	<b>Brass "Shower" Rose with Bumper</b> 15-00-18F	<u>61.93</u>	3/4" Female	Straight Connection	With Nipple 15-M3-M3	Not Suitable for Connection
	<b>Spray Washer Nozzle</b> 15-00-40F	<u>21.00</u>	3/4" Female	Straight Connection	With Nipple 15-M3-M3	With Nipple 15-M3-M1
	<b>Geka Fine Spray Nozzle</b> 15-00-48A	<u>19.46</u>	M11 Male	Not Suitable for Connection	Not Suitable for Connection	Straight Connection
	<b>Geka Full Jet Nozzle</b> 15-00-50M	<u>29.34</u>	3/4" Male	Not Suitable for Connection	Straight Connection	Not Suitable for Connection
	<b>Geka Fan Spray Head</b> 2mm Nozzle 3mm Nozzle	15-00-55M 15-00-56M	<u>94.52</u> <u>94.52</u>	3/4" Male 3/4" Male	Not Suitable for Connection	Straight Connection Not Suitable for Connection

## Solenoid Valves

### Globe Valves



Code	F/BSP	Voltage	Price
32-19-00	3/4	w/o Coil	24.71
32-19-12-DC	3/4	12V DC	35.98
32-19-24-AC	3/4	24V AC	30.73
32-19-24-DC	3/4	24V DC	30.73
32-25-00	1	w/o Coil	24.71
32-25-12-DC	1	12V DC	35.98
32-25-24-AC	1	24V AC	30.73
32-25-24-DC	1	24V DC	30.73



Code	F/BSP	Voltage	Price
32-40-00	1 1/2	w/o Coil	80.31
32-40-24-AC	1 1/2	24V AC	84.48
32-40-24-DC	1 1/2	24V DC	84.48
32-50-00	2	w/o Coil	97.30
32-50-24-AC	2	24V AC	94.21
32-50-24-DC	2	24V DC	94.21

### Angle Valves



Code	F/BSP	Voltage	Price
32-45-00	11/2	w/o Coil	69.03
32-45-24-AC	11/2	24V AC	84.48
32-55-00	2	w/o Coil	92.05
32-55-24-AC	2	24V AC	97.30

### Normally Open Solenoid Valves



Code	F/BSP	Voltage	Price
32-64-24-AC	11/2	24V AC	133.59
32-65-24-AC	2	24V AC	149.03

### 3" & 4" Metal Solenoid Valves



The BERMAD 400 Series cast iron valves have been designed for the control of all types of irrigation and waterworks systems.

#### Specifications:

Inlet / Outlet	3" Female BSP
Max Working Pressure	10 Atm. - 145 psi
Max Working Temperature	80°C
Body & cover material	Polyester coated cast iron
Diaphragm	Nylon fabric, reinforced NR
Diaphragm retainer	Stainless steel
Spring	Stainless steel
Voltage	24V AC
Weight	5.8 kg

Code	Description	Price
32-60-24-AC	3" Solenoid Valve	281.08
32-76-00	3" Pressure Regulator	383.78
32-96-24-AC	3" Pressure Regulating Valve	443.55

Code	Description	Price
32-62-24-AC	4" Solenoid Valve	723.24

## Adjustable Pressure Regulators

### 3/4" Specifications



Inlet : 3/4" BSP Female Outlet : 3/4" BSP Male  
Rec Pressure Range: 0.7 - 9 Atm  
Rec Flow Rate Range: 0.2 - 5.0 M3/hr  
Rec Max Working Temp: 80°C

Code	Spring Colour	Pres. Range	Range Max	Price
35-20-05-MF	Yellow	0.5 Atm	1.2 Atm	15.75
35-20-10-MF	White	0.8 Atm	2.5 Atm	15.75
35-20-22-MF	Red	2.0 Atm	4.0 Atm	15.75
35-20-35-MF	Black	3.5 Atm	6.0 Atm	15.75

### 1" Specifications



Inlet : 1" BSP Female Outlet : 1" BSP Female  
Rec Pressure Range: 0.7 - 9 Atm  
Rec Flow Rate Range: 0.4 - 8.0 M3/hr  
Rec Max Working Temp: 80°C

Code	Spring Colour	Pres. Range	Range Max	Price
35-25-05	White	0.5 Atm	Atm	51.27
35-25-08	Red	1.0 Atm	Atm	51.27
35-25-12	Black	1.5 Atm	Atm	51.27
35-25-30	Natural	3.0 Atm	Atm	51.27

### 3/4" Low Flow Specifications



Rec Flow Rate Range: 0.03 - 5.0 M3/hr

Code	Spring Colour	Pres. Range	Range Max	Price
35-21-05-MF	Yellow	0.5 Atm	1.2 Atm	20.08
35-21-10-MF	White	0.8 Atm	2.5 Atm	20.08

### 1 1/2" Specifications



Inlet : 1 1/2" BSP Female Outlet : 1 1/2" BSP Female  
Rec Pressure Range: 0.7 - 9 Atm  
Rec Flow Rate Range: 0.5 - 18.0 M3/hr  
Rec Max Working Temp: 80°C

Code	Spring Colour	Pres. Range	Range Max	Price
35-40-10	White	0.5 Atm	Atm	121.39
35-40-14	Red	1.0 Atm	Atm	121.39
35-40-18	Black	1.5 Atm	Atm	121.39
35-40-30	Natural	3.0 Atm	Atm	121.39

## Air & Vacuum Release Valves

### 1/2" BSP Vacuum Breaker



Large air passage, high resistance to chemicals. Smooth, reliable operation.

Rec Max Working Pressure: 10 Atm

Rec Max Working Temp: 80°C

### Quick Action Pressure Relief Valve



The Bermad Model 73Q pressure relief valve offers accurate relief pressures that remain unchanged.

Operating Pressure 0.5 - 16 Atm

Adjustment Range 0 - 12 Atm

Rec Relief Setting 1 Atm above normal max.

### 1" Automatic Air Release Valve



For the automatic release of entrapped air pockets from pressurised systems.

Rec Max Working Pressure - Plastic 10 Atm

Rec Max Working Pressure - Metal 16 Atm

Rec Max Working Temp 80°C

Code	Type	M/BSP	Price
35-75-20	Plastic	1	63.17

## Solenoid Coils

### 2 Way Coil



Code	Voltage	Colour	Price
33-12-DC	12 Volt DC	Blue	19.61
33-24-AC	24 Volt AC	Red	19.61
33-24-DC	24 Volt DC	Black	19.61
33-12-OA	120 Volt AC	Red	38.30

### 3 Way Coil



Code	Voltage	Colo	Price
33324-AC	24 Volt AC 3 Way	O/B	33.20
33324-DC	24 Volt DC 3 Way	Black	33.20

### Latching Coil



Code	Voltage	Colo	Price
33-82-50	6-40 V DC	R/B	42.63
33-85-50	12V DC 2Wire on Base	Black	109.19
33-85-55	12V DC 3Wire on Base	Black	109.19

## Controllers

### Galconette



#### Features

- Easy to install and simple to use
- Works with one 9V Battery
- Watering time: from one minute to 12 hours
- Up to four start times per day
- Working pressure from 1 to 10 Bar
- 3/4" BSP Connections
- Weather resistant

Code	Price
34G49001	67.95

### Galcon DC-1 & DC-4



Modern and sophisticated controllers for the automatic operation of a watering system without requiring any mains electricity.

DC-1S and DC-4S the valves are three way.

DC-1 Complete Technical Specifications:

Pressure range	0.7 - 10 Bar
Max temperature	80oC
DC1 & DC-4	2 way valve
DC1S & DC-4S	3 way valve

Code	Description	Price
34G26119	DC1 with 3/4" Valve	167.57
34G26125	DC1 with 1" Valve	167.57
34G26410	DC4 Controller Only	146.72
34G29019	3/4" DC4 Valve	41.85
34G29025	1" DC4 Valve	41.85
34G29050	2" DC4 Valve	115.83

### Galconette E-Z



#### Features

- Easy to install and simple to use
- Works with one 9V Battery
- Watering time: from one minute to 12 hours
- Up to four start times per day
- Working pressure from 1 to 10 Bar
- 3/4" BSP Connections

Code	Price
34G49010	67.95

# Water Meters

## Standard Cold Water Meter



Max Temp 50°C  
Install Horizontally  
Max Pressure 16 Atm.  
Magnetic Drive Multi Jet Principle

Code	Size	Max Flow m3/hr	Nom	Price
36-00-19	3/4"	5	2.5	129.73
36-00-25	1"	10	5	176.06
36-00-32	1 1/4"	12	6	193.05
36-00-40	1 1/2"	20	10	370.66
36-00-50	2"	30	15	473.67

## IRT Irrigation Meter



The Irrigation Water Meter is specially designed to allow free water passage when there is a high level of impurities.

Suitable for vertical or horizontal installation.

Code	Size	Max Flow m3/hr	Nom	Price
36-15-75	3"	150	90	455.60
36-15-99	4"	250	125	540.54
36-15150	6"	500	250	810.81

## Flanged PN16 IRT Irrigation Meter



Code	Size	Max Flow m3/hr	Nom	Price
36-15-85	80	150	90	455.60
36-15105	100	250	125	540.54
36-15160	150	500	250	810.81

## Cold Water Flanged



Max Temp 55°C  
Max Pressure 16 Atm.

Code	Size	Max Flow m3/hr	Nom	Price
36-00-75	3"D	120	55	633.20
36-00-99	4"D	225	100	733.59

## Water Meter with Electrical Output



1/2" - 11/4" 1 Pulse every litre  
11/2" - 2" 1 Pulse every 10 litres

All BSP meters come with tail pieces. The actual thread size is larger than indicated and the tail pieces reduce to the nominal size quoted.

1/2", 3/4", 1", 1 1/4" have a dial indication from 1 litre to 10,000m³

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1 1/2" and above have a dial indication from 10 litre to 100,000m³

## Water Metering Valve



Specifications: 3/4" and 1"  
Max Pressure 6.0 Atm.  
Minimum Pressure 0.5 Atm  
Max Temperature 60°C

Code	Size	Dual Size	Price
36-19-82	3/4" M	0- 2m³	97.30
36-19-85	3/4" M	0- 10m³	97.30



Code	Size	Dual Size	Price
36-25-81	1" M	0- 1m³	152.90
36-25-83	1" M	0- 3m³	152.90
36-25-85	1" M	0- 10m³	152.90
36-25-89	1" M	0- 50m³	152.90

Code	Size	Max Flow m3/hr	Nom	Price
36-10-19	3/4"	5	2.5	171.43
36-10-25	1"	10	5	229.19
36-10-32	1 1/4"	12	6	251.27
36-10-40	1 1/2"	20	10	424.09
36-10-50	2"	30	15	534.98

# Plastic Filters

## Amlad Filters

### Element Table

Code	Colour	Mesh	mm	Use
-50	Green	30	0.50	Sprinklers
-30	Blue	50	0.30	Mini Sprinklers, Mist Propagation, Spray Nozzles
-20	White	75	0.20	
-10	Yellow	155	0.10	Drip Systems, Trickle Irrigation



### 1" Specifications

For Flow Rates up to 7m3/hr /25 gpm  
Recommended Max Working Pressure 8 Bar / 115 psi  
Inlet / Outlet 1" BSP Male

Code	Type	Price
39-10-10	155 Mesh Moulded	86.64
39-10-20	75 Mesh Moulded	86.64
39-10-50	30 Mesh Moulded	86.64
39-10-10-EL	155 Mesh Element	47.10
39-10-20-EL	75 Mesh Element	47.10
39-10-50-EL	30 Mesh Element	47.10



### 3/4" Specifications

For Flow Rates up to 3 m3/hr /10 gpm  
Recommended Max Working Pressure 8 Bar / 115 psi  
Inlet / Outlet 3/4" BSP Male

Code	Type	Price
39-00-10	155 Mesh Moulded	39.23
39-00-20	75 Mesh Moulded	39.23
39-00-50	30 Mesh Moulded	39.23
39-00-10-EL	155 Mesh Element	16.37
39-00-20-EL	75 Mesh Element	16.37
39-00-50-EL	30 Mesh Element	16.37



### 1 1/2" Specifications

For Flow Rates up to 15m3/hr /50 gpm  
Recommended Max Working Pressure 8 Bar / 115 psi  
Inlet / Outlet 1 1/2" BSP Male  
Comes complete with two 1 1/2" sockets

