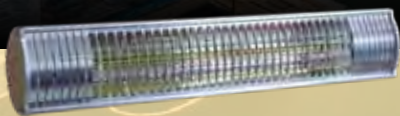


# PRODUCT CATALOGUE

February 2023

A comprehensive range of top quality products  
for plumbing, heating and agriculture



[www.southcoastsales.com](http://www.southcoastsales.com)



## Frank Casey

Born in Millstreet, Co. Cork in 1946, Frank started his professional career as an electrician with Avonmore Electrical, winding motors and carrying out general electrical work all over the country. He moved to America for a number of years where he worked on sites as an electrician before coming home to set up his first business in Limerick, selling and rewinding motors. Eventually Frank settled back in Cork with his family specialising in the installation and repair of water pumps.

Frank was always on the lookout for products to supply to local hardware shops and co-ops. In 1990 he discovered a gap in the market for the supply of an effective plastic pipe fitting. After some research he found a suitable product made by Philmac in Australia and after making contact with them a distribution agreement was established.

Frank and his wife Catherine set up South Coast Sales in 1990 to distribute the Philmac range. Initially the business was run from the garage at his home in Farran, Co Cork, the kitchen table being their office. Frank, along with his family, demonstrated regularly to farmers at agricultural shows nationwide. In 1992 South Coast Sales exhibited for the first time at The National Ploughing Championships in Carrigtwohill, Co Cork. From then and at every event since, Frank's demonstrations behind his water tank displaying Philmac were so enthralling that he always had a crowd of spectators watching while he dazzled them with both his knowledge and wit.

He truly revolutionized water supply in farms in Ireland by introducing Philmac. The introduction of which meant the farmer could carry out their own water supply maintenance rather than having to call in a plumber. Philmac is now the Number One water fitting of choice for councils, builders, plumbers and farmers.

Such was his knowledge of the water industry, he was invited to visit Australia on a number of occasions over the years to help with the development of new products.

Over time new products and lines were added to the business and since its foundation, have moved three times to larger premises within the Doughcloyne Industrial Estate, Wilton. Currently South Coast Sales employs 46 people and stocks over 2,500 product lines, in its new purpose built 40,000sq ft premises, which is a long way from its humble beginnings in the garage in Farran.

On Frank's passing in late August 2021, Philmac contacted the Casey family saying they wanted to honour Frank's contribution to the success of Philmac by offering to name one of their Adelaide meeting rooms after Frank. They also arranged to have a portrait of Frank specially commissioned.

Elliott Burke, the Executive General Manager of Philmac Australia, travelled to Ireland in September to visit the South Coast Sales stand at this year's National Ploughing Championships and to present the completed portrait to Frank's family.

Frank's dedication to finding quality products and passion for providing the highest level of customer service has carried through from the early beginnings of South Coast Sales, and the entire team remains committed to continuing on his legacy.

*Extract From the Hardware Journal - December 2022*



Elliott Burke, Executive General Manager of Philmac Australia with Derry Casey, Managing Director, South Coast Sales and Catherine Casey, co-founder of South Coast Sales and wife of Frank Casey at the presentation of the portrait of Frank, at South Coast Sales Offices, Cork.



Since 1990, South Coast Sales has grown consistently as a result of our passion for sourcing the finest plumbing, heating, electrical and agri products coupled with our outstanding customer service.

We supply Co-ops, Builders Providers, Electrical Wholesalers, Plumbing and Hardware Stores all over Ireland and pride ourselves on continuing to offer the same next day service that we have since our inception.

Over the years we have introduced quality brands such as Philmac, Farho, South Brass Fittings, South Plumbing Products, Ideal Elements and PF Press Multilayer Pipe and Fittings.

This catalogue provides a comprehensive listing of everything we offer.

We continually strive to provide top brands whilst ensuring our customers receive the best service.

*Derry Casey*

Managing Director



## CONTENTS

	South Brass	5
	South Plumbing	17
	iTap Commercial Plumbing Products	35
	Plumbing Tools	43
	Sealant Tapes	47
	Griffon Glues & Lubricants	51
	Multi-Layer Fittings & Pipe	55
	PF Press - 16mm, 20mm, 26mm & 32mm	55
	General Fittings - 40mm, 50mm & 63mm	69
	Ideal Elements	75
	Ideal Electrical - Infrared Heaters	95
	Ideal Electrical - Water Heaters	105
	Farho Electric Radiators	113
	EPH Controls	129
	Philmac	133
	Normal Gauge	141
	Metric/Imperial (Heavy Gauge)	153
	UTC - Universal Transition Couplings	169
	Metric Large Fittings - 16 Bar	173
	BSP Threaded Fittings	175
	Unidelta Compression Fittings	181
	Pump Spares & Accessories	187
	Manifolds & Valves	199
	IBC Tank, Drum & Camlock Fittings	201
	Easy Fit Tank Connector	204
	Pipe Clips	207
	Sprinklers	209
	Order Forms	213

\*Please note that all prices shown are exclusive of VAT with the exception of Philmac products which are inclusive of VAT at 23%. All prices refer to individual units only unless otherwise stated.

ALL IMAGES ARE FOR GUIDANCE PURPOSES ONLY



# SOUTH BRASS



\*Please contact South Coast Sales for full details of WRAS approved products.



The **ONLY** brass fitting with both WRAS & NSAI approval from 1/2" - 2"

MANUFACTURED FROM CW617N  
BRASS TO THE  
EN 1254-2 STANDARD

## IRISH COPPER



STRAIGHT COUPLER C x C 310				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3101	1/2"	200	10	€3.83
BF3102	3/4"	100	10	€6.11
BF3103	1"	80	5	€12.00
BF3104	1 1/4"	50	1	€34.41
BF3105	1 1/2"	30	1	€53.22
BF3106	2"	20	1	€103.59
BF31021	3/4" x 1/2"	150	10	€10.64
BF31031	1" x 1/2"	100	5	€15.39
BF31032	1" x 3/4"	100	5	€15.39



STRAIGHT COUPLER C x C 410 Metric to Irish Copper				
Code	Size	Box Qty	Bag Qty	Price
BF410181	10mm x 1/2"	200	10	€4.81
BF410111	15mm x 1/2"	200	10	€4.25
BF410221	22mm x 3/4"	120	10	€8.20
BF410331	28mm x 1"	100	5	€15.15



STRAIGHT COUPLER MI x C 311				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3111	1/2"	300	10	€3.85
BF3112	3/4"	150	10	€5.88
BF3113	1"	120	5	€9.63
BF3114	1 1/4"	50	1	€34.18
BF3115	1 1/2"	40	1	€53.41
BF3116	2"	25	1	€102.58
BF31112	1/2" x 3/4"	150	10	€8.40
BF31121	3/4" x 1/2"	100	5	€8.60
BF31123	3/4" x 1"	100	5	€14.38
BF31132	1" x 3/4"	100	5	€9.06



STRAIGHT COUPLER FI x C 312				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3121	1/2"	300	10	€4.19
BF3122	3/4"	150	5	€5.82
BF3123	1"	100	5	€10.19
BF3124	1 1/4"	40	1	€35.30
BF3125	1 1/2"	40	1	€53.41
BF3126	2"	20	1	€102.58
BF31212	1/2" x 3/4"	200	5	€8.77
BF31221	3/4" x 1/2"	180	10	€9.17
BF31223	3/4" x 1"	100	5	€9.17
BF31232	1" x 3/4"	80	5	€9.17



ELBOW C x C 315				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3151	1/2"	200	10	€4.44
BF3152	3/4"	100	10	€7.58
BF3153	1"	70	5	€15.19
BF3154	1 1/4"	40	1	€36.73
BF3155	1 1/2"	25	1	€60.46
BF3156	2"	10	1	€142.86
BF31521	3/4" x 1/2"	100	10	€22.36
BF31532	1" x 3/4"	80	5	€28.88