Code	Type	Price
39-12-10	155 Mesh Moulded	176.68
39-12-20	75 Mesh Moulded	176.68
39-12-50	30 Mesh Moulded	176.68
39-11-10-EL	155 Mesh Element	89.73
39-11-20-EL	75 Mesh Element	89.73
39-11-50-EL	30 Mesh Element	89.73

## Plastic Irrifilters



### 3/4" & 1" Specifications

For Flow rates up to 5m3/hr /18 gpm  
Rec. Max Working Pressure 8 Bar / 115 psi at 20oC  
Max. Temperature 60oC  
Inlet/Outlet 41-07-3/4" BSP Male  
41-10-1" BSP Male

Code	Type	Price
41-07-10	155 Mesh Moulded S.S.	12.36
41-07-30	50 Mesh Moulded S.S.	12.36
41-07E10	3/4" 155 Mesh Element	6.95
41-07E30	3/4" 50 Mesh Element	6.95
41-10-10	155 Mesh Moulded S.S.	15.44
41-10-30	50 Mesh Moulded S.S.	15.44
41-10E10	1" 155 Mesh Element	6.95
41-10E30	1" 50 Mesh Element	6.95



### 2" Specifications

For Flow Rates up to 30m3/hr /110 gpm  
Rec. Max Working Pressure 8 Bar / 115 psi  
Inlet / Outlet 2" BSP Female

Code	Type	Price
41-20-10	155 Mesh Moulded S.S.	58.69
41-20-30	50 Mesh Moulded S.S.	58.69
41-20E10	2" 155 Mesh Element	23.17
41-20E30	2" 50 Mesh Element	23.17



### 1 1/2" Specifications

For Flow rates up to 10m3/hr /35 gpm  
Rec. Max. Working Pressure 8 Bar /115 psi at 20oC  
Max. Temperature 60oC  
Inlet/Outlet 11/2" BSP Male

Code	Type	Price
41-15-10	155 Mesh Moulded S.S.	23.17
41-15-30	50 Mesh Moulded S.S.	23.17
41-15E10	11/2" 155 Mesh Element	12.36
41-15E30	11/2" 50 Mesh Element	12.36

### Flushing Valves

Code	For	Price
18-10-16	3/4 - 1 1/4	1.53
18-11-16	1 1/2 - 2	1.54

# Metal Filters

## Metal Filters



### 2" Specifications

For Flow Rates up to 30m3/hr /110 gpm  
Recommended Max. Working Pressure 8 Bar / 115 psi  
Inlet / Outlet 2" BSP Female

Code	Type	Price
43-12-10	155 Mesh SS	487.26
43-12-22	60 Mesh SS	487.26
43-12-10-EL	155 Mesh Disc Element	120.46
43-12-22-EL	60 Mesh Disc Element	120.46

### 3" Specifications

For Flow rates up to 40m3/hr /150 gpm  
Recommended Max. Working Pressure 8 Bar / 115 psi  
Cylinder Material Stainless Steel on PVC  
Inlet/Outlet 3" BSP Female

Code	Type	Price
43-13-10	155 Mesh Stainless Steel	597.37
43-13-22	60 Mesh Stainless Steel	597.37
43-13-10-EL	155 Mesh SS Element	214.36
43-13-22-EL	60 Mesh SS Element	214.36

## Automatic Self-Flushing Metal Filters



These filters come complete with a flushing controller activated at predetermined time intervals (which are adjustable in the field) to flush the residues accumulated in the collecting chamber

### 2" Specifications

For Flow Rates 7 - 25m3/hr  
Recommended Max. Working Pressure 8 Bar / 115 psi  
Cylinder Material Stainless Steel on PVC  
Inlet/Outlet 2" BSP Female  
Flushing Valve Outlet 11/2" BSP Female

Code	Type	Price
43-82-10	155 Mesh Stainless Steel	1350.27
43-82-10-EL	155 Mesh SS Element	286.49

### 3" Specifications

For Flow Rates 14 - 40m3/hr  
Recommended Max. Working Pressure 8 Bar / 115 psi  
Cylinder Material Stainless Steel on PVC  
Inlet/Outlet 3" BSP Female  
Flushing Valve Outlet 11/2" BSP Female

Code	Type	Price
43-83-10	155 Mesh Stainless Steel	1629.34
43-83-10-EL	155 Mesh SS Element	326.02

# Sand Filters

## Sand Filters

These series 4 sand filters have been used successfully where deep and fine filtration of algae contaminated water is required especially with reservoirs and open tanks.

The sand filters are supplied with a 0.25mm oven dried, electrostatic epoxy coating so as to be corrosion resistant.

Code	Size HxD	Inlet/Outlet	Dis	Price
45-00-10	115 x 30 cm	1" F	6 m3/hr	753.51
45-00-15	115 x 39 cm	11/2" F	9m3/hr	844.17
45-00-20	125 x 54 cm	2" F	15m3/hr	964.48
45-00-30	137 x 54 cm	3" F	20m3/hr	1346.10
45-00-22	135 x 61 cm	2" F	28m3/hr	1334.21
45-00-32	135 x 61 cm	3" F	30m3/hr	1374.21

### 'Gravel' for Sand Filters

Code	Description	Price
45-00-FZ	Fine Grade 25 KG	12.12



# Sprinklers & Rainguns

## Eskimo Heavy Duty Rain Gun



Full Circle Rain Gun with superb water distribution and sturdy metal construction.  
Idea for Industry

Code	F/BSP	Nozzle	Price
RAINGUN	1	5.0	185.33
Nozzle size in mm	Pressure in Bar	Output in m3/hr	Diam. of Coverage
5.00	3.0	1.59	30
5.00	4.5	1.95	33

## NaanDan Large Part Circle Metal Sprinkler



Heavy duty metal construction. Part and full circle sprinkler with stainless steel springs and axle. Easy fingertip adjustment to any sector of circle.

Code	F/BSP	Nozzle	Price
62-33-00	3/4	3.9	43.86
Nozzle size in mm	Pressure in Bar	in m3/hr	Diam. of Coverage
4.0x2.4	2.0	1.20	28

## Pope Rotoframe



Low pressure with butterfly rotating spinner and rotary frame

Code	F/BSP	Nozzle	Price
59-00-10	1/2	4.5	13.28
59-00-11	3/4	4.5	13.82

Nozzle size in mm	Pressure in Bar	Output in m3/hr	Diam. of Coverage
4.5	0.5	0.48	8.1
4.5	2.0	0.95	15.9

## Pope Premier



Code	M/BSP	Nozzle	Price
59-00-20	3/4	4 x 2.5	55.60

Nozzle size in mm	Pressure in Bar	Output in m3/hr	Diam. of Coverage
4.0 x 2.5	2.0	1.13	25.7
4.0 x 2.5	3.0	1.35	27.1

## Naan 501 U Outstandingly Reliable



Extra range, turbo hammer, low capacity sprinkler, with excellent water distribution.

Turbo operation ensures uniformity of watered areas, the 501 U has very low precipitation rates.

501 U on Field Stand 1 Complete with 1 metre galvanised rod 8mm hose and connectors.

Code	F/BSP	Nozzle	Price
60-05-01-18	1/2	1.8	8.03
60-05-01-20	1/2	2	8.03
60-05-01-28	1/2	2.8	7.49

Nozzle size in mm	Pressure in Bar	in m3/hr	Diam. of Coverage
1.8	2.0	0.160	13.0
2.0	2.0	0.182	13.0
2.8	2.0	0.275	15.0

## NaanDan Part Circle Plastic Sprinkler



Part circle plastic sprinkler with ratchet fingertip adjustment for watering full circle or any part of it.

Baffle deflector adjustable by a regulator-nut allowing change to both height and range of jet.

Diffuser pin adjusts from heavy to fine stream.

Code	M/BSP	Nozzle	Price
60-04-27-28	1/2	2.8	10.73
60-04-27-40	1/2	4.0	10.73

Nozzle size in mm	Pressure in Bar	Output in m3/hr	Diam. of Coverage
2.8	2.0	0.45	22
4.0	2.0	0.85	24

## Dilutors & Injectors

### Mini Dilutors



Code	Model	Size	Press ATM	Flow Rate M3/hr	Dosage in %	Price
9VAILAD2L	AD2L	7.2 L	3.5	0.3 - 2.3	50:1 - 100:1	94.33
9VAILAD2H	AD2H	7.2 L	3.5	1.1 - 6.8	50:1 - 100:1	94.33
9VAILAD30	AD3	7.0 L	3.5	0.3 - 3.4	200:1	159.79

### Dosatron Injectors



Code	Model	Inlet	Outlet	Flow Rate M3/hr	Dosage in %	Price
9XDOSD116	DI - 16	3/4" M	3/4" M	0.01 - 2.5	0.2 - 1.6	451.44
9XDOSD8RO	D8R	50mm PE		0.01 - 8.0	0.2 - 2.0	1110.78
9XDOSD20R	D20R	63mm PE		1.0 - 20.0	0.2 - 2.0	2227.50
9XDOSD30S	D30S	2" M	2" F	8.0 - 30.0	0.25 - 1.25	2197.80
9XDOSD45	D45RE	1 1/4" M	1 1/4" M	0.1 - 4.5	0.2 - 1.5	699.73

# Water Storage

## Tank Covers



Tank Size	Permeable Cover		Steel Cover		Woven Anti Algae	
	Code	Price	Code	Price	Code	Price
9'	74C09-00	279.71	TC09G	2551.12	TC09M	398.97
12'	74C12-00	358.07	TC12G	2991.56	TC12M	518.09
15'	74C15-00	485.06	TC15G	3725.15	TC15M	598.46
18'	74C18-00	619.33	TC18G	4425.85	TC18M	876.73
21'	74C21-00	771.91	TC21G	6003.14	TC21M	965.25
24'	74C24-00	989.27	TC24G	7215.78	TC24M	1134.13
30'	74C30-00	1347.78	TC30G	12190.75	TC30M	1393.25
36'	74C36-00	1617.04	TC36G	14996.41	TC36M	1745.46

## Tanks and Liners

Tank Size	Tank Exc Liner		Side Fleece		EPDM Liner		
	Nom Gallons	Code	Price	Code	Price	Code	Price
12'x5'0"	3530	TK12/2	1113.97	TKFL12/2	83.23	TL12/2/075E	657.37
12'x7'6"	5280	TK12/3	1591.59	TKFL12/3	124.84	TL12/3/075E	837.27
12'x10"	7000	TK12/4	2083.51	TKFL12/4	161.45	TL12/4/100E	1199.77
15'x7'6"	8280	TK15/3	1991.99	TKFL15/3	166.45	TL15/3/075E	1116.54
15'x10"	11000	TK15/4	2594.02	TKFL15/4	215.22	TL15/4/100E	1578.72
18'x5"	7890	TK18/2	1667.38	TKFL18/2	215.22	TL18/2/075E	1156.01
18'x7'6"	11800	TK18/3	2389.53	TKFK18/3	166.45	TL18/3/075E	1425.71
18'x10'	15800	TK18/4	3111.68	TKFL18/4	215.22	TL18/4/100E	1986.27
21'x5'0"	10800	TK21/2	1941.94	TKFL21/2	138.71	TL21/2/075E	1448.59
21'x7'6"	16200	TK21/3	2782.78	TKFL21/3	208.07	TL21/3/075E	1763.19
24'x7'6"	21100	TK24/3	3780.92	TKFL24/3	268.98	TL24/3/075E	2127.84
24'x10"	28180	TK24/4	4365.79	TKFL24/4	247.53	TL24/4/100E	2897.18
24'x12'6"	35100	TK24/5	5499.78	TKFL24/5	322.89	TL24/5/100E	4879.16
30'x10'	43900	TK30/4	5674.24	TKFL30/4	403.69	TL30/4/100E	3932.50
30'x15'	65800	TK30/6	9611.03	TKFL30/6	376.66	TL30/6/100E	5368.22
36'x7'6"	47560	TK36/3	5229.51	TKFL36/3	564.99	TL36/3/075E	3868.15
36'x10"	63200	TK36/4	7171.45	TKFL36/4	430.43	TL36/4/100E	5092.23
36'x12'6"	79000	TK36/5	9528.09	TKFL36/5	538.40	TL36/5/100E	5685.68
48'x10'	112300	TK48/4	10723.57	TKFL48/4	1127.13	TL48/4/100E	7784.92

Please note that these are guide prices only. Sales price will be confirmed upon ordering.