ELBOW C x C Metric to Irish Copper 415				
Code	Size	Box Qty	Bag Qty	Price
BF415151	15mm x 1/2"	200	10	€5.62
BF415221	22mm x 3/4"	100	10	€9.31
BF415281	28mm x 1"	50	10	€16.22



NOTE: Brass fittings should NOT be used under ground







ELBOW MI x C 316				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3161	½"	200	10	€5.60
BF3162	¾"	100	5	€8.26
BF3163	1"	60	5	€15.56
BF3164	1¼"	40	1	€67.52
BF3165	1½"	25	1	€88.97
BF31612	½" x ¾"	150	10	€11.89
BF31621	¾" x ½"	130	10	€14.43
BF31623	¾" x 1"	100	5	€21.13
BF31632	1" x ¾"	100	5	€13.02



ELBOW FI x C 317				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3171	½"	200	10	€6.68
BF3172	¾"	120	10	€10.75
BF3173	1"	80	5	€16.98
BF3174	1¼"	40	1	€64.31
BF3175	1½"	25	1	€84.73
BF3176	2"	12	1	€169.51
BF31712	½" x ¾"	130	10	€16.98
BF31721	¾" x ½"	120	10	€14.72
BF31723	¾" x 1"	100	5	€21.13
BF31732	1" x ¾"	80	5	€17.83



COMPRESSION STOP END 351				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3511	½"	300	10	€5.66
BF3512	¾"	200	10	€10.19
BF3513	1"	100	10	€15.85
BF3514	1¼"	50	10	€35.37



EQUAL & REDUCING TEE C x C x C 318				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3181	½"	150	10	€6.11
BF3182	¾"	80	5	€11.26
BF3183	1"	40	5	€25.60
BF3184	1¼"	25	1	€74.50
BF3185	1½"	15	1	€106.09
BF3186	2"	8	1	€254.62
BF318112	½" x ½" x ¾"	80	10	€14.43
BF318211	¾" x ½" x ½"	100	5	€13.58
BF318212	¾" x ½" x ¾"	80	5	€13.58
BF318221	¾" x ¾" x ½"	80	5	€13.58
BF318223	¾" x ¾" x 1"	50	5	€26.88
BF318311	1" x ½" x ½"	40	5	€26.88
BF318312	1" x ½" x ¾"	40	5	€26.88
BF318313	1" x ½" x 1"	40	5	€26.88
BF318321	1" x ¾" x ½"	40	5	€26.88
BF318322	1" x ¾" x ¾"	50	5	€26.88
BF318323	1" x ¾" x 1"	50	5	€26.88
BF318331	1" x 1" x ½"	60	5	€26.88
BF318332	1" x 1" x ¾"	50	5	€26.88



FEMALE TEE C x C x FI 330				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3301	½"	100	5	€22.19
BF3302	¾"	50	5	€29.43
BF3303	1"	50	5	€53.77
BF330221	¾" x ¾" x ½"	50	5	€29.43
BF330331	1" x 1" x ½"	40	5	€53.77
BF330332	1" x 1" x ¾"	50	5	€53.77



AIR VENT				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF372RV	½"	200	5	€13.47



BOILER / CYLINDER TEE MI x C x C 320				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF320222	¾"	50	5	€32.40
BF320333	1"	50	5	€39.55



TANK CONNECTOR 350				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3501	½"	100	10	€9.17
BF3502	¾"	80	10	€10.58
BF3503	1"	80	5	€16.87
BF3504	1¼"	50	1	€50.67
BF3505	1½"	25	1	€74.28
BF3506	2"	15	1	€116.49



WALL PLATE ELBOW FI x C 321				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3211	½"	100	10	€11.04
BF3212	¾"	50	5	€22.53
BF32112	½" x ¾"	60	5	€16.36



WALL PLATE FI & COPPER TUBE				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BFWPCT	½" x 14.7mm x 350mm	50	1	€31.75
BFWPCT2	½" x 14.7mm x 500mm	50	1	€38.63



SWIVEL ELBOW FI x C 327				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3271	½"	100	5	€14.72



STRAIGHT SWIVEL COUPLER FI x C 314				
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF3141	½"	200	5	€10.19



SPARE FIBRE WASHER			
Code	Size	Bag Qty	Price
BF327W	½"	10	€0.71



UNIVERSAL, ½"  
& 15mm x 16mm

NICKEL PLATED MULTI-LAYER NUT & ADAPTOR TO COPPER COMPRESSION				
Code	Size (Irish)	Box Qty	Bag Qty	Price
NI30001	14.7mm/15mm x 16mm	150	10	Page 60



IRISH COPPER

BRASS MULTI-LAYER NUT & ADAPTOR TO IMPERIAL COPPER COMPRESSION				
Code	Size (Irish)	Box Qty	Bag Qty	Price
NI40001	¾" x 20mm	120	5	Page 60
NI50001	1" x 26mm	90	5	Page 60



NOTE: Brass fittings should NOT be used under ground



NOTE: Brass fittings should NOT be used under ground







MALE ELBOW & DRAIN OFF		871	
Code	Size (Irish)	Bag Qty	Price
BF8712	¾"	5	€15.56
BF8713	1"	5	€22.53



ELBOW & DRAIN OFF		471	
Code	Size (Irish)	Bag Qty	Price
BF4711	½"	5	€12.73
BF4712	¾"	5	€16.13
BF4713	1"	5	€21.22



MT COCK			
Code	Size	Bag Qty	Price
BFMTCK1	½"	10	€4.81



NUT		378A	
Code	Size (Irish)	Bag Qty	Price
BF378A1	½"	10	€1.70
BF378A2	¾"	10	€2.49
BF378A3	1"	10	€4.41
BF378A4	1¼"	10	€8.90
BF378A5	1½"	10	€13.67
BF378A6	2"	5	€25.53



STRAIGHT COUPLER & DRAIN OFF		171	
Code	Size (Irish)	Bag Qty	Price
BF1711	½"	5	€12.45
BF1712	¾"	5	€15.00
BF1713	1"	5	€21.79



REDUCER SET		348	
Code	Size (Irish)	Bag Qty	Price
BF34821	¾" x ½"	10	€4.95
BF34831	1" x ½"	10	€6.79
BF34832	1" x ¾"	10	€6.79
BF34841	1¼" x ½"	5	€16.92
BF34842	1¼" x ¾"	5	€16.92
BF34843	1¼" x 1"	5	€16.92
BF34851	1½" x ½"	5	€27.05
BF34852	1½" x ¾"	5	€26.56
BF34853	1½" x 1"	5	€26.56
BF34854	1½" x 1¼"	5	€26.56
BF34861	2" x ½"	5	€51.64
BF34862	2" x ¾"	5	€50.70
BF34863	2" x 1"	5	€50.70
BF34864	2" x 1¼"	5	€50.70
BF34865	2" x 1½"	5	€50.70



OLIVE				378B
Code	Size (Irish)	Box Qty	Bag Qty	Price
BF378B1	½"	3000	50	€0.57
BF378B2	¾"	1500	50	€0.74
BF378B3	1"	1000	50	€1.41
BF378B4	1¼"	250	10	€3.23
BF378B5	1½"	250	10	€6.25
BF378B6	2"	100	10	€10.94

 NOTE: Brass fittings should NOT be used under ground 



PEX PLASTIC INSERT / LINER			
Code	Size	Bag Qty	Price
PEXL1	½"	100	€0.91
PEXL2	¾"	100	€1.02
PEXL3	1"	100	€1.70