## Tank



Size	Code	Price
4L Tank	T4NA2BC	66.29
5L Tank	T5NA4V	60.09
12L Tank	T12NA4V	71.01
18L Tank	T18NA6V	69.88
20L Tank	T20NA4V	76.98
25L Tank	T25NA8S	76.83
36L Tank	T36NA6V	90.96
50L Tank	T50NA6V	111.60
65L Tank	T65NA5	122.35
140L Tank	T140NA8PL	157.11

## Flat Tank



Size	Code	Price
12L 4" Vented Lid	T12FNA4V	69.59
60L	T60FNA5	123.80
75L	T75FNA8PL	142.76
80L C/W Neck	T80FNA8VS	108.97
85L	T85FNA5	140.30
95L	T95FNA5	152.62
105L	T105FNA5	163.39
125L	T125FNA8PL	801.99
175L	T175FNA8PL	213.17
210L	T210FNA8PL	232.68
250L Baffled	T250FNA8PL	252.41
350L	T350FNA6V	287.16
400L	T400FNA8PL	349.49
450L	T450FNA8PL	370.13
460L	T460FNA8PL	308.88
500L	T500FNA8PL	384.03
530L	T530NA16H	404.88
650L	T650FNA8PL	427.97
800L	T800FNA8PL	564.31
1000L	T1000FNA8PL	627.76
1250L	T1250FNA8PL	801.99

## Tower Tank



Size	Code	Price
28L	T28TNA5	87.60
60L	T60TNA5	123.80
95L	T95TNA4V	152.62
105L	T105TNA6V	163.39
200L	T200TNA6V	312.31
210L	T210TNA8GH	232.68
250L	T250TNA6V	213.64
450L	T450TNA8GH	388.73

**Upright Tank**

Size	Code	Price
75L	T75UNA8GH	142.76
85L	T85UNA6V	140.30
95L	T95UNA6V	121.84
105L	T105UNA5	163.39
125L	T125UNA8VS	182.00
200L c/w 1" Reducer	T200UNA6V	277.99
210L	T210UNA8GH	232.68
325L	T325UNA8GH	275.50
350L	T350UNA6V	287.16
400L	T400UNA8VS	320.58
460L	T460UNA8V	308.88
500L	T500UNA8VS	384.03
650L	T650UNA8VS	427.97
800L	T800UNA8VS	564.31
1000L	T1000UNA8GH	654.21
1250L	T1250UNA8GH	801.99

**Baffled D Tank**

Size	Code	Price
900L	T900FNABF16GH	602.20

# Clips

## Rubber Lined Munsen Rings - Galvanised M8/M10 Thread



Code	Size	Price
RLC 15-19	15-19 mm	1.52
RLC 20-25	20-25 mm	1.62
RLC 26-30	26-30 mm	1.75
RLC 32-36	32-36 mm	2.05
RLC 38-43	38-43 mm	2.15
RLC 47-51	47-51 mm	2.15
RLC 50-54	50-54 mm	2.15
RLC 54-58	54-58 mm	2.15
RLC 67-73	67-73 mm	2.61
RLC 75-80	75-80 mm	2.74
RLC 87-92	87-92 mm	2.97
RLC 99-105	99-105 mm	3.23
RLC 108-114	108-114 mm	4.82
RLC 125-130	125-130 mm	4.82
RLC 133-141	133-141 mm	5.08
RLC 159-166	159-166 mm	6.44
RLC 200-220	200-220 mm	7.43

## Rubber Lined Munsen Rings - Stainless Steel M8/M10 Thread



Code	Size	Price
RLC-SS-15-19	15-19	3.27
RLC-SS-20-25	20-25	3.47
RLC-SS-25-31	25-31	4.95
RLC-SS-32-35	32-35	5.54
RLC-SS-40-43	40-43	5.74
RLC-SS-44-49	44-49	6.04
RLC-SS-50-56	50-56	5.84
RLC-SS-57-61	57-61	7.82
RLC-SS-63-67	63-67	8.91
RLC-SS-70-73	70-73	9.21
RLC-SS-74-80	74-80	9.50
RLC-SS-81-86	81-86	10.30
RLC-SS-87-92	87-92	10.40
RLC-SS-95-103	95-103	13.66
RLC-SS-102-116	102-116	13.86
RLC-SS-121-127	121-127	15.25
RLC-SS-133-141	133-141	16.14
RLC-SS-159-168	159-168	17.03
RLC-SS-192-207	192-207	18.12

**Industrial Pipe Clip Black PP**

Code	Size mm	Price
BCI.0160	16	1.77
BCI.0200	20 (1/2")	2.11
BCI.0250	25 (3/4")	2.24
BCI.0320	32 (1")	2.48

**Industrial Pipe Clip Black PP**

Code	Size mm	Price
BCI.0400	40 (1 1/4")	3.31
BCI.0500	50 (1 1/2")	3.59
BCI.0630	63 (2")	4.54
BCI.0750	75 (2 1/2")	8.67
BCI.0900	90 (3")	10.57
BCI.1100	110 (4")	14.69
BCI.1250	125	23.45
BCI.1400	140 (5")	25.89
BCI.1600	160 (6")	33.03

**Industrial Pipe Clip Black PP**

Code	Size mm	Price
BCI.1800	180	35.00
BCI.2000	200	48.84
BCI.2250	225 (8")	56.88
BCI.2500	250 (10")	72.49
BCI.2800	280	84.19
BCI.3150	315	88.44
BCI.3550	355	100.27
BCI.4000	400	108.42

**Industrial Spacing Block Black PP**

Code	Size mm	Price
961.42.01	16	0.90
961.42.02	20 (1/2")	1.07
961.42.03	25 (3/4")	1.28
961.42.04	32 (1")	1.58
961.42.05	40 (1 1/4")	1.84
961.42.06	50 (1 1/2")	2.48
961.42.07	63 (2")	3.43
961.42.08	75 (2 1/2")	4.96
961.42.09	90 (3")	5.14
961.42.10	110 (4")	5.89

**Cast Brass Screw on Brackets**

Code	Size mm	Price
673010PK	15	1.54
673020PK	22	2.11
673030PK	28	2.63
673040PK	35	3.95
673050PK	42	5.11
673060PK	54	9.85

**Brass Single Rings 10mm with Boss**

Code	Size mm	Price
673310PK	15	1.92
673320PK	22	2.22
673330PK	28	3.05
673340PK	35	3.05
673350PK	42	3.53
673360PK	54	7.03

**Brass Back Plate**

Code	Size mm	Price
673802PK	10mm Male Metric Boss	2.14
673801PK	10mm Female Metric Boss	1.88

# Specialist Engineered Products

In our manufacturing facility we have the capacity to manufacture a wide range of bolts and components. Included within this catalogue is a sample of our standard products but by no means the range of our capability.

These are manufactured in various sizes from M8 to M16 and materials used are both stainless and carbon steel.

Carbon steel products are electro-plated in house as standard unless otherwise requested.

All products are batch tested to ensure pull, torque, sheer, material hardness and plating quality are maintained to a high standard. In-house records for quality control are available on request.

## Stainless Steel Products

Stainless Steel products are custom made to order with a quick completion.

## Bespoke Orders

We can manufacture products to our customers specifications such as Flat Bed U Bolts, Anti-Vibration U Bolts, Off-Set Bolts or a different size bolt not currently listed in our catalogue.

### Large Diameter Pipe Brackets



Code	Size	Price
Pipe-Bracket	Custom Made to Measure	POA

### M16 U Bolts for Pipe



Code	Size " / mm	Price
M16-Pipe-8-200	8" / 200mm	POA
M16-Pipe-10-250	10" / 250mm	POA
M16-Pipe-12-300	12" / 300mm	POA
M16-Pipe-14-350	14" / 350mm	POA
M16-Pipe-16-400	16" / 400mm	POA
M16-Pipe-18-450	18" / 450mm	POA
M16-Pipe-20-500	20" / 500mm	POA

## M8 Square U Bolts



Code	Size	Price
UBOLT-SQ-40100-08-01	40mm Width x 100mm Length	3.47
UBOLT-SQ-40120-08-01	40mm Width x 120mm Length	3.47
UBOLT-SQ-40150-08-01	40mm Width x 150mm Length	3.47
UBOLT-SQ-40200-08-01	40mm Width x 200mm Length	3.86
UBOLT-SQ-50100-08-01	50mm Width x 100mm Length	3.47
UBOLT-SQ-50120-08-01	50mm Width x 120mm Length	3.96
UBOLT-SQ-50150-08-01	50mm Width x 150mm Length	3.96
UBOLT-SQ-50200-08-01	50mm Width x 200mm Length	3.96
UBOLT-SQ-55100-08-01	55mm Width x 100mm Length	3.47
UBOLT-SQ-55120-08-01	55mm Width x 120mm Length	3.47
UBOLT-SQ-55150-08-01	55mm Width x 150mm Length	3.86
UBOLT-SQ-55200-08-01	55mm Width x 200mm Length	3.96
UBOLT-SQ-60100-08-01	60mm Width x 100mm Length	3.47
UBOLT-SQ-60120-08-01	60mm Width x 120mm Length	3.47
UBOLT-SQ-60150-08-01	60mm Width x 150mm Length	3.86
UBOLT-SQ-60200-08-01	60mm Width x 200mm Length	3.96
UBOLT-SQ-65100-08-01	65mm Width x 100mm Length	3.47
UBOLT-SQ-65120-08-01	65mm Width x 120mm Length	3.47
UBOLT-SQ-65150-08-01	65mm Width x 150mm Length	3.86
UBOLT-SQ-65200-08-01	65mm Width x 200mm Length	4.16
UBOLT-SQ-70100-08-01	70mm Width x 100mm Length	3.47
UBOLT-SQ-70120-08-01	70mm Width x 120mm Length	3.47
UBOLT-SQ-70150-08-01	70mm Width x 150mm Length	3.86
UBOLT-SQ-70200-08-01	70mm Width x 200mm Length	4.16
UBOLT-SQ-75100-08-01	75mm Width x 100mm Length	3.86
UBOLT-SQ-75120-08-01	75mm Width x 120mm Length	4.16
UBOLT-SQ-75150-08-01	75mm Width x 150mm Length	4.16
UBOLT-SQ-75200-08-01	75mm Width x 200mm Length	4.75

**M10 Square Plated U Bolts**

Code	Size	Price
UBOLT-SQ-40100-10-01	40mm Width x 100mm Length	3.85
UBOLT-SQ-40120-10-01	40mm Width x 120mm Length	3.85
UBOLT-SQ-40150-10-01	40mm Width x 150mm Length	3.85
UBOLT-SQ-40200-10-01	40mm Width x 200mm Length	4.29
UBOLT-SQ-50100-10-01	50mm Width x 100mm Length	3.85
UBOLT-SQ-50120-10-01	50mm Width x 120mm Length	4.40
UBOLT-SQ-50150-10-01	50mm Width x 150mm Length	4.40
UBOLT-SQ-50200-10-01	50mm Width x 200mm Length	4.40
UBOLT-SQ-55100-10-01	55mm Width x 100mm Length	3.85
UBOLT-SQ-55120-10-01	55mm Width x 120mm Length	3.85
UBOLT-SQ-55150-10-01	55mm Width x 150mm Length	4.29
UBOLT-SQ-55200-10-01	55mm Width x 200mm Length	4.40
UBOLT-SQ-60100-10-01	60mm Width x 100mm Length	3.85
UBOLT-SQ-60120-10-01	60mm Width x 120mm Length	3.85
UBOLT-SQ-60150-10-01	60mm Width x 150mm Length	4.29
UBOLT-SQ-60200-10-01	60mm Width x 200mm Length	4.40
UBOLT-SQ-65100-10-01	65mm Width x 100mm Length	3.85
UBOLT-SQ-65120-10-01	65mm Width x 120mm Length	3.85
UBOLT-SQ-65150-10-01	65mm Width x 150mm Length	4.29
UBOLT-SQ-65200-10-01	65mm Width x 200mm Length	4.62
UBOLT-SQ-70100-10-01	70mm Width x 100mm Length	3.85
UBOLT-SQ-70120-10-01	70mm Width x 120mm Length	3.85
UBOLT-SQ-70150-10-01	70mm Width x 150mm Length	4.29
UBOLT-SQ-70200-10-01	70mm Width x 200mm Length	4.62
UBOLT-SQ-75100-10-01	75mm Width x 100mm Length	4.29
UBOLT-SQ-75120-10-01	75mm Width x 120mm Length	4.62
UBOLT-SQ-75150-10-01	75mm Width x 150mm Length	4.62
UBOLT-SQ-75200-10-01	75mm Width x 200mm Length	5.28