POLYADAPTOR			
Code	Size	Bag Qty	Price
BFPOL11	½" Inner	20	€2.26
BFPOL12	½" Outer	20	€2.65
BFPOL21	¾" Inner	20	€2.46
BFPOL22	¾" Outer	20	€4.36
BFPOL31	1" Inner	20	€4.53
BFPOL32	1" Outer	20	€8.43



BRASS PIPE CLIP				
Code	Size	Box Qty	Bag Qty	Price
BFC001	15mm	500	10	Page 208
BFC002	22mm	500	10	Page 208
BFC003	28mm	250	10	Page 208
BFC004	35mm	250	10	Page 208
BFC005	42mm	125	5	Page 208
BFC006	54mm	100	5	Page 208
BFC007	67mm	75	5	Page 208
BFC008	76mm	50	5	Page 208

 NOTE: Brass fittings should NOT be used under ground 



HEAVY PATTERN COMP. GATE VALVE		367	
Code	Size	Box Qty	Price
VBHP042	½"	8	Page 22
VBHP043	¾"	6	Page 22
VBHP044	1"	3	Page 22



COMPRESSION GATE VALVE		367	
Code	Size	Box Qty	Price
VB042	½"	10	Page 22
VB043	¾"	8	Page 22
VB044	1"	5	Page 22



STOPCOCK - COMPRESSION		332	
Code	Size	Box Qty	Price
VB711	½"	12	Page 22
VB722	¾"	5	Page 22





BUSH - REDUCING MI x FI			042
Code	Size	Bag Qty	Price
BF04201	3/8" x 1/4"	10	€2.26
BF04200	1/2" x 1/4"	10	€2.26
BF04210	1/2" x 3/8"	10	€2.26
BF04221	3/4" x 1/2"	10	€3.17
BF04231	1" x 1/2"	10	€6.68
BF04232	1" x 3/4"	5	€6.68
BF04241	1 1/4" x 1/2"	5	€22.75
BF04242	1 1/4" x 3/4"	5	€22.75
BF04243	1 1/4" x 1"	5	€22.75
BF04251	1 1/2" x 1/2"	5	€26.60
BF04252	1 1/2" x 3/4"	5	€26.60
BF04253	1 1/2" x 1"	5	€26.60
BF04254	1 1/2" x 1 1/4"	5	€26.60
BF04263	2" x 1"	5	€34.81
BF04264	2" x 1 1/4"	5	€34.81
BF04265	2" x 1 1/2"	5	€34.81



HEX NIPPLE MI x MI			038
Code	Size	Bag Qty	Price
BF038007	1/8"	10	€3.96
BF038008	1/4"	10	€3.96
BF038009	3/8"	10	€3.07
BF038001	1/2"	10	€3.38
BF038002	3/4"	10	€6.03
BF038003	1"	10	€11.68



SOCKET FI x FI			342
Code	Size	Bag Qty	Price
BF342001	1/2"	10	€7.36
BF342002	3/4"	10	€8.84
BF342003	1"	5	€12.59



FLANGED BACK NUT			044
Code	Size	Bag Qty	Price
BF0441	1/2"	10	€3.11
BF0442	3/4"	10	€3.64
BF0443	1"	10	€4.06
BF0444	1 1/4"	10	€4.17



BLANK CAP COMPRESSION			372
Code	Size	Bag Qty	Price
BF3721	1/2" (Comp. / BSP)	10	€4.24
BF3722	3/4"	10	€4.64
BF3723	1"	10	€7.98
BF3724	1 1/4"	5	€12.56
BF3725	1 1/2"	5	€16.44
BF3726	2"	10	€26.44



BLANK CAP BSP			372
Code	Size	Bag Qty	Price
BF3721	1/2" (Comp. / BSP)	10	€4.24
BFCAP2	3/4"	10	€4.64
BFCAP3	1"	10	€7.98
BFCAP4	1 1/4"	5	€12.56
BFCAP5	1 1/2"	5	€16.44
BFCAP6	2"	5	€26.44



SPARE WASHER BLANK CAP			
Code	Size	Bag Qty	Price
BF3721W	1/2"	20	€1.41



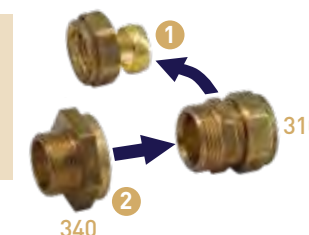
BLANKING PLUG			074
Code	Size	Bag Qty	Price
BF0741	1/2"	10	€3.06
BF0742	3/4"	10	€3.57
BF0743	1"	5	€6.45
BF0744	1 1/4"	5	€12.68
BF0745	1 1/2"	5	€17.80
BF0746	2"	5	€31.13



MI BSP x F COMP. ADAPTOR			340
Code	Size	Bag Qty	Price
BF3402	3/4"	10	€6.48
BF3403	1"	5	€6.90

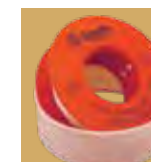
**ADAPT FROM COMP. TO BSP THREAD**

- 1 Remove nut & olive
- 2 Install Adaptor



## IRISH COPPER

1/2"	=	14.7mm
3/4"	=	21.0mm
1"	=	27.4mm
1 1/4"	=	34.0mm
1 1/2"	=	40.5mm
2"	=	53.6mm



**For our full range of PTFE SEALANT TAPES**  
please see page 48

**Philmac®**  
Making water work for you!

**Philmac fittings are approved for use above and below ground**

See pages 133 to 179 for the full range



**NOTE: Brass fittings should NOT be used under ground**



**NOTE: Brass fittings should NOT be used under ground**







STRAIGHT COUPLER C x C			410
Code	Size	Bag Qty	Price
BF410088	10mm	10	€4.81
BF410001	15mm	10	€4.44
BF410002	22mm	10	€6.80
BF410003	28mm	10	€12.63
BF410212	22mm x 15mm	10	€10.64



STRAIGHT COUPLER C x C Metric to Irish Copper			410
Code	Size	Bag Qty	Price
BF410181	10mm x 1/2"	10	€4.81
BF410111	15mm x 1/2"	10	€4.25
BF410221	22mm x 3/4"	10	€8.20
BF410331	28mm x 1"	10	€15.15



COUPLER MI x C			411
Code	Size	Bag Qty	Price
BF411088	1/4" x 10mm	10	€4.87
BF411098	3/8" x 10mm	10	€4.87
BF411018	1/2" x 10mm	10	€6.79
BF411001	1/2" x 15mm	10	€3.88
BF411002	3/4" x 22mm	10	€5.91
BF411003	1" x 28mm	10	€9.93



STRAIGHT COUPLER FI x C			412
Code	Size	Bag Qty	Price
BF412098	3/8" x 10mm	10	€6.32
BF412018	1/2" x 10mm	10	€5.95
BF412001	1/2" x 15mm	10	€4.30
BF412002	3/4" x 22mm	5	€5.85
BF412003	1" x 28mm	5	€10.50



ELBOW C x C			415
Code	Size	Bag Qty	Price
BF415088	10mm	10	€5.09
BF415001	15mm	10	€5.16
BF415002	22mm	5	€8.91
BF415003	28mm	5	€15.65



ELBOW C x C Metric to Irish Copper			415
Code	Size	Bag Qty	Price
BF415151	15mm x 1/2"	10	€5.62
BF415221	22mm x 3/4"	10	€9.31
BF415281	28mm x 1"	10	€16.22



BRASS MULTI-LAYER NUT & ADAPTOR TO METRIC COPPER COMPRESSION			
Code	Size	Bag Qty	Price
NI40022	22mm x 20mm	5	Page 60
NI50028	28mm x 26mm	5	Page 60