## M12 Square Plated U Bolts



Code	Size	Price
UBOLT-SQ-40100-12-01	40mm Width x 100mm Length	4.40
UBOLT-SQ-40120-12-01	40mm Width x 120mm Length	4.40
UBOLT-SQ-40150-12-01	40mm Width x 150mm Length	4.40
UBOLT-SQ-40200-12-01	40mm Width x 200mm Length	4.84
UBOLT-SQ-45100-12-01	45mm Width x 100mm Length	4.40
UBOLT-SQ-45120-12-01	45mm Width x 120mm Length	4.40
UBOLT-SQ-45150-12-01	45mm Width x 150mm Length	4.40
UBOLT-SQ-45200-12-01	45mm Width x 200mm Length	4.84
UBOLT-SQ-50100-12-01	50mm Width x 100mm Length	4.40
UBOLT-SQ-50120-12-01	50mm Width x 120mm Length	4.40
UBOLT-SQ-50150-12-01	50mm Width x 150mm Length	4.84
UBOLT-SQ-50200-12-01	50mm Width x 200mm Length	4.95
UBOLT-SQ-55100-12-01	55mm Width x 100mm Length	4.40
UBOLT-SQ-55120-12-01	55mm Width x 120mm Length	4.40
UBOLT-SQ-55150-12-01	55mm Width x 150mm Length	4.84
UBOLT-SQ-55200-12-01	55mm Width x 200mm Length	4.95
UBOLT-SQ-60100-12-01	60mm Width x 100mm Length	4.40
UBOLT-SQ-60120-12-01	60mm Width x 120mm Length	4.40
UBOLT-SQ-60150-12-01	60mm Width x 150mm Length	4.84
UBOLT-SQ-60200-12-01	60mm Width x 200mm Length	4.95
UBOLT-SQ-65100-12-01	65mm Width x 100mm Length	4.40
UBOLT-SQ-65120-12-01	65mm Width x 120mm Length	4.40
UBOLT-SQ-65150-12-01	65mm Width x 150mm Length	4.84
UBOLT-SQ-65200-12-01	65mm Width x 200mm Length	5.17
UBOLT-SQ-70100-12-01	70mm Width x 100mm Length	4.40
UBOLT-SQ-70120-12-01	70mm Width x 120mm Length	4.40
UBOLT-SQ-70150-12-01	70mm Width x 150mm Length	4.84
UBOLT-SQ-70200-12-01	70mm Width x 200mm Length	5.17
UBOLT-SQ-75100-12-01	75mm Width x 100mm Length	4.84
UBOLT-SQ-75120-12-01	75mm Width x 120mm Length	5.17
UBOLT-SQ-75150-12-01	75mm Width x 150mm Length	5.17
UBOLT-SQ-75200-12-01	75mm Width x 200mm Length	5.83

**M8 Round Plated U Bolts**

Code	Size	Price
UBOLT-RD-40100-08-01	40mm Width x 100mm Length	3.47
UBOLT-RD-40120-08-01	40mm Width x 120mm Length	3.47
UBOLT-RD-40150-08-01	40mm Width x 150mm Length	3.47
UBOLT-RD-40200-08-01	40mm Width x 200mm Length	3.86
UBOLT-RD-50100-08-01	50mm Width x 100mm Length	3.47
UBOLT-RD-50120-08-01	50mm Width x 120mm Length	3.96
UBOLT-RD-50150-08-01	50mm Width x 150mm Length	3.96
UBOLT-RD-50200-08-01	50mm Width x 200mm Length	3.96
UBOLT-RD-55100-08-01	55mm Width x 100mm Length	3.47
UBOLT-RD-55120-08-01	55mm Width x 120mm Length	3.47
UBOLT-RD-55150-08-01	55mm Width x 150mm Length	3.86
UBOLT-RD-55200-08-01	55mm Width x 200mm Length	3.96
UBOLT-RD-60100-08-01	60mm Width x 100mm Length	3.47
UBOLT-RD-60120-08-01	60mm Width x 120mm Length	3.47
UBOLT-RD-60150-08-01	60mm Width x 150mm Length	3.86
UBOLT-RD-60200-08-01	60mm Width x 200mm Length	3.96
UBOLT-RD-65100-08-01	65mm Width x 100mm Length	3.47
UBOLT-RD-65120-08-01	65mm Width x 120mm Length	3.47
UBOLT-RD-65150-08-01	65mm Width x 150mm Length	3.86
UBOLT-RD-65200-08-01	65mm Width x 200mm Length	4.16
UBOLT-RD-70100-08-01	70mm Width x 100mm Length	3.47
UBOLT-RD-70120-08-01	70mm Width x 120mm Length	3.47
UBOLT-RD-70150-08-01	70mm Width x 150mm Length	3.86
UBOLT-RD-70200-08-01	70mm Width x 200mm Length	4.16
UBOLT-RD-75100-08-01	75mm Width x 100mm Length	3.86
UBOLT-RD-75120-08-01	75mm Width x 120mm Length	4.16
UBOLT-RD-75150-08-01	75mm Width x 150mm Length	4.16
UBOLT-RD-75200-08-01	75mm Width x 200mm Length	4.75

## M10 Round Plated U Bolts



Code	Size	Price
UBOLT-RD-40100-10-01	40mm Width x 100mm Length	3.85
UBOLT-RD-40120-10-01	40mm Width x 120mm Length	3.85
UBOLT-RD-40150-10-01	40mm Width x 150mm Length	3.85
UBOLT-RD-40200-10-01	40mm Width x 200mm Length	4.29
UBOLT-RD-50100-10-01	50mm Width x 100mm Length	3.85
UBOLT-RD-50120-10-01	50mm Width x 120mm Length	4.40
UBOLT-RD-50150-10-01	50mm Width x 150mm Length	4.40
UBOLT-RD-50200-10-01	50mm Width x 200mm Length	4.40
UBOLT-RD-55100-10-01	55mm Width x 100mm Length	3.85
UBOLT-RD-55120-10-01	55mm Width x 120mm Length	3.85
UBOLT-RD-55150-10-01	55mm Width x 150mm Length	4.29
UBOLT-RD-55200-10-01	55mm Width x 200mm Length	4.40
UBOLT-RD-60100-10-01	60mm Width x 100mm Length	3.85
UBOLT-RD-60120-10-01	60mm Width x 120mm Length	3.85
UBOLT-RD-60150-10-01	60mm Width x 150mm Length	4.29
UBOLT-RD-60200-10-01	60mm Width x 200mm Length	4.40
UBOLT-RD-65100-10-01	65mm Width x 100mm Length	3.85
UBOLT-RD-65120-10-01	65mm Width x 120mm Length	3.85
UBOLT-RD-65150-10-01	65mm Width x 150mm Length	4.29
UBOLT-RD-65200-10-01	65mm Width x 200mm Length	4.62
UBOLT-RD-70100-10-01	70mm Width x 100mm Length	3.85
UBOLT-RD-70120-10-01	70mm Width x 120mm Length	3.85
UBOLT-RD-70150-10-01	70mm Width x 150mm Length	4.29
UBOLT-RD-70200-10-01	70mm Width x 200mm Length	4.62
UBOLT-RD-75100-10-01	75mm Width x 100mm Length	4.29
UBOLT-RD-75120-10-01	75mm Width x 120mm Length	4.62
UBOLT-RD-75150-10-01	75mm Width x 150mm Length	4.62
UBOLT-RD-75200-10-01	75mm Width x 200mm Length	5.28

**M12 Round Plated U Bolts**

Code	Size	Price
UBOLT-RD-40100-12-01	40mm Width x 100mm Length	4.40
UBOLT-RD-40120-12-01	40mm Width x 120mm Length	4.40
UBOLT-RD-40150-12-01	40mm Width x 150mm Length	4.40
UBOLT-RD-40200-12-01	40mm Width x 200mm Length	4.84
UBOLT-RD-45100-12-01	45mm Width x 100mm Length	4.40
UBOLT-RD-45120-12-01	45mm Width x 120mm Length	4.40
UBOLT-RD-45150-12-01	45mm Width x 150mm Length	4.40
UBOLT-RD-45200-12-01	45mm Width x 200mm Length	4.84
UBOLT-RD-50100-12-01	50mm Width x 100mm Length	4.40
UBOLT-RD-50120-12-01	50mm Width x 120mm Length	4.40
UBOLT-RD-50150-12-01	50mm Width x 150mm Length	4.84
UBOLT-RD-50200-12-01	50mm Width x 200mm Length	4.95
UBOLT-RD-55100-12-01	55mm Width x 100mm Length	4.40
UBOLT-RD-55120-12-01	55mm Width x 120mm Length	4.40
UBOLT-RD-55150-12-01	55mm Width x 150mm Length	4.84
UBOLT-RD-55200-12-01	55mm Width x 200mm Length	4.95
UBOLT-RD-60100-12-01	60mm Width x 100mm Length	4.40
UBOLT-RD-60120-12-01	60mm Width x 120mm Length	4.40
UBOLT-RD-60150-12-01	60mm Width x 150mm Length	4.84
UBOLT-RD-60200-12-01	60mm Width x 200mm Length	4.95
UBOLT-RD-65100-12-01	65mm Width x 100mm Length	4.40
UBOLT-RD-65120-12-01	65mm Width x 120mm Length	4.40
UBOLT-RD-65150-12-01	65mm Width x 150mm Length	4.84
UBOLT-RD-65200-12-01	65mm Width x 200mm Length	5.17
UBOLT-RD-70100-12-01	70mm Width x 100mm Length	4.40
UBOLT-RD-70120-12-01	70mm Width x 120mm Length	4.40
UBOLT-RD-70150-12-01	70mm Width x 150mm Length	4.84
UBOLT-RD-70200-12-01	70mm Width x 200mm Length	5.17
UBOLT-RD-75100-12-01	75mm Width x 100mm Length	4.84
UBOLT-RD-75120-12-01	75mm Width x 120mm Length	5.17
UBOLT-RD-75150-12-01	75mm Width x 150mm Length	5.17
UBOLT-RD-75200-12-01	75mm Width x 200mm Length	5.83

**M8 Square Bend Hook Bolts**

Code	Size	Price
Square-Bend-M8-40-120	40mm Width x 120mm Length	3.47
Square-Bend-M8-40-150	40mm Width x 150mm Length	3.82
Square-Bend-M8-40-200	40mm Width x 200mm Length	4.74
Square-Bend-M8-50-120	50mm Width x 120mm Length	3.64
Square-Bend-M8-50-150	50mm Width x 150mm Length	4.00
Square-Bend-M8-50-200	50mm Width x 200mm Length	4.98
Square-Bend-M8-60-120	60mm Width x 120mm Length	3.82
Square-Bend-M8-60-150	60mm Width x 150mm Length	4.21
Square-Bend-M8-60-200	60mm Width x 200mm Length	5.23

**M10 Square Bend Hook Bolts**

Code	Size	Price
Square-Bend-M10-40-120	40mm Width x 120mm Length	3.64
Square-Bend-M10-40-150	40mm Width x 150mm Length	4.01
Square-Bend-M10-40-200	40mm Width x 200mm Length	4.98
Square-Bend-M10-50-120	50mm Width x 120mm Length	3.82
Square-Bend-M10-50-150	50mm Width x 150mm Length	4.20
Square-Bend-M10-50-200	50mm Width x 200mm Length	5.23
Square-Bend-M10-60-120	60mm Width x 120mm Length	4.01
Square-Bend-M10-60-150	60mm Width x 150mm Length	4.21
Square-Bend-M10-60-200	60mm Width x 200mm Length	5.49

**M12 Square Bend Hook Bolts**

Code	Size	Price
Square-Bend-M12-40-120	40mm Width x 120mm Length	3.82
Square-Bend-M12-40-150	40mm Width x 150mm Length	4.21
Square-Bend-M12-40-200	40mm Width x 200mm Length	5.23
Square-Bend-M12-50-120	50mm Width x 120mm Length	4.02
Square-Bend-M12-50-150	50mm Width x 150mm Length	4.41
Square-Bend-M12-50-200	50mm Width x 200mm Length	5.49
Square-Bend-M12-60-120	60mm Width x 120mm Length	4.21
Square-Bend-M12-60-150	60mm Width x 150mm Length	4.64
Square-Bend-M12-60-200	60mm Width x 200mm Length	5.76