METRIC

NEW



ELBOW MI x C			416
Code	Size	Bag Qty	Price
BF416088	1/4" x 10mm	10	€5.13
BF416098	3/8" x 10mm	10	€4.87
BF416001	1/2" x 15mm	10	€5.66
BF416002	3/4" x 22mm	10	€8.48
BF416003	1" x 28mm	5	€15.62
BF416032	1" x 22mm	5	€12.59



ELBOW FI x C			417
Code	Size	Bag Qty	Price
BF417001	1/2" x 15mm	10	€6.74
BF417002	3/4" x 22mm	10	€10.81
BF417003	1" x 28mm	5	€17.04
BF417032	1" x 22mm	5	€15.78



EQUAL & REDUCING TEE C x C x C			418
Code	Size	Bag Qty	Price
BF418888	10mm	10	€6.79
BF418001	15mm	10	€7.18
BF418002	22mm	10	€12.02
BF418003	28mm	5	€26.35
BF418211	22mm x 15mm x 15mm	5	€13.94
BF418212	22mm x 15mm x 22mm	5	€16.27
BF418221	22mm x 22mm x 15mm	5	€15.30
BF418322	28mm x 22mm x 22mm	5	€28.06
BF418323	28mm x 22mm x 28mm	5	€27.58
BF418332	28mm x 28mm x 22mm	5	€27.58



COMPRESSION STOP END			451
Code	Size	Bag Qty	Price
BF451001	15mm	10	€6.48



OLIVE			478B
Code	Size	Bag Qty	Price
BF478B008	10mm	100	€0.78
BF478B001	15mm	100	€0.85
BF478B002	22mm	10	€1.13
BF478B003	28mm	50	€1.44



NUT			478A
Code	Size	Bag Qty	Price
BF478A008	10mm	10	€1.56
BF478A001	15mm	10	€1.73
BF478A002	22mm	10	€2.52
BF478A003	28mm	10	€4.44



BRASS LINER INSERT (For Copper Oil Line)			
Code	Size	Bag Qty	Price
BFPOL10	10mm	10	€2.25



For our full range of  
**PTFE SEALANT TAPES**  
please see page 48



NOTE: Brass fittings should NOT be used under ground



NOTE: Brass fittings should NOT be used under ground











## TRV PACK

Code	Size	Box Qty	Pack Qty	Price
EMTRV15	15mm + 1/2" Olive TRV & Lockshield Twin Pack	25	1	€16.28



## RADIATOR VALVE

Code	Size	Box Qty	Pack Qty	Price
LSV15	15mm + 1/2" Olive Lockshield	100	50	€4.59



## MULTI-LAYER TRV

Code	Size	Box Qty	Pack Qty	Price
EMTRVMLP	1/2" x 16mm	25	1	€21.61



## TRV

Code	Size	Box Qty	Pack Qty	Price
EMTRVA	15mm + 1/2" Olive	40	1	€12.27




## FULL FLOW ISOLATING VALVE

Code	Size	Box Qty	Pack Qty	Price
VB104	1/2" Full Flow	110	5	€4.35



## ISOLATING VALVE

Code	Size	Box Qty	Pack Qty	Price
VB101	1/2" 	200	10	€2.17
VB102	3/4"	100	5	€4.93
VB103	15mm	200	10	€2.17



## ISOLATING VALVE MI x C

311

Code	Description	Box Qty	Pack Qty	Price
VB301	1/2" BSP x 1/2" C	200	10	€2.42



## STRAIGHT SERVICE VALVE

Code	Size	Box Qty	Pack Qty	Price
VB201	15mm x 1/2"	200	10	€3.01



## ANGLE SERVICE VALVE

Code	Size	Box Qty	Pack Qty	Price
VB202	15mm x 1/2"	180	10	€3.67



## 1/2" CHROME RAD EXTENSION MI x FI

Code	Length	Box Qty	Pack Qty	Price
EMX015	15mm	300	5	€2.82
EMX020	20mm	300	5	€2.94
EMX025	25mm	300	5	€3.31
EMX030	30mm	300	5	€3.75
EMX040	40mm	200	5	€4.56
EMX050	50mm	100	5	€5.31
EMX060	60mm	100	5	€6.13





#### FLEXIBLE HOSE FI x COMPRESSION WITH ISOLATING VALVE 300mm

Code	Size	Box Qty	Pack Qty	Price
EMBW130	1/2" FI x C x 10mm Bore	100	10	€5.82
EMBW530	3/4" FI x C x 13mm Bore	50	10	€9.51

#### FLEXIBLE HOSE FI x COMPRESSION WITH ISOLATING VALVE 500mm

Code	Size	Box Qty	Pack Qty	Price
EMBW150	1/2" FI x C x 10mm Bore	100	10	€6.57
EMBW550	3/4" FI x C x 13mm Bore	50	10	€10.26



#### FLEXIBLE HOSE FI x COMPRESSION WITH ISOLATING VALVE

Code	Size	Box Qty	Pack Qty	Price
EMB130	1/2" 10mm Bore 300mm	100	10	€4.38
EMB150	1/2" 10mm Bore 500mm	100	10	€4.83



#### FLEXIBLE HOSE FI x COMPRESSION 300mm

Code	Size	Box Qty	Pack Qty	Price
EMB131	1/2" FI x C x 10mm Bore	100	10	€2.73
EMB531	3/4" FI x C x 13mm Bore	50	10	€4.94
EMB731	3/4" FI x C x 19mm Bore	30	10	€7.84

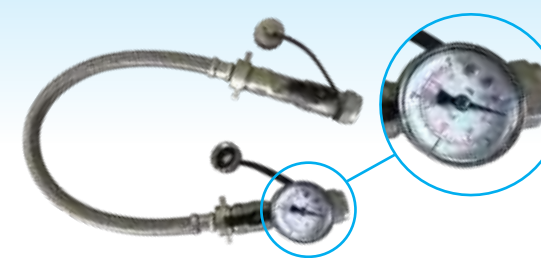
#### FLEXIBLE HOSE FI x COMPRESSION 500mm

Code	Size	Box Qty	Pack Qty	Price
EMB151	1/2" FI x C x 10mm Bore	100	10	€3.57
EMB551	3/4" FI x C x 13mm Bore	50	10	€5.62
EMB751	3/4" FI x C x 19mm Bore	30	10	€10.89



#### FLEXIBLE HOSE FI x FI

Code	Size	Box Qty	Pack Qty	Price
EMBF131	1/2" F x F 8mm Bore 300mm	100	10	€4.75
EMBF151	1/2" F x F 8mm Bore 500mm	100	10	€4.98



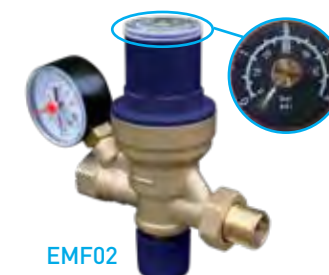
#### FILLING LOOP WITH GAUGE

Code	Description	Box Qty	Pack Qty	Price
EMFL3	1/2" Compression	20	1	€21.58



#### STRAIGHT PATTERN FILLING LOOP

Code	Description	Box Qty	Pack Qty	Price
EMFL1	1/2"	50	1	€13.10



#### FILLING VALVE (c/w GAUGE & REMOVABLE FILTER)

Code	Description	Box Qty	Pack Qty	Price
EMF02	1/2"	N/A	1	€31.86



#### AUTO BYPASS VALVE

Code	Description	Box Qty	Pack Qty	Price
EMABV	22mm	50	1	€41.76



#### WASHING MACHINE VALVE

Code	Size	Box Qty	Pack Qty	Price
VBW01	Straight - 1/2" x 3/4" MI	240	24	€2.37
VBW02	Tee - 1/2" x 3/4" MI	120	12	€3.62
VBW03	Elbow - 1/2" x 3/4" MI	150	15	€2.96