**Hook Bolts**

Code	Size	Price
Hook-Bolt-M8-100-01	M8 - 100mm Length	0.95
Hook-Bolt-M8-150-01	M8 - 150mm Length	1.03
Hook-Bolt-M8-200-01	M8 - 200mm Length	1.31
Hook-Bolt-M8-250-01	M8 - 250mm Length	1.32
Hook-Bolt-M10-100-01	M10 - 100mm Length	1.25
Hook-Bolt-M10-150-01	M10 - 150mm Length	1.44
Hook-Bolt-M10-200-01	M10 - 200mm Length	1.47
Hook-Bolt-M10-250-01	M10 - 250mm Length	1.66
Hook-Bolt-M12-100-01	M12 - 100mm Length	1.73
Hook-Bolt-M12-150-01	M12 - 150mm Length	1.79
Hook-Bolt-M12-200-01	M12 - 200mm Length	1.86
Hook-Bolt-M12-250-01	M12 - 250mm Length	1.91

**Pig Tail Eye Bolts**

Code	Size	
Pig-Tail-Bolt-M8-100-01	M8 - 100mm Length	0.95
Pig-Tail-Bolt-M8-150-01	M8 - 150mm Length	1.03
Pig-Tail-Bolt-M8-200-01	M8 - 200mm Length	1.31
Pig-Tail-Bolt-M8-250-01	M8 - 250mm Length	1.32
Pig-Tail-Bolt-M10-100-01	M10 - 100mm Length	1.25
Pig-Tail-Bolt-M10-150-01	M10 - 150mm Length	1.44
Pig-Tail-Bolt-M10-200-01	M10 - 200mm Length	1.47
Pig-Tail-Bolt-M10-250-01	M10 - 250mm Length	1.66
Pig-Tail-Bolt-M12-100-01	M12 - 100mm Length	1.73
Pig-Tail-Bolt-M12-150-01	M12 - 150mm Length	1.79
Pig-Tail-Bolt-M12-200-01	M12 - 200mm Length	1.86
Pig-Tail-Bolt-M12-250-01	M12 - 250mm Length	1.91

**Eye Bolts**

Code	Size	
Eye-Bolt-M8-100-01	M8 - 100mm Length	0.95
Eye-Bolt-M8-150-01	M8 - 150mm Length	1.03
Eye-Bolt-M8-200-01	M8 - 200mm Length	1.31
Eye-Bolt-M8-250-01	M8 - 250mm Length	1.32
Eye-Bolt-M10-100-01	M10 - 100mm Length	1.25
Eye-Bolt-M10-150-01	M10 - 150mm Length	1.44
Eye-Bolt-M10-200-01	M10 - 200mm Length	1.47
Eye-Bolt-M10-250-01	M10 - 250mm Length	1.66
Eye-Bolt-M12-100-01	M12 - 100mm Length	1.73
Eye-Bolt-M12-150-01	M12 - 150mm Length	1.79
Eye-Bolt-M12-200-01	M12 - 200mm Length	1.86
Eye-Bolt-M12-250-01	M12 - 250mm Length	1.91

**Back Plates**

Code	Size	Price
BP-M8-40MM	M8 - 40MM Width	0.51
BP-M8-50MM	M8 - 50MM Width	0.51
BP-M8-55MM	M8 - 55MM Width	0.51
BP-M8-60MM	M8 - 60MM Width	0.51
BP-M8-65MM	M8 - 65MM Width	0.51
BP-M8-70MM	M8 - 70MM Width	0.51
BP-M8-75MM	M8 - 75MM Width	0.51
BP-M10-40MM	M10 - 40MM Width	0.51
BP-M10-50MM	M10 - 50MM Width	0.51
BP-M10-55MM	M10 - 55MM Width	0.51
BP-M10-60MM	M10 - 60MM Width	0.51
BP-M10-65MM	M10 - 65MM Width	0.51
BP-M10-70MM	M10 - 70MM Width	0.51
BP-M10-75MM	M10 - 75MM Width	0.51
BP-M12-40MM	M12 - 40MM Width	0.51
BP-M12-45MM	M12 - 45MM Width	0.51
BP-M12-50MM	M12 - 50MM Width	0.51
BP-M12-55MM	M12 - 55MM Width	0.51
BP-M12-60MM	M12 - 60MM Width	0.51
BP-M12-65MM	M12 - 65MM Width	0.51
BP-M12-70MM	M12 - 70MM Width	0.51
BP-M12-75MM	M12 - 75MM Width	0.51

# Specialist Engineered Trailer Products

In our manufacturing facility we have expanded to include a range of weldable trailer products manufactured in various sizes from M10 to M16.

The products and size range included within this catalogue is a sample of our standard products and intended to be a guide only. This is by no means the range of our capability.

All products are batch tested to ensure pull, torque, sheer, material hardness and plating quality are maintained to a high standard. In-house records for quality control are available on request.

## Bespoke Orders

We can manufacture products to our customers specifications including different size specifications as well as volume orders.

### Weld on U



Code	Size	Price
Weld-on-U-M10-50-60	50mm Width x 60mm Length - Pk of 2	4.95
Weld-on-U-M12-50-60	50mm Width x 60mm Length - Pk of 2	5.50
Weld-on-U-M16-85-80	85mm Width x 80mm Length - Pk of 2	7.70

### Weld on Tie Down



Code	Size	Price
Weld-Tie-Down-M10-50-60	50mm Width x 60mm Length - Pk of 2	4.95
Weld-Tie-Down-M12-50-60	50mm Width x 60mm Length - Pk of 2	5.50
Weld-Tie-Down-M16-85-80	85mm Width x 80mm Length - Pk of 2	7.70

### Weld on Hook



Code	Size	Price
Weld-on-Hook-M10-60-60	60mm Width x 60mm Length - Pk of 2	4.95
Weld-on-Hook-M12-60-60	60mm Width x 60mm Length - Pk of 2	5.50
Weld-on-Hook-M16-85-85	85mm Width x 85mm Length - Pk of 2	7.70

# Starlock Washers

Capped Starlock Washer For Metric Round Shaft



Code	Size	Price
Star-03c-10	3mm - Pack Of 10	2.19
Star-04c-10	4mm - Pack Of 10	2.41
Star-05c-10	5mm - Pack Of 10	2.65
Star-06c-10	6mm - Pack Of 10	2.91
Star-08c-10	8mm - Pack Of 10	3.20
Star-09c-10	9mm - Pack Of 10	3.53
Star-10c-10	10mm - Pack Of 10	3.88
Star-12c-10	12mm - Pack Of 10	4.27
Star-03c-25	3mm - Pack Of 25	3.41
Star-04c-25	4mm - Pack Of 25	3.75
Star-05c-25	5mm - Pack Of 25	4.13
Star-06c-25	6mm - Pack Of 25	4.54
Star-08c-25	8mm - Pack Of 25	4.99
Star-09c-25	9mm - Pack Of 25	5.49
Star-10c-25	10mm - Pack Of 25	6.04
Star-12c-25	12mm - Pack Of 25	6.65
Star-03c-50	3mm - Pack Of 50	6.25
Star-04c-50	4mm - Pack Of 50	6.87
Star-05c-50	5mm - Pack Of 50	7.56
Star-06c-50	6mm - Pack Of 50	8.32
Star-08c-50	8mm - Pack Of 50	9.15
Star-09c-50	9mm - Pack Of 50	10.06
Star-10c-50	10mm - Pack Of 50	11.07
Star-12c-50	12mm - Pack Of 50	12.18
Star-03c-100	3mm - Pack Of 100	10.12
Star-04c-100	4mm - Pack Of 100	11.13
Star-05c-100	5mm - Pack Of 100	12.25
Star-06c-100	6mm - Pack Of 100	13.47
Star-08c-100	8mm - Pack Of 100	14.82
Star-09c-100	9mm - Pack Of 100	16.30
Star-10c-100	10mm - Pack Of 100	17.93
Star-12c-100	12mm - Pack Of 100	19.72

## Genuine Starlock Washer For Metric Round Shaft



Code	Size	Price
Star-03-10	3mm - Pack Of 10	1.93
Star-04-10	4mm - Pack Of 10	2.12
Star-05-10	5mm - Pack Of 10	2.33
Star-06-10	6mm - Pack Of 10	2.56
Star-07-10	7mm - Pack Of 10	2.82
Star-08-10	8mm - Pack Of 10	3.10
Star-09-10	9mm - Pack Of 10	3.41
Star-10-10	10mm - Pack Of 10	3.75
Star-12-10	12mm - Pack Of 10	4.13
Star-14-10	14mm - Pack Of 10	4.54
Star-16-10	16mm - Pack Of 10	4.99
Star-03-25	3mm - Pack Of 25	3.25
Star-04-25	4mm - Pack Of 25	3.57
Star-05-25	5mm - Pack Of 25	3.93
Star-06-25	6mm - Pack Of 25	4.32
Star-07-25	7mm - Pack Of 25	4.75
Star-08-25	8mm - Pack Of 25	5.23
Star-09-25	9mm - Pack Of 25	5.75
Star-10-25	10mm - Pack Of 25	6.32
Star-12-25	12mm - Pack Of 25	6.96
Star-14-25	14mm - Pack Of 25	7.65
Star-16-25	16mm - Pack Of 25	8.42
Star-03-50	3mm - Pack Of 50	6.05
Star-04-50	4mm - Pack Of 50	6.66
Star-05-50	5mm - Pack Of 50	7.32
Star-06-50	6mm - Pack Of 50	8.05
Star-07-50	7mm - Pack Of 50	8.86
Star-08-50	8mm - Pack Of 50	9.74
Star-09-50	9mm - Pack Of 50	10.72
Star-10-50	10mm - Pack Of 50	11.79
Star-12-50	12mm - Pack Of 50	12.97
Star-14-50	14mm - Pack Of 50	14.27
Star-16-50	16mm - Pack Of 50	15.69
Star-03-100	3mm - Pack Of 100	9.89
Star-04-100	4mm - Pack Of 100	10.88
Star-05-100	5mm - Pack Of 100	11.97
Star-06-100	6mm - Pack Of 100	13.16
Star-07-100	7mm - Pack Of 100	14.48
Star-08-100	8mm - Pack Of 100	15.93
Star-09-100	9mm - Pack Of 100	17.52
Star-10-100	10mm - Pack Of 100	19.27
Star-12-100	12mm - Pack Of 100	21.20
Star-14-100	14mm - Pack Of 100	23.32
Star-16-100	16mm - Pack Of 100	25.65

## Genuine Starlock Washer For Metric Round Shaft



## Pack of 10

Star-1-8-10	1/8 Inch - Pack of 10	1.93
Star-3-16-10	3/16 Inch - Pack of 10	1.93
Star-1-4-10	1/4 Inch - Pack of 10	2.56
Star-3-8-10	3/8 Inch - Pack of 10	3.75
Star-7-16-10	7/16 Inch - Pack of 10	4.13
Star-1-2-10	1/2 Inch - Pack of 10	4.54
Star-3-4-10	3/4 Inch - Pack of 10	6.04
Star-5-16-10	5/16 Inch - Pack of 10	2.56
Star-1-8-25	1/8 Inch - Pack of 25	3.25
Star-3-16-25	3/16 Inch - Pack of 25	3.25
Star-1-4-25	1/4 Inch - Pack of 25	4.32
Star-3-8-25	3/8 Inch - Pack of 25	6.33
Star-7-16-25	7/16 Inch - Pack of 25	6.95
Star-1-2-25	1/2 Inch - Pack of 25	7.66
Star-3-4-25	3/4 Inch - Pack of 25	10.10
Star-5-16-25	5/16 Inch - Pack of 25	4.32
Star-1-8-50	1/8 Inch - Pack of 50	6.05
Star-3-16-50	3/16 Inch - Pack of 50	6.05
Star-1-4-50	1/4 Inch - Pack of 50	8.05
Star-3-8-50	3/8 Inch - Pack of 50	11.79
Star-7-16-50	7/16 Inch - Pack of 50	12.97
Star-1-2-50	1/2 Inch - Pack of 50	14.27
Star-3-4-50	3/4 Inch - Pack of 50	18.83
Star-5-16-50	5/16 Inch - Pack of 50	8.05
Star-1-8-100	1/8 Inch - Pack of 100	9.89
Star-3-16-100	3/16 Inch - Pack of 100	9.89
Star-1-4-100	1/4 Inch - Pack of 100	13.17
Star-3-8-100	3/8 Inch - Pack of 100	19.27
Star-7-16-100	7/16 Inch - Pack of 100	21.20
Star-1-2-100	1/2 Inch - Pack of 100	23.32
Star-3-4-100	3/4 Inch - Pack of 100	28.22
Star-5-16-100	5/16 Inch - Pack of 100	13.17

## Stainless Steel Genuine Starlock Washer For Metric Round Shaft



## Pack of 10

Star-04s-10	4mm - Pack of 10	2.67
Star-05s-10	5mm - Pack of 10	2.88
Star-06s-10	6mm - Pack of 10	3.11
Star-07s-10	7mm - Pack of 10	3.37
Star-08s-10	8mm - Pack of 10	3.65
Star-09s-10	9mm - Pack of 10	3.96
Star-10s-10	10mm - Pack of 10	4.30
Star-04s-25	4mm - Pack of 25	4.12
Star-05s-25	5mm - Pack of 25	4.48
Star-06s-25	6mm - Pack of 25	4.87
Star-07s-25	7mm - Pack of 25	5.30
Star-08s-25	8mm - Pack of 25	5.78
Star-09s-25	9mm - Pack of 25	6.30
Star-10s-25	10mm - Pack of 25	6.87
Star-04s-50	4mm - Pack of 50	7.21
Star-05s-50	5mm - Pack of 50	7.87
Star-06s-50	6mm - Pack of 50	8.60
Star-07s-50	7mm - Pack of 50	9.41
Star-08s-50	8mm - Pack of 50	10.29
Star-09s-50	9mm - Pack of 50	11.27
Star-10s-50	10mm - Pack of 50	12.34
Star-04s-100	4mm - Pack of 100	11.43
Star-05s-100	5mm - Pack of 100	12.52
Star-06s-100	6mm - Pack of 100	13.71
Star-07s-100	7mm - Pack of 100	15.03
Star-08s-100	8mm - Pack of 100	16.48
Star-09s-100	9mm - Pack of 100	18.07
Star-10s-100	10mm - Pack of 100	19.82

## COMPRESSION FITTINGS

### General Specifications

Rated Pressure at 20 deg C

Compression fittings transition compression fittings, underclamp tapping saddle and ball valves: PN 16 bar.

### Maximum Temperature

Up to 45 deg C in the limits dicated by the use of polyethylene pipes.

### Reference Standards

Complying with ISO, UNI, DIN, NF

Threads to UNI-ISO 7/1, Din 2999, BS21, EN 10226-1

Flanges to UNI 2223, DIN 8063, UNI EN 1092-1, UNI 2278

### Sanitary Specifications

Comply with standards for conveying drinking water as per current regulations in Italy and in many other countries.

D.M. n. 174 dated 06/04/2004

### Materials - Compression fitting

Body: Polypropylene (PP-B) high stability copolymer with UV protection.

Seal: NBR and EPDM. Bush ring: polypropylene, high stability copolymer with UV protection (PP-B). Clamping ring: acetalic resin (POM).

Nut: polypropylene high stability copolymer with UV protection (PP-B).

## JOHN GUEST BLACK ACETAL

### Material

Body – acetal copolymer or polypropylene

'O' rings – nitrile rubber or EPDM

Collets – acetal copolymer or polypropylene with stainless steel teeth

### Operating Temperature

20 degrees C at 12 bar pressure

65 degrees C at 6 bar pressure

82 – 105 degrees C at 3 bar pressure.

Fittings and pipes can withstand 114 degrees C intermittently for short periods in case of thermostat malfunctions

### Reference Standards

European Regulation P1935/2004

ISO 9001; ISO 14001; NSF 14, 51, 61; KM 39767; ESR 1931

### Operating Pressure

5/32" – 5/16" (4mm-8mm): 16 bar pressure at – 20 degrees C; 16 bar at 1 degree C; 16 bar pressure at 20 degrees C; 10 bar pressure 65 degrees C

3/8" – 1/2" (10mm – 22mm): 10 bar pressure at – 20 degrees C; 10 bar at 1 degree C; 10 bar pressure at 20 degrees C; 7 bar pressure at 65 degrees C

## MALLEABLE GALVANISED IRON

### **Material**

Surface treatment: Galvanised  
Anti Rust lubricating oil to prevent temporary rusting

### **Temperature**

Maximum temperature: 300 degrees C  
Minimum temperature: - 20 degrees C (short term – 50 degrees C)

### **Reference Standards**

Conforms to ISO 49,  
Male Thread: EN10226, ISO 7/1  
Female Thread: UNI EN ISO 228-1  
Construction: DIN EN 10242, ISO 49

### **Pressure**

Maximum working pressure: 25 bar at temperatures below 120 degrees C  
20 bar pressure at temperatures between 120 to 300 degrees C

## STAINLESS STEEL 314

### **General Technical Specifications**

Density – 8.0/cm<sup>3</sup>  
Thermal Expansion – 15.9 x 10<sup>-6</sup>/K  
Modulus of Elasticity – 193 GPA  
Thermal Conductivity - 16.3W/m.K  
Electrical Resistivity – 0.074 x 10<sup>-6</sup> Ω .m 0.074 x10<sup>-6</sup> Ω .m

### **Temperature**

Melting Point – 1370 - 1400 degrees C  
Intermittent Service Temperature – 870 degrees C  
Continuous Service Temperature – 925 degrees C

### **Reference Standards**

EN 10088-3:2005

### **Pressure**

Proof Stress – 200 Min MPa  
Tensile Strength – 500 to 700 Mpa

## STARLOCK PUSH-ON FITTINGS

### Reference Standards

Complying with: EN 9100:2018 (AS9100D); IATF 16949:2016; ISO 9001:2015; ISO 14001:2015; OHSAS 18001:2007

### *Uncapped for Metric Round Shaft*

### Materials

Spring Steel 1.1231, bronze, varnished

### Tolerance

Ø up to 16.0mm: ±0.05mm; Ø over 16.0mm: ±0.1mm

Shaft Ø d* (mm)	Outside Ø D ± 0.2 (mm)	Height H ± 0.2 (mm)	Material thickness s (mm)	Number of legs Qty	Push-on force (N)	Push-off force (N)	Description	Article No.
1.5	9.7	1.3	0.2	4	40	20	HC/8004	339 240 500
2.0	9.7	1.3	0.20	4	70	200	HC/6489	399 202 500
3.0	9.7	1.3	0.20	4	110	200	HC/6490	399 204 500
4.0	11.5	1.3	0.20	5	70	390	HC/6492	399 206 500
5.0	11.5	1.3	0.20	6	120	390	HC/6491	399 208 500
6.0	15.3	1.3	0.25	6	150	790	HC/6493	399 209 500
7.0	15.3	1.3	0.25	6	190	790	HC/6703	399 211 500
8.0	15.3	1.3	0.25	6	220	790	HC/6704	399 212 500
9.0	18.4	1.9	0.30	6	210	980	HC/6708	399 213 500
10.0	18.4	1.9	0.30	6	280	980	HC/6496	399 215 500
11.0	18.4	1.9	0.30	6	410	980	HC/6706	399 216 500
12.0	25.0	2.3	0.40	6	440	2450	HC/6713	399 217 500
13.0	25.0	2.3	0.40	6	340	2450	HC/6829	399 219 500
14.0	28.2	2.3	0.40	6	250	2450	HC/6825	399 220 500
15.0	28.2	2.3	0.40	6	330	2450	HC/6714	399 221 500
16.0	28.2	2.3	0.40	6	550	2450	HC/6826	399 222 500
17.0	28.2	2.3	0.40	6	480	2450	HC/6715	399 223 500
18.0	36.6	3.0	0.40	9	230	3430	HC/6827	399 224 500
19.0	36.6	3.0	0.40	9	160	3780	HC/6828	399 225 500
20.0	36.6	3.0	0.40	9	270	3430	HC/6716	399 226 500
21.0	36.6	3.0	0.40	9	210	3780	HC/6830	399 227 500
22.0	36.6	3.0	0.40	9	540	3430	HC/6719	399 228 500
23.0	38.1	2.9	0.45	9	700	3430	HC/6831	399 229 500
24.0	41.3	3.2	0.50	9	450	3780	HC/6832	399 230 500
25.0	41.3	3.2	0.50	9	560	3780	HC/6717	399 231 500

*Uncapped for Imperial Round Shaft***Material**

Spring steel 1.1231, bronze, varnished

**Tolerance** $\varnothing$  up to 16.0mm:  $\pm 0.05\text{mm}$ ;  $\varnothing$  over 16.0mm:  $\pm 0.1\text{mm}$ 

Shaft Ø d* (mm)	Shaft Ø d* (inch)	Outside Ø $D \pm 0.2$ (mm)	Height H $\pm$ 0.2 (mm)	Material thickness s (mm)	Number of legs Qty	Push-on force (N)	Push-off force (N)	Description Article No.
1.6	1/16	9.7	1.3	0.2	4	40	200	HC/6218 399 201 500
2.4	3/32	9.7	1.3	0.2	4	50	200	HC/5883 399 203 500
3.2	1/8	9.7	1.3	0.2	4	120	200	HC/5897 399 205 500
4.8	3/16	11.5	1.3	0.2	6	60	390	HC/5920 399 207 500
6.4	1/4	15.3	1.3	0.25	6	110	790	HC/5873 399 210 500
7.1	9/32	15.3	1.3	0.25	6	200	790	HC/6326 399 243 500
7.9	5/16	15.3	1.3	0.25	6	220	790	HC/5821 399 244 500
8.7	11/32	18.4	1.9	1.3	6	170	980	HC/6332 399 245 500
9.5	3/8	18.4	1.9	1.3	6	210	980	HC/6020 399 214 500
11.1	7/16	25	2.3	0.4	6	150	2450	HC/6216 399 246 500
12.7	1/2	25	2.3	0.4	6	340	2450	HC/6143 399 218 500
15.9	5/8	25	2.3	0.4	6	600	2450	HC/6185 399 247 500
19.1	3/4	36.6	3	0.4	9	160	3430	HC/6322 399 248 50
22.2	7/8	38.1	2.9	0.45	9	450	3430	HC/6328 399 249 500
25.4	1	41.3	3.2	0.5	9	710	3780	HC/6329 399 250 500

*Uncapped for Metric Round Shaft***Material**

Stainless steel 1.4310

**Tolerance** $\varnothing$  up to 16.0mm:  $\pm 0.05\text{mm}$ ;  $\varnothing$  over 16.0mm:  $\pm 0.1\text{mm}$ 

Shaft $\varnothing$ d*	Outside $\varnothing$ D	Height H $\pm$ $\pm 0.2$ (mm)	Material thickness s (mm)	Number of legs Qty	Push-on force (N)	Push-off force (N)	Description	Article No.
1.5	9.7	1.3	0.2	4	40	200	S/8004	399 800 000
2	9.7	1.3	0.2	4	70	200	S/6489	399 802 000
3	9.7	1.3	0.2	4	110	200	S/6490	399 804 000
4	11.5	1.3	0.2	5	70	290	S/6492	399 806 000
5	11.5	1.3	0.2	6	120	290	S/6491	399 808 000
6	15.3	1.3	0.25	6	150	590	S/6493	399 809 000
7	15.3	1.3	0.25	6	190	590	S/6703	399 811 000
8	15.3	1.3	0.25	6	220	590	S/6704	399 812 000
9	18.4	1.9	0.3	6	200	780	S/6708	399 813 000
10	18.4	1.9	0.3	6	200	780	S/6496	399 815 000
11	18.4	1.9	0.3	6	200	780	S/6706	399 816 000
12	25.1	2.3	0.4	6	340	1960	S/6713	399 817 000
13	25.1	2.3	0.4	6	340	1960	S/6829	399 819 000
14	28.2	2.3	0.4	6	250	1960	S/6825	399 820 000
15	28.2	2.3	0.4	6	250	1960	S/6714	399 821 000
16	28.2	2.3	0.4	6	250	1960	S/6826	399 822 000
17	28.2	2.3	0.4	6	340	1470	S/6715	399 823 000
18	36.6	3	0.4	9	230	1960	S/6827	399 824 000
19	36.6	3	0.4	9	150	2450	S/6828	399 825 000
20	36.6	3	0.4	9	270	2450	S/6716	399 826 000
21	36.6	3	0.4	9	390	2940	S/6830	399 827 000
22	36.6	3	0.4	9	450	1960	S/6719	399 828 000
23	38.1	2.9	0.45	9	- <sup>2</sup>	- <sup>2</sup>	S/6831	399 829 000
24	41.3	3.2	0.5	9	- <sup>2</sup>	- <sup>2</sup>	S/6832	399 830 000
25	41.5	3.2	0.5	9	340	2450	S/6717	399 831 000