#### WASHING MACHINE Y

Code	Size	Bag Qty	Price
EMBY	Washing Machine Y	1	€1.97



#### WASHING MACHINE HOSE

Code	Size	Box Qty	Pack Qty	Price
EMBB150	Blue 3/4" Female 1.5m	20	1	€3.87
EMBB250	Blue 3/4" Female 2.5m	30	1	€5.16
EMBR150	Red 3/4" Female 1.5m	60	1	€3.60
EMBR250	Red 3/4" Female 2.5m	30	1	€4.80





#### LEVER BALL VALVE - COMPRESSION (WRAS APPROVED)

Code	Size	Box Qty	Pack Qty	Price
VBHP051	1/2" Heavy Pattern	70	10	€7.06
VBHP052	3/4" Heavy Pattern	48	8	€8.79
VBHP053	1" Heavy Pattern	30	5	€20.10
VBHP054	1 1/4" Heavy Pattern	16	1	€46.95
VBHP055	1 1/2" Heavy Pattern	12	1	€59.12
VBHP056	2" Heavy Pattern	7	1	€100.26



#### LEVER BALL VALVE - COMPRESSION

Code	Size	Box Qty	Pack Qty	Price
VB051	1/2"	60	15	€4.74
VB052	3/4"	40	10	€6.74
VB053	1"	24	6	€11.85



#### LEVER BALL VALVE - MI x FI BSP

Code	Size	Box Qty	Pack Qty	Price
VB571	1/2"	80	1	€5.29
VB572	3/4"	40	10	€6.52
VB573	1"	24	6	€9.90
VB574	1 1/4"	16	1	€18.71
VB575	1 1/2"	16	1	€26.02
VB576	2"	10	2	€59.39

For the full range of commercial ball valves from 1/2" to 4", please see page 36-37



#### LEVER BALL VALVE - FI x FI BSP

Code	Size	Box Qty	Pack Qty	Price
VB002	1/2"	120	12	€4.67
VB003	3/4"	60	10	€6.31
VB004	1"	36	6	€10.44
VB005	1 1/4"	20	4	€16.70
VB006	1 1/2"	16	4	€22.97
VB007	2"	10	2	€38.12



#### GAS LEVER BALL VALVE - COMPRESSION (WRAS APPROVED)

Code	Size	Box Qty	Pack Qty	Price
VBG51	1/2"	70	10	€8.95
VBG52	3/4"	48	8	€13.03
VBG53	1"	30	1	€20.78



#### GAS LEVER BALL VALVE - FI x FI BSP

Code	Size	Box Qty	Price
CVG02	1/2"	10	€7.45
CVG03	3/4"	8	€10.41
CVG04	1"	6	€15.68
CVG05	1 1/4"	4	€26.41
CVG06	1 1/2"	2	€40.47
CVG07	2"	2	€56.62



#### GATE VALVE - COMPRESSION (HEAVY PATTERN)

Code	Size	Box Qty	Pack Qty	Price
VBHP042	1/2"	80	8	€10.80
VBHP043	3/4"	60	6	€13.97
VBHP044	1"	30	3	€21.68



#### GATE VALVE - COMPRESSION

Code	Size	Box Qty	Pack Qty	Price
VB042	1/2"	100	10	€5.22
VB043	3/4"	80	8	€7.38
VB044	1"	50	5	€10.09



#### GATE VALVE - FI x FI BSP

Code	Size	Box Qty	Pack Qty	Price
VB922	1/2"	100	10	€5.37
VB933	3/4"	50	1	€7.33
VB944	1"	4	4	€8.80

For the full range of commercial ball valves from 1/2" to 4", please see page 36-37



#### STOPCOCK - COMPRESSION

Code	Size	Box Qty	Pack Qty	Price
VB711	1/2"	60	5	€7.49
VB722	3/4"	50	5	€12.09



#### OIL FILTER & CARTRIDGE (MADE IN ITALY)

Code	Description	Box Qty	Pack Qty	Price
EMF38F	3/8" (100 Microns)	200	5	€9.20
EMF44	44µm cartridge	10	10	POA
EMF60	60µm cartridge	10	10	POA
EMF100	100µm cartridge	10	10	POA



EMA01



EMA02




#### AIR VENT

Code	Description	Box Qty	Pack Qty	Price
EMA01	1/2" Bottle	100	10	€5.68
EMA02	1/2" Narrow Bottle	50	1	€13.88





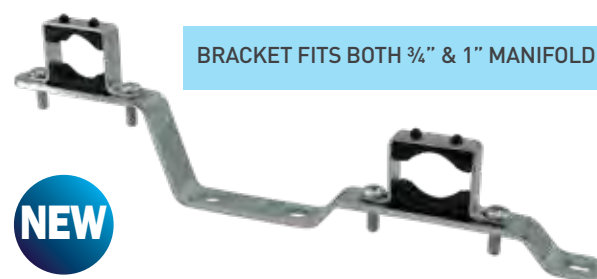
#### SAFETY VALVE - FI x FI BSP

Code	Description	Box Qty	Pack Qty	Price
EMSV13	1/2" 3 Bar	160	20	€5.54
EMSV115	1/2" 1.5 Bar 	150	10	€5.38
EMSV16	1/2" 6 Bar 	150	10	€5.38
EMSV36	1" 6 Bar 	10	1	€22.33
EMSV17	1/2" 7 Bar	160	20	€8.08



#### MANIFOLD

Code	Description	Box Qty	Pack Qty	Price
EM322	3/4" x 1/2" x 2 port	73	1	€6.82
EM323	3/4" x 1/2" x 3 port	50	1	€9.31
EM324	3/4" x 1/2" x 4 port	36	1	€12.07
EM422	1" x 1/2" x 2 port	50	1	€8.38
EM423	1" x 1/2" x 3 port	36	1	€11.16
EM424	1" x 1/2" x 4 port	27	1	€13.61



#### MANIFOLD BRACKET (Pair)

Code	Size	Bag Qty	Price
MB341	3/4" & 1"	1 Pair	€10.67



Brass/Stainless  
Steel Internals



#### EUROPA SPRING NON RETURN VALVE

Code	Pressure	Size	Price
CV021	25bar / 362.5psi	1/2"	€6.75
CV022	25bar / 362.5psi	3/4"	€9.48
CV023	25bar / 362.5psi	1"	€12.85
CV024	18bar / 261psi	1 1/4"	€20.35
CV025	18bar / 261psi	1 1/2"	€27.39
CV026	18bar / 261psi	2"	€41.85



Brass/Stainless  
Steel Internals

#### COMP. SPRING NON RETURN VALVE

Code	Size	Box Qty	Pack Qty	Price
VB121	1/2"	90	15	€3.87
VB122	3/4"	96	16	€7.09
VB123	1"	60	6	€10.25






#### FLAP NON RETURN VALVE - FI x FI BSP

Code	Size	Box Qty	Pack Qty	Price
VB221	1/2"	150	15	€3.93
VB222	3/4"	120	12	€5.13
VB223	1"	80	8	€7.83



#### PRESSURE REDUCING VALVE DZR\*

Code	Description	Box Qty	Pack Qty	Price
PRV002*	1/2" P.R.V. 	34	1	€43.61
PRV003*	3/4" P.R.V. 	34	1	€54.13
PRV004*	1" P.R.V. 	18	1	€73.52
PRV005	1 1/4" P.R.V.	12	1	€172.99
PRV006	1 1/2" P.R.V.	9	1	€180.47
PRV007	2" P.R.V.	5	1	€264.29

\*DZR applies to products marked \* only



#### MINIPRESS PRV

Code	Size	Box Qty	Pack Qty	Price
MPRV003	3/4"	44	4	€24.06



#### EXPANSION VESSEL

Code	Volume	BSP	Price
EXPV2L	2L	1/2"	€50.69



#### TUNDISH C x C

Code	Size	Box Qty	Pack Qty	Price
TD14721	14.7mm x 21mm	300	10	€8.73
TD1522	15mm x 22mm	300	10	€8.73



#### Y STRAINER

Code	Size	Box Qty	Pack Qty	Price
VBV112	1/2"	120	1	€7.33
VBV113	3/4"	80	1	€10.26
VBV114	1"	50	1	€17.11
VBV115	1 1/4"	24	1	€29.33
VBV116	1 1/2"	18	1	€43.99
VBV117	2"	8	1	€80.65



#### GATE PUMP VALVE

Code	Description	Box Qty	Pack Qty	Price
VBP23	3/4" Female	60	10	€8.67
VBP24	1" Female	50	5	€9.85
VBP43	3/4" Compression	80	6	€8.27
VBP44	1" Compression	60	5	€10.46



NEW

#### SPARE NUT FOR PUMP VALVES

Code	Description	Box Qty	Pack Qty	Price
VBPN	1 1/2" Nut	200	10	€2.38



#### SPARE PUMP VALVE WASHER

Code	Description	Box Qty	Pack Qty	Price
VBPW	Spare Pump Valve Washer for 3/4" & 1"	1000	10	€0.59





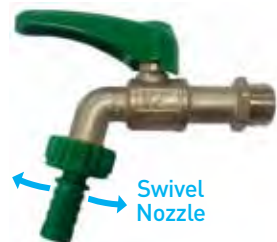
#### BIB TAP

Code	Size	Box Qty	Pack Qty	Price
VB172	1/2"	100	10	€5.71
VB173	3/4"	60	6	€9.55



#### LEVER BALL TAP

Code	Size	Box Qty	Pack Qty	Price
VB272	1/2"	100	10	€4.91
VB372	3/4"	60	6	€8.38



#### FREEZE RESISTANT TAP

Code	Description	Box Qty	Price
FR72	1/2" Freeze Resistant tap -20°C to +80°C	10	€9.12
MBH32	Nylon Mobile Bib Tap Hose Connection	5	€1.09



#### ARCTIC BIB TAP

Code	Description	Bag Qty	Price
VBA72	1/2" -20°C to +75°C	5	Page 197
VBA73	3/4" -20°C to +75°C	5	Page 197



#### BRASS NUT & TAIL

Code	Size	Box Qty	Pack Qty	Price
VBB32	1/2"	1000	10	€1.76
VBB43	3/4"	500	10	€2.86



#### CHROME NUT & TAIL

Code	Size	Box Qty	Pack Qty	Price
VB132	1/2"	100	5	€1.73
VB143	3/4"	100	5	€2.81



NEW

#### DOUBLE OUTLET BIB TAP\*

Code	Size	Box Qty	Pack Qty	Price
VBD72C	1/2"	12	1	€11.88

\*Supplied with hanging card



#### ROUND CLIP

Code	Size	Box Qty	Price
PC2024	1/2" - D20 - 24mm	100	€2.31
PC2530	3/4" - D25 - 30mm	60	€2.15
PC3236	1" - D32 - 36mm	60	€2.37
PC3844	1 1/4" - D38 - 44mm	50	€2.46
PC4450	1 1/2" - D44 - 50mm	50	€3.28
PC5662	2" - D56 - 62mm	40	€3.39
PC7480	2 1/2" - D74 - 80mm	30	€4.14
PC8490	3" - D84 - 90mm	20	€4.90
PCS100110	4" - D100 - 110mm	15	€7.71



#### THE REVOLUTIONARY NEW EASY TO FIT PIPE / CABLE SYSTEM

- Easy Fit • UV Resistant • Heat Resistant • Chemical Resistant • Wide Tolerance
- No Corroding Parts • Rubber Liner to Prevent Vibration



#### BRASS PIPE CLIP

Code	Size	Box Qty	Price
BFC001	15mm	10	€1.28
BFC002	22mm	10	€1.54
BFC003	28mm	10	€1.83
BFC004	35mm	10	€3.55
BFC005	42mm	5	€4.65
BFC006	54mm	5	€6.61
BFC007	67mm	5	€12.71
BFC008	76mm	5	€14.39



#### FLAT CLIP

Code	Size	Box Qty	Price
PCF1418	3/8" - D14 - 18mm	100	€1.13
PCF2024	1/2" - D20 - 24mm	100	€1.22
PCF2530	3/4" - D25 - 30mm	60	€1.26
PCF3236	1" - D32 - 36mm	60	€1.52
PCF3844	1 1/4" - D38 - 44mm	50	€1.76
PCF4450	1 1/2" - D44 - 50mm	50	€2.13
PCF5662	2" - D56 - 62mm	40	€2.39
PCF7480	2 1/2" - D74 - 80mm	30	€3.27
PCF8490	3" - D84 - 90mm	20	€4.04



#### PIPE CLIP TOOL

Code	Description	Box Qty	Price
PCTOOL	Hand Tool for Pipe Clip	15	€6.90





### 1/2" BALLCOCK

Code	Size	Tail	Arm	Jet	Box Qty	LPM@3 Bar	Price
BC1000 <b>PLASTIC NUT</b>	1/2"	2"	9"	3.2mm (High Pressure)	50	9.7	€6.69
BC1001 <b>BRASS NUT</b>	1/2"	2"	9"	3.2mm (High Pressure)	50	9.7	€7.23
BC1003 <b>BRASS NUT</b>	1/2"	2"	6"	3.2mm	50	9.7	€7.23
BC1004 <b>BRASS NUT</b>	1/2"	2"	5"	3.2mm	50	9.7	€8.41
BC2001 <b>BRASS NUT</b>	1/2"	3"	6"	3.2mm	50	9.7	€7.23
BC2241 <b>BRASS NUT</b>	1/2"	4"	9"	6mm Red	50	33	€11.84
BC2251 <b>BRASS NUT</b>	1/2"	5"	9"	6mm Red	50	33	€12.25

NEW



### 1/2" LOW PRESSURE BALLCOCK WITH BRASS NUTS

Code	Size	Tail	Arm	Jet	Box Qty	LPM@3 Bar	Price
BC2002	1/2"	3"	6"	9.5mm	50	75.5	€9.76
BC2321	1/2"	2"	9"	9.5mm	50	75.5	€10.43



5" Tail For Concrete Drinking Troughs

### 3/4" AGRI BALLCOCK WITH BRASS NUTS<sup>†</sup>

Code	Size	Tail	Arm	Jet	Box Qty	Arm Thread	LPM@3 Bar	Price
BC3011L	3/4"	5"	13"	7.8mm	30	5/16"	45.5	€22.37



### 3/4" HIGH PRESSURE BALLCOCK WITH BRASS NUTS

Code	Size	Tail	Arm	Jet	Box Qty	Arm Thread	LPM@3 Bar	Price
BC3011	3/4"	3"	13"	6.7mm	30	5/16"	41	€16.66
BC3011S	3/4"	2"	13"	6.7mm	30	5/16"	41	€15.83

<sup>†</sup>For more Agri Ballcocks please refer to p147-148



PLEASE NOTE: A combination of jet size, arm length and float size will determine shut-off pressure



Hi-Flo® **NEW**

### 3/4" HI-FLO® BALLCOCK

Code	Size	Tail	Arm	Jet	Box Qty	Arm Thread	LPM@3 Bar	Price
BC3105	3/4"	5"	10"	10mm	15	5/16"	72	€27.03
BC3135	3/4"	5"	13"	10mm	15	5/16"	72	€29.84