**Material**

Spring Steel 1.1231, bronze, varnished

**Tolerance**

Ø up to 16.0mm: ±0.05mm; Ø over 16.0mm: ±0.1mm

Shaft Ø d* (mm)	Outside Ø D ± 0.2 (mm)	Height H ± 0.3 (mm)	Shaft Penetration Max (mm)	Number of Tlegs Qty	Push-on force (N)	Push-off force (N)	Description	Article No.
1.5	10.6	3	2.5	4	40	200	HC/7204/01S 399 350 500	
2	10.6	3	2.5	4	70	200	HC/6662/01S 399 352 500	
3	10.6	3	2.5	4	110	200	HC/6663/01S 399 354 500	
4	12.3	3.8	3	5	70	390	HC/6665/02S 399 356 500	
5	12.3	3.8	3	6	120	390	HC/6664/02S 399 358 500	
6	16.1	5.1	4	6	150	790	HC/6666/03S 399 359 500	
7	16.1	5.1	4	6	190	790	HC/6670/03S 399 361 500	
8	16.1	5.1	4	6	220	790	HC/6671/03S 399 362 500	
9	19.7	5.8	4.5	6	210	980	HC/6674/04S 399 363 500	
10	19.7	5.8	4.5	6	280	980	HC/6668/04S 399 365 500	
11	19.7	5.8	4.5	6	410	980	HC/6673/04S 399 366 500	
12	26	7.5	6	6	440	2450	HC/6675/05S 399 367 500	
13	26	7.5	6	6	340	2450	HC/6885/05S 399 369 500	
14	29.4	9	7	6	250	2450	HC/6881/06S 399 370 500	
15	29.4	9	70	6	330	2450	HC/6676/06S 399 371 500	
16	29.4	9	7	6	550	2450	HC/6882/06S 399 372 500	
17	29.4	9	7	6	480	2450	HC/6677/06S 399 373 500	
18	38.2	11.7	8.7	9	230	3430	HC/6883/07S 399 374 500	
19	38.2	11.7	8.7	9	160	3780	HC/6884/07S 399 375 500	
20	38.2	11.7	8.7	9	270	3430	HC/6678/07S 399 376 500	
21	38.2	11.7	8.7	9	210	3780	HC/6886/07S 399 377 500	
22	38.2	11.7	8.7	9	540	3430	HC/6889/07S 399 378 500	
23	39.8	13	9.5	9	700	3430	HC/6887/08S 399 379 500	
24	43	12.5	9.5	9	450	3780	HC/3888/09S 399 380 500	
25	43	12.5	9.5	9	560	3780	HC/6679/09S 399 381 500	

Rivet NutsPart Hex Body

## Material

Steel, galvanised, passivated

Thread 6H	Grip Range s (mm)	Hole Ø +0.1 (mm)	Shank Ø d +0/-0.15 (mm)	Head Ø D ±0.3 (mm)	Head height ± 0.2 (mm)	Shank length L ± 0.35 (mm)	Article No.
M4	0.5 – 2.5	6	6	9	0.8	10.2	339 920 903
M5	0.5 – 3.0	7	7	10	1	12.8	339 922 903
M6	0.5 – 3.0	9	9	13	1.5	14.5	339 924 903
M8	0.5 – 3.0	11	11	16	1.5	16.5	339 926 903
M10	1.0 – 4.5	12.8	12.7	19	2	22	339 990 903
	1.0 – 4.5	13	13	19	2	22	339 929 903

Round Body, knurled

## Material

Steel, galvanised, passivated

Thread 6H	Grip Range s (mm)	Hole Ø + 0.1 (mm)	Shank Ø d + 0/-0.15 (mm)	Head Ø D ±0.3 (mm)	Head height ± 0.2 (mm)	Shank length L ± 0.35 (mm)	Article No.
M3	0.5 – 2.0	5	5	8	0.7	9.8	337 799 903
M4	0.5 – 2.5	6	6	9	0.8	10.2	337 800 903
	2.5 – 4.0	6	6	9	0.8	11	337 801 903
M5	0.7 – 3.0	7	7	10	1	12	337 805 903
	3.0 – 4.5	7	7	10	1	13.5	337 806 903
M6	0.8 – 3.0	9	9	13	1.5	15	337 810 903
	3.0 – 5.0	9	9	13	1.5	17	337 811 903
M8	1.0 – 3.0	11	11	16	1.5	16	337 915 903
	3.0 – 5.5	11	11	16	1.5	19.5	337 816 903
M10	1.0 – 4.5	13	13	19	2	22	337 818 903
	4.5 – 6.0	13	13	19	2	23.5	337 918 903
M12	1.0 – 4.0	16	15.9	21.7	2	23.2	337 968 903

## UNIDELTA PP COMPRESSION FITTINGS

Unidelta PP Compression fittings are designed for connecting polyethylene pipes with an outside diameter from 16 to 110mm (200mm for clamp saddles). These fittings ensure a perfect hydraulic seal in the construction of pressurised distribution systems. They are fully compatible with all PELD, PEHD, PE40, PE80 and PE100 pipes. Normally they are used to convey drinking water and fluids at pressures up to 16 bar for generic application. The material used makes these fittings resistant to etching by numerous chemical substances and UV-rays.

The Unidelta Universal Fitting can be used to connect systems using PE metric piping with existing pipes made of any material, with external diameters of 15-34mm.

### How to install Unidelta PP Compression Fittings

1. Cut the pipe squarely using pipe cutting tools or circular or band saw. It is advisable to use a guide box to ensure a square cut.
2. Eliminate any burrs and bevel the end of the pipe to facilitate easy assembly and to prevent damage to the fitting gasket. The outer surface of the pipe must be free from imperfections or indentations where the body of the fitting makes contact with the pipe.
3. Unscrew the blue nut and put it onto pipe followed by the white clamping ring. Make sure the clamping ring is in the correct position, with the largest diameter facing the fitting.
4. Press the pipe axially into the fitting, past the gasket, until it touches the internal register inside the fitting body.
5. Tighten the ring nut by hand and then use the torque wrench provided. The ring nut must be tight, but it does not need to reach the end of the fitting body.

### Advantages of Unidelta PP Compression Fittings

- It is faster to install
- It is easier to install, even in difficult working conditions
- 100% safety that pipe has reached internal fitting stop as it is possible to see it
- The best hydraulic seal resulting from the usage of the o-ring typical of the Unidelta compression fitting that is safely pushed in its right position
- The best mechanical seal resulting from the peculiar design and the mechanical pushing system of the fitting internal rings that allow a perfect grip on the pipe in whichever position.

## CAMLOCK FITTINGS

Camlock Couplings are the most cost effective and widely used coupling in the world due to the variety of applications in which it can be used. Camlocks can be used in industrial, agriculture and domestic settings for a number of uses. Camlocks are suitable for piping, tubing, hose and tanks carrying liquids and powders such as fuels, foodstuffs, pumps, adhesives, pharmaceuticals, chemicals and many more.

### How to install Camlock Couplings

Camlock couplings have a simple easy-to-use design. The coupling consists of an adapter, coupler and assembly handle, finger rings, pins and safety clips.

To connect the coupling firstly extend the arms and place the adapter into the coupler. Once the adapter and coupler have been placed together press the handles down with normal pressure. Under normal conditions safety locks are not needed. The Camlock adaptor and coupler are designed to minimize instability in liquids and gases as well as abrasion from dry products.

### Precautionary Points to Consider

- Do not exceed maximum pressure limit when in use
- Only use application liquids when using camlock couplings
- To prevent sealing material from wear or leakage do not exceed temperature range
- Do not mix with powder or sand to prevent leakage or blocking
- Ensure the hose has no cracks to prevent dropping or leakage
- When installing camlock do not exceed maximum tightening to prevent damage
- Do not beat, bend or stretch the camlock coupling to prevent damage
- Use clean filtered fluid
- Do not remove coupling

## JOHN GUEST

John Guest is a world leading manufacturer of push-fit fittings, tubing and other fluid control products. John Guest fittings can be used in a variety of industries including plumbing, drinks vending and dispensing, automotive, pneumatics, compressed air, telecommunications and water purification.

### How to install John Guest Fittings

To make a connection the tube is simply pushed in by hand. The John Guest collet locking system holds the tube firmly in place without deforming it or restricting flow.

1. Cut the tube square, remove burrs and sharp edges
2. Push the tube into the fitting to the tube stop
3. Pull on the tube to check it is secure.
4. Test the system before use.
5. To disconnect, push the collet square against the fitting. With the collet held in this position the tube can be removed.
6. Ensure the system is depressurised before disconnecting.

### Advantages of John Guest Fittings

Push-fit technology

Quick disconnection without the need for tools

Food quality and suitable for portable liquids and pure water applications

Not suitable for compressed air and vacuum applications.

## ORIGINAL GEKA QUICK COUPLINGS

GEKA® Hose fittings are renowned to be the best type hose coupling. They can be used for commercial, agriculture and domestic purposes. GEKA fittings work by pushing two fittings together and twisting to lock together tight, with a seal to prevent any leaks or water waste.

GEKA® plus quick couplers connect water hoses from G 3/8" up to G 1 1/2". Threaded items are available in all thread sizes from 1/4 (internal and external thread) up to 1 1/2".

### How to install GEKA Hose Fittings

GEKA® Hose Fittings use a universal connection enabling connections to a massive range of accessories.

1. To combine two claw lock connectors, push the rubber seals of the couplings together with the claws pointing in opposite directions.
2. Twist the couplings in opposite directions so that the claws are now touching.

The connectors brass exterior will prevent rust which provides superior durability and protection for the fitting.

### Points to consider

- GEKA® plus gives more than 100% higher pressure range with safety reserve in comparison to standard claw couplings.
- Operating Pressure up to 40 bar with NBR shaped sealing ring 300C or 300D; up to 30 bar with EPDM or FKM shaped sealing ring 300EPDM or 300V.
- Burst pressure up to 80 bar with NBR shaped sealing ring 300C or 300D; up to 60 bar with EPDM or FKM shaped sealing ring 300EPDM or 300V.
- GEKA® quick couplings can be used in certain pressure ranges only and can achieve up to 80 bar.
- GEKA® plus has a temperature range from - 40 degrees C to 100 degrees C when used with NBR shaped sealing ring 300C or 300D; - 50 degrees C to 150 degrees C when used with EPDM shaped sealing ring 300 EPDM; - 25 degrees C to 200 degrees C when used with FKM (Fluororubber) shaped sealing ring 300V.

## PVCU SOLVENT CEMENT FITTINGS

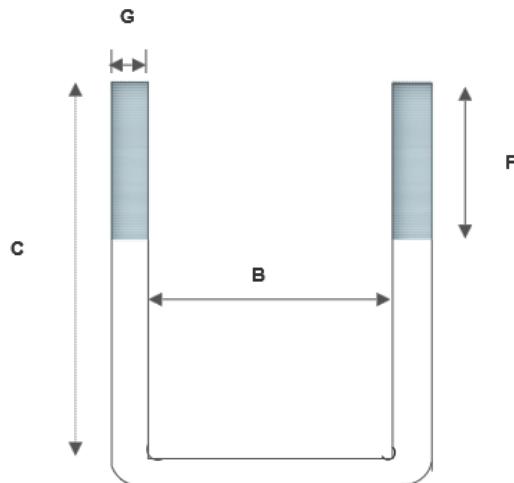
PVC-U Solvent Cement is used for filling gaps. The cement works by softening the inside of the fitting and the outside of the pipe to form a joint chemically.

### How to use PVC-U Solvent Cement

1. Cut the pipe end square
2. Remove burrs and clean swarf. A chamfer must be filed approximately 3mm x 45° to prevent the layer of cement being scraped away as the pipe is pushed into the fitting.
3. Use a pen to mark the pipe at the distance which will penetrate the socket to the stop.
4. Thoroughly clean the pipe and fitting surfaces with MEK cleaner on a clean cloth.
5. Stir the PVC-u cement thoroughly.
6. Use a clean brush approximately half as wide as the pipe to be jointed. Apply cement to the pipe and fittings using longitudinal strokes coating the pipe thicker than the fitting. The prepared areas should be completely covered with cement.
7. Apply the cement quickly to enable assemble without excessive force being necessary.
8. Immediate after apply cement push pipe fully into the fitting without rotating. Hold the pipe and fitting for up to a minute to ensure fitting does not slide off the pipe. If working in cold conditions ensure the joints are free from frost and moisture and allowing extra curing time.
9. Wipe off excess cement from both sides of the joint using a clean cloth.
10. Replace lids onto tins and clean brush with MEK cleaner.