### LARGE BALLCOCK 1"

Code	Size	Tail	Arm	Jet	Arm Thread	Price
BC4225	1"	2"	15"	9.5mm	7/16"	€56.73



### LARGE BALLCOCK 1 1/4" - 2"

Code	Size	Tail	Arm	Jet	Arm Thread	Price
BC5222	1 1/4"	4"	22"	19mm	9/16"	€260.99
BC6222	1 1/2"	4 1/2"	22"	19mm	9/16"	€283.76
BC7229	2"	4 1/2"	29"	25.4mm	5/8"	€441.10



PLEASE NOTE: A combination of jet size, arm length and float size will determine shut-off pressure







**EASY  
PHIL**

#### EASYPHIL BALLCOCK

Code	Size	Tail	Arm	Jet	LPM@3Bar	Price
300240	1/2"	1 1/2"	10"	5.4mm	26	Page 163
300300	1/2"	1 1/2"	8"	5.4mm	26	Page 163
300400	1/2"	1 1/2"	5"	5.4mm	26	Page 163
300230	3/4"	1 1/2"	10"	7mm	43	Page 163
300320	3/4"	1 1/2"	8"	7mm	43	Page 163
300420	3/4"	1 1/2"	5"	7mm	43	Page 163



#### RXP BALLCOCK - WITH LOCK NUT

Code	Size	Tail	Arm	LPM@3Bar	Price
RXPTV20L	3/4"	1 3/4"	12"	105	Page 163
RXPTV20LSA	3/4"	1 3/4"	7"	105	Page 163



#### RXP BALLCOCK - WITHOUT LOCK NUT

Code	Size	Tail	Arm	LPM@3Bar	Price
RXPTV20	3/4"	1"	12"	105	Page 163
RXPTV20SA	3/4"	1"	7"	105	Page 163



WORKS AS A SIDE OR BOTTOM ENTRY

#### STOCK PROOF TROUGH VALVE

Code	Size	Tail	LPM@3Bar	Price
AQ400P	3/4" Poly Valve & Float Kit	3/4"	65	Page 164
AQ900	3/4" Float Kit	3/4"	65	Page 164



PLEASE NOTE: A combination of jet size, arm length and float size will determine shut-off pressure



**NEW  
MEGA  
PHIL**

#### MEGAPHIL BALLCOCK

Code	Size	Tail	Arm	Jet Diameter	Arm Thread Size	Price
903223	1"	1 <sup>1</sup> / <sub>8</sub> "	16"	19mm	½" BSW	Page 164
903224	1¼"	1 <sup>3</sup> / <sub>16</sub> "	16"	19mm	½" BSW	Page 164

Code	Size	Tail	Arm	HP Jet Diameter	LP Jet Diameter	Arm Thread Size	Price
903225	1½"	1 <sup>3</sup> / <sub>16</sub> "	16"	18mm	37mm	½" BSW	Page 164
903226	2"	1 <sup>3</sup> / <sub>8</sub> "	16"	22mm	43mm	½" BSW	Page 164



**NEW  
MEGA  
PHIL**

#### MEGAPHIL FLOAT

Code	Size	Thread Size	Price
904899	9"	1/2" BSW	Page 164



#### BALLCOCK CORD & NIPPLE

Code	Description	Qty	Price
RX TV.CN	Cord and Nipple for RX Ballcocks	1	Page 164



CAN BE CUT TO 3" OR 4" LENGTH

#### EXTENDED PLASTIC TANK CONNECTOR

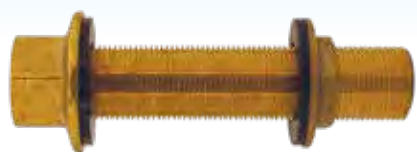
Code	Description	Box Qty	Price
91470004	3/4" x 5" M x F	5	Page 164



PLEASE NOTE: A combination of jet size, arm length and float size will determine shut-off pressure







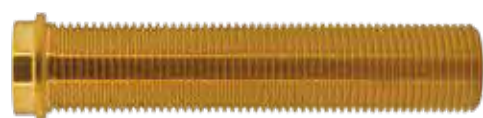
#### BRASS TANK CONNECTOR FOR CONCRETE TANKS

Code	Description	Box Qty	Price
BTC115	3/4" M x F 115mm long	1	€12.09



#### PLASTIC TANK CONNECTOR

Code	Description	Box Qty	Price
4714	1/2" BSP x 4"	5	€6.07
4715	1/2" BSP x 5"	5	€7.66



#### BRASS BALLCOCK TAIL EXTENSION

Code	Description	Box Qty	Price
BC4T	4" Tail for 1/2" HP Ballcock	5	€5.80
BC4T3.4	4" Tail for 3/4" HP Ballcock	5	€23.28



#### BALLCOCK EXTENSION

Code	Description	Box Qty	Price
4711	1/2" Blue M x F Extensions	5	€3.62
4721	3/4" x 1/2" Grey M x F Extensions	5	€8.93



#### PLASTIC JET

Code	Description	Bag Qty	Price
BCJET	1/8" [3.2mm] High Pressure Jet for 1/2" Ballcock	10	€0.77
BC9240	3/16" [4.7mm] Jet for 1/2" HP Ballcock	10	€0.77
BC9230	1/4" [6mm] MP Jet for 1/2"	10	€0.77
BC9331	1/4" [6.7mm] HP Jet for 3/4" Ballcock	10	€0.77
BC9332	5/16" [7.8mm] Jet for 3/4" Agri Ballcock	10	€0.78
BC9431	3/8" [9.5mm] Jet for 1" Ballcock	10	€0.77



#### BALLCOCK ARM

Code	Description	Box Qty	Pack Qty	Price
BC9005	5" Arm Only	500	1	€3.71
BC9006	6" Arm Only	500	1	€3.97
BC9008	8" Arm Only	250	1	€4.34
BC9010	10" Arm Only	250	1	€4.74
BC9013	13" Arm Only	100	1	€10.54



#### COPPER FLOAT

Code	Description	Price
BC9145	Copper Float 4.5" x 5/16" Thread	€29.71
BC9105	Copper Float 5" x 5/16" Thread	€40.51
BC9106	Copper Float 6" x 5/16" Thread	€45.92
BC9107	Copper Float 7" x 5/16" Thread	€75.63
BC9108	Copper Float 8" x 7/16" Thread	€70.23
BC9110	Copper Float 10" x 9/16" Thread	€101.29
BC9112	Copper Float 12" x 5/8" Thread	€121.54



#### PLASTIC FLOAT

Code	Description	Price
BC9045	4.5" Round Plastic Ball 5/16" Thread	€1.40
BC9046	4.5" Cylindrical Float 5/16" Thread	€2.57
BC9055	5.5" Round Plastic Ball 5/16" Thread	€4.94
BC9060	6" Round Plastic Ball 5/16" Thread	€6.01
BC9080	8" Round Plastic Ball 7/16" Thread	€9.28



#### FLANGED BACK NUT

044

Code	Size	Bag Qty	Price
BF0441	1/2"	10	Page 11
BF0442	3/4"	10	Page 11
BF0443	1"	10	Page 11
BF0444	1 1/4"	10	Page 11



#### BALLCOCK PIN/WASHER/PLASTIC PISTON

Code	Description	Box Qty	Price
BC9990	Brass Pin for 1/2"	10	€0.37
BC9992	Spare Washer for 1/2" Ballcock	10	€0.60
BC9991	Plastic Piston for 1/2"	10	€0.94
BC9993	3/4" Piston	10	€3.71



PLEASE NOTE: A combination of jet size, arm length and float size will determine shut-off pressure



PLEASE NOTE: A combination of jet size, arm length and float size will determine shut-off pressure







Howth Lighthouse, County Dublin



# COMMERCIAL PLUMBING PRODUCTS



iTap products are made to the highest standards and are suitable for Commercial and Industrial applications



## SPECIFICATIONS

- Female / Female Threads
- Flat Lever Handles in Lined Steel
- Body in Nickel-Plated Brass
- Full Flow
- Min. Working Temp: -20°C
- Max. Working Temp: 150°C (in the absence of steam)

## ECOLOGICAL BALL VALVE

Code	Size	Max Operating Pressure	Box Qty.	Price
CVE02	1/2"	50 bar / 725psi @95°C	1	€8.16
CVE03	3/4"	40 bar / 580psi @95°C	8	€10.84
CVE04	1"	40 bar / 580psi @95°C	6	€16.65
CVE05	1 1/4"	30 bar / 435psi @95°C	4	€29.39
CVE06	1 1/2"	30 bar / 435psi @95°C	2	€44.75
CVE07	2"	25 bar / 362.5psi @95°C	2	€64.44

**NB** Ecological Ball Valves in compliance with the new European regulation for drinkable water. Approved in accordance with standard EN 13828 and code of practice DVGW W 570 for the distribution of water intended for human consumption. Equipped with a ball designed to avoid the stagnation of water and eventual proliferation of bacteria inside the valve.