### Precautionary Points to Consideration

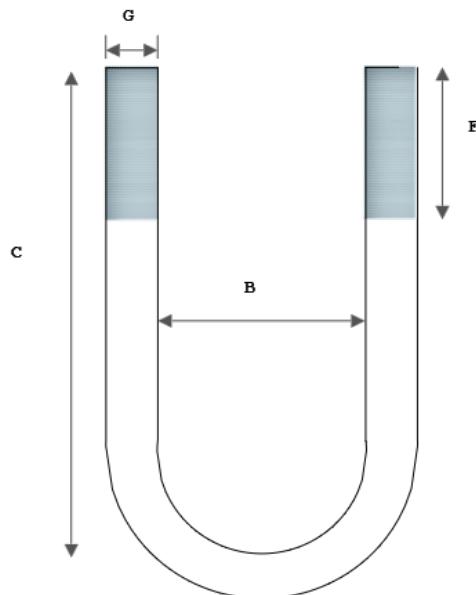
- The jointing area must be well ventilated
- Wear gloves when applying cement and cleaner
- Always use clean brushes
- Ensure cement is used prior to its expiry date
- Always use clean lint-free cloth or absorbent paper
- Never dilute PVC-u solvent cement
- Do not allow a naked flame or smoking in the jointing area
- Always replace lids on tins when not in use
- Ensure jointing surfaces are dry in wet weather

A: Standard Square U Bolt

<b>E:</b> Square U Bolt	<b>Product Type:</b> U Bolt Square	<b>Notes:</b> Thread Length: 50mm - 60mm Inside Width: +1-2mm tolerance Inside Height: Inside to end of thread
<b>D:</b> Zinc Plated Steel	<b>Size:</b> M8/M10/M12	

<b>A</b>	Standard U Bolt
<b>B</b>	Inside Width
<b>C</b>	Inside Height
<b>D</b>	Material
<b>E</b>	Product Type
<b>F</b>	Thread Length
<b>G</b>	Thread Size

Waterline Products December 2021

Standard Round U Bolt

<b>A</b>	Standard U Bolt
<b>B</b>	Inside Width
<b>C</b>	Inside Height
<b>D</b>	Material
<b>E</b>	Product Type
<b>F</b>	Thread Length
<b>G</b>	Thread Size

<b>E:</b> Round U Bolt	<b>Product Type :</b> U Bolt Round	<b>Notes:</b> Thread Length: 50mm - 60mm Inside Width: + 1-2mm tolerance Inside Height: Inside to end of thread
<b>D:</b> Zinc Plated Steel	<b>Size:</b> M8/M10/M12	

Waterline Products December 2021

The OD or Outside Diameter is the measurement across the end of the pipe. This table compares the actual pipe outside diameter to the nominal sizing in metric or imperial.

The easiest way to measure piping is by directly measuring across the end of the pipe at the widest point. Calipers can be useful especially when the pipe end is uneven or inaccessible.

Pipe OD mm	Metric mm	Imperial "
12	12	
16	16	
17.1		3/8
20	20	
21.4	0	1/2
25	25	
26.7		3/4
32	32	
33.6		1
40	40	
42.2		1 1/4
48.3		1 1/2
50	50	
60.3		2
63	63	
75	75	2 1/2
88.9		3
90	90	
110	110	
114.3		4
160	160	
168.3		6
200	200	

**1 SCOPE**

- a) In these terms and conditions:-  
i "The Company" shall mean Waterline Products.  
ii "the Purchaser" shall mean the company, person or body with whom the Company contracts for the supply of goods;  
iii "goods" shall mean the products to be supplied by the Company to the Purchaser in accordance with these terms and conditions and/or as otherwise agreed in writing between the Company and the Purchaser;  
b) The supply or provision of any goods by the Company to the Purchaser shall be subject to these terms and conditions. Any quotation given or request or order for the supply of goods accepted by the Company shall be subject thereto and the placing with the Company of a request or order for the supply of goods shall be deemed to incorporate these terms and conditions which shall apply to the exclusion of any other terms and conditions wherever referred to or contained and howsoever brought to the notice of the Company.  
c) No variation of these terms and conditions shall apply unless confirmed in writing by or on behalf of an authorised representative of the Company.  
d) Quotations issued by the Company for the supply of goods will be valid for a period of 30 days from the date of issue unless specifically stated otherwise in writing.  
e) These terms and conditions (as modified where applicable in accordance with condition c) above) together with the terms and other matters contained in the Company's invoice and/or quotation and/or acceptance of order constitute the whole agreement between the parties and supersede any prior promises, representations, undertakings or implications whether written or oral.

**2 ORDERS**

Orders accepted by the Company may not be cancelled under any circumstances without the prior written agreement of the Company.

**3 PRICING**

Unless otherwise provided in writing

- a) The Price of goods supplied shall be those ruling at date of despatch or if pursuant to a valid quotation the Price stated in the quotation.  
b) The Price is exclusive of Value Added Tax or any other tax duty tariff or charge arising in the United Kingdom.  
c) All Prices are ex-warehouse and are thus exclusive of delivery and insurance charges save that the Company shall deliver free of charge on orders of a minimum value of £50 excluding VAT .  
d) Orders having a value of less than £50 excluding VAT shall, in addition to the cost of delivery, be subject to a minimum additional handling charge of £5 in respect of UK mainland deliveries and £20 for other destinations or, at its discretion, whatever handling charge the Company may consider appropriate.

**4 DELIVERY**

The Company will use reasonable endeavours to comply with any date or dates for delivery of the goods but unless expressly provided in writing such date or dates constitute only statements of expectation and shall not be binding. Time of delivery shall not be of the essence. Failure to deliver on an estimated date for delivery shall not constitute a breach of the Contract and the Purchaser shall not be entitled to treat the contract as repudiated or to rescind it or any related contract in whole or in part or claim compensation for such failure for any consequential loss or damage however resulting there from.

When expedited delivery is agreed to by the Company, the Purchaser shall reimburse the Company for all overtime and other additional costs incurred by the Company.

Delivery will be at such location as is agreed or if none is agreed at such location as the Company specifies. The Company reserves the right where appropriate to make delivery of goods ordered by instalments. Where postponement of delivery is agreed by the Company or occasioned by the Purchaser, the Purchaser shall pay all costs and expenses (including a charge for storage) occasioned thereby and the goods shall be held at the Purchaser's risk as from the date of postponement.

Delivery shall be deemed to have been effected when the goods are handed over to the Purchaser or an agent of the Purchaser appearing to have authority to receive them or as shall be agreed in writing.

**5 CANCELLATIONS AND REFUNDS**

We want you to be happy with goods purchased from Waterline Products. You have a right to cancel your order from the moment it is placed until this is dispatched.

You have a right to return your order for a refund, under certain conditions, up to 30 days of receiving the goods and notifying the business of the request to return the goods.

Returns Eligibility: To be eligible for a full refund all items must be returned in their original condition, unused, unaltered, all original packaging unopened, any tags intact and with no damage or signs of use.

Returns and Restocking Fee: At our discretion we reserve the right to implement a fee of 25% of the items purchase price to any eligible returns. Any goods returned used, with packaging opened, with signs of use or damage may incur this fee to cover the loss as well as cost of inspecting, repackaging and restocking the item. Special order, non stock items and bespoke manufactured goods are not eligible for return or refund.

Return Shipping: Customers are responsible for the cost of the return shipping unless the return is due to an error on our part or a defective product. We recommend using a trackable shipping method for returns.

Customer requesting a refund must notify us in writing either by (i) writing to Waterline Products or (ii) emailing; info@waterlineproducts.co.uk. When returning the goods please enclose the original delivery note that came with the goods and state the reason for the return.

This does not affect your rights in respect of damaged or faulty goods.

Following your return we will provide a refund for the price you paid for the goods against your original credit/debit card details. We reserve the right to recover from this amount the cost of recovering the goods from you or the cost of you returning the goods to us if they are sent at our expense.

**6 TECHNICAL ADVICE**

Although not qualified so to do the Company may at the request of the Customer (without being under any obligation to do so) furnish technical advice or assistance with reference to the use, repair or installation of any Goods sold by it but the same is furnished or given on the express understanding that is accepted as an expression of opinion in respect of which the company and its staff have no specific relevant expertise or qualification and is therefore used or headed at the Customer's risk and the Company shall not be liable for any loss or damage or any claims of whatsoever nature arising directly or indirectly out of the Customer's use or application of such advice or assistance.

**7 PAYMENT**

Subject to the Price together with any delivery storage or other charges shall be payable net cash in Sterling and without set-off, deduction or abatement not later than thirty days beyond the end of the month of invoice whether or not the goods have been delivered to the Purchaser. Payment shall be made only to the Company at its nominated office or directly to the Company's bank account and save to the Company's Solicitors when instructed, to no other person whether or not an employee or agent of the Company or to any other place.

The Company reserves the right to require payment of the Price and any delivery storage and other charges upon delivery of pro-forma invoice before making delivery of the goods to the Purchaser.

In the event that any goods are delivered at the Purchaser's request by instalments then each instalment will be the subject of a separate contract and these Conditions shall apply to each contract mutatis mutandis. The Company shall be entitled to request payment for any instalment on the goods so delivered and failure to pay in full within the relevant period shall entitle the Company to suspend deliveries of the goods pending payment without prejudice to any other remedy available to the Company.

The Company reserves the right to charge interest on all overdue accounts at the rate of 4% for each month or part month during which such account remains outstanding whether before or after judgement, interest being compounded with monthly rests. In addition, the Company reserves the right to recover all costs of collection arising in respect of overdue accounts.

Time for payment is of the essence of the contract.

**8 TITLE & RISK**

The risk in respect of all goods supplied shall pass to the Purchaser upon delivery or, if the Purchaser wrongfully fails to take delivery of the goods, the time when the Company has tendered delivery of the goods.

The Company shall have no liability whatsoever for or in connection with any damage to or loss of the goods in transit and it is for the Purchaser to make such arrangements for insurance, if any, as it may deem appropriate.

Whilst risk in the goods shall pass on delivery, legal and beneficial ownership of the goods shall remain with the Company until such time as the Company has received payment in full by way of cleared funds in respect of all sums owing by the Purchaser to the Company whether under the Contract or otherwise.

Notwithstanding the Customer is authorised to sell the Goods in the ordinary course of business as agent or on the account of the Company and to pass good title in the Goods to its customers and convert or incorporate the Goods into other goods or materials.

So long as the property in the goods remains vested in the Company, the Company shall have the right, without prejudice to the obligation of the Purchaser to purchase the goods and to pay the Price, to take repossession of the goods and for that purpose to go upon any premises occupied by the Purchaser.

The Company may maintain an action for the Price of the goods notwithstanding that property in the goods may not have passed to the Purchaser

**9 LIABILITY**

Save as aforesaid (and save in respect of death or personal injury resulting from the negligence of the Company its servants or agents) the Company shall not be liable for any claim or claims for direct or indirect consequential or incidental injury loss or damage made by the Purchaser against the Company (whether in contract or in tort including negligence on the part of the Company its servants or agents) arising out of or in connection with any defects in the goods or any act omission neglect or default (whether or not the same constitutes a fundamental breach of contract or breach of a fundamental term thereof) of the Company its servants or agents in the performance of the contract.

Without prejudice to the generality of the foregoing, nothing herein contained shall operate or restrict liability for breach of any obligation arising from the Sale of Goods Act 1979 and/or the Supply of Goods and Services Act 1982, as against the Purchaser if it is dealing as a consumer as defined by Section 12 of the Unfair Contract Terms 1977.

Subject only to the provisions of these conditions no statement undertaking warranty or condition express or implied by law trade custom or otherwise shall apply to the contract.

The Purchaser shall keep the Company fully indemnified against all actions, claims or demands by third parties against the Company howsoever arising directly or indirectly in respect of or in connection with the supply of the goods.

Without prejudice to the foregoing, the Company shall in no circumstances be liable for any loss damage costs or expenses which exceed in the aggregate the Price of the goods.

Apart from the guarantee given under clause 5 above the Goods are not guaranteed or warranted however and no representation or warranty expressed or implied is given as to the suitability or fitness of the Goods or any of them for any particular purpose so that in agreeing to purchase them the Customer will be taken to have satisfied itself/himself as to their suitability for any purpose for which they are intended to be used.

All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded

**10 APPLICABLE LAW**

This contract will be governed by and in accordance with the laws of Northern Ireland and the parties submit to the non-exclusive jurisdiction of the Courts.

## NOTES:

## NOTES:

## NOTES:



John Guest



# waterline products

7 Creagh Road  
Toomebridge  
Antrim  
BT41 3SE

028 7965 0393  
01823 698 813  
07593 074 132  
[www.waterlineproducts.co.uk](http://www.waterlineproducts.co.uk)  
[info@waterlineproducts.co.uk](mailto:info@waterlineproducts.co.uk)