## SPECIFICATIONS

- Female / Female Threads
- Flat Lever Handles in Lined Steel
- Body in Nickel-Plated Brass
- Min. Working Temp: -20°C
- Max. Working Temp: 150°C (in the absence of steam)

## FI x FI BALL VALVE

Code	Size	Max Operating Pressure	Box Qty.	Price
CV001	3/8"	50 bar / 725psi @95°C	12	€4.94
CV002	1/2"	30 bar / 435psi @95°C	15	€5.68
CV003	3/4"	30 bar / 435psi @95°C	8	€8.43
CV004	1"	30 bar / 435psi @95°C	8	€12.35
CV005	1 1/4"	25 bar / 362psi @95°C	4	€19.97
CV006	1 1/2"	25 bar / 362psi @95°C	4	€28.07
CV007	2"	25 bar / 362psi @95°C	2	€45.94
CV008	2 1/2"	18 bar / 261psi @95°C	1	€98.88
CV009	3"	14 bar / 203psi @95°C	1	€164.87
CV010	4"	12 bar / 174psi @95°C	1	€193.96

Suitable for domestic water services, heating, air conditioning plants and compressed air systems

For full specification, please refer to the relevant data sheets which can be found on our website:

[www.southcoastsales.com](http://www.southcoastsales.com)



## LOCKING DEVICE (FLAT LEVER HANDLES)

Code	Size	Box Qty.	Price
CVLK01	1/4" & 1/2" Valves	10	€2.79
CVLK02	3/4" & 1" Valves	10	€3.49





#### SPECIFICATIONS

- Male / Female Threads
- Union Coupling
- T Handle in Aluminium
- Body in Nickel-Plated Brass
- Full Flow
- Min. Working Temp: -20°C
- Max. Working Temp: 150°C (in the absence of steam)

#### MI x FI UNION VALVE

Code	Size	Max Operating Pressure	Box Qty.	Price
CV302	1/2"	50 bar / 725psi @95°C	8	€7.74
CV303	3/4"	40 bar / 580psi @95°C	6	€11.47
CV304	1"	40 bar / 580psi @95°C	6	€17.84
CV305	1 1/4"	30 bar / 435psi @95°C	4	€30.84
CV306	1 1/2"	30 bar / 435psi @95°C	2	€46.71
CV307	2"	25 bar / 362.5psi @95°C	2	€62.89

Suitable for domestic water services, heating, air conditioning plants and compressed air systems



#### SPECIFICATIONS

- Female / Female Threads
- Flat Lever Handles in Lined Steel
- Body in Nickel-Plated Brass
- Min. Working Temp: -20°C
- Max. Working Temp: 60°C

#### GAS BALL VALVE

Code	Size	Box Qty.	Price
CVG02	1/2"	10	€7.45
CVG03	3/4"	8	€10.41
CVG04	1"	6	€15.68
CVG05	1 1/4"	4	€26.41
CVG06	1 1/2"	2	€40.47
CVG07	2"	2	€56.62



#### SPECIFICATIONS

- Female / Female Threads
- Min. Working Temp: 0°C
- Max. Working Temp: 150°C (in the absence of steam)
- Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)
- Handle in Steel
- Body in Brass

#### BRASS GATE VALVE FI x FI

Code	Size	Box Qty.	Price	Code	Size	Box Qty.	Price
CV942	1/2"	12	€10.60	CV977	2"	2	€47.42
CV943	3/4"	10	€12.60	CV978	2 1/2"	1	€87.65
CV944	1"	5	€18.04	CV979	3"	1	€105.22
CV955	1 1/4"	4	€24.27	CV980	4"	1	€221.59
CV966	1 1/2"	2	€31.51				



#### SPECIFICATIONS

- Strainer in Stainless Steel
- Threaded End in Nylon
- Filtration Degree: 3/8" through 2": 1200µm  
2 1/2" through 4": 2000µm

#### ITAP SPARE FILTER

Code	Size	Box Qty.	Price	Code	Size	Box Qty.	Price
CV113	3/4"	20	€1.23	CV117	2"	4	€3.02
CV114	1"	20	€1.38	CV118	2 1/2"	1	€5.83
CV115	1 1/4"	10	€1.79	CV119	3"	1	€7.01
CV116	1 1/2"	10	€2.35	CV120	4"	1	€9.48

Suitable for domestic water services, heating, air conditioning plants and compressed air systems.  
It can be installed in any position: vertical, horizontal or oblique



#### SPECIFICATIONS

- Body in Nickel-Plated Brass
- Plate in Brass
- 300 Micron
- Other Mesh Sizes Available - 500, 50
- Min. Working Temp: -20°C
- Max. Working Temp: 110°C

#### Y STRAINER

Code	Size	Max Operating Pressure	Box Qty.	Price
CVY114	1/2"	20bar / 290psi @80°C	1	€13.40
CVY115	3/4"	20bar / 290psi @80°C	10	€14.18
CVY116	1"	20bar / 290psi @80°C	8	€21.77
CVY117	1 1/4"	20bar / 290psi @80°C	1	€31.76
CVY118	1 1/2"	20bar / 290psi @80°C	2	€41.31
CVY119	2"	20bar / 290psi @80°C	2	€67.70

Suitable for domestic water services, heating, air conditioning plants and compressed air systems.  
It can be installed in any position: vertical, horizontal or oblique



#### SPECIFICATIONS

- Body in Brass
- Plate in Stainless Steel
- Spring in Stainless Steel
- Min. Working Temp: -20°C
- Max. Working Temp: 100°C
- NBR Washer

#### EUROPA FOOT VALVE

Code	Size	Max Operating Pressure	Box Qty.	Price
CV013	3/4"	25bar / 362.5psi @80°C	6	€11.07
CV014	1"	25bar / 362.5psi @80°C	4	€14.56
CV015	1 1/4"	18bar / 261psi @80°C	4	€22.67
CV016	1 1/2"	18bar / 261psi @80°C	2	€30.52
CV017	2"	18bar / 261psi @80°C	2	€45.76
CV018	2 1/2"	12bar / 174psi @80°C	14	€133.06
CV019	3"	12bar / 174psi @80°C	1	€157.22
CV020	4"	12bar / 174psi @80°C	1	€249.72

Suitable for domestic water services, heating, air conditioning plants and compressed air systems.  
It can be installed in any position: vertical, horizontal or oblique





#### SPECIFICATIONS

- Body in Brass
- Plate in Stainless Steel
- Spring in Stainless Steel
- Min. Working Temp: -20°C
- Max. Working Temp: 100°C
- NBR Washer

#### EUROPA SPRING NON RETURN VALVE

Code	Size	Max Operating Pressure	Box Qty.	Price
CV030	3/8"	25bar / 362.5psi @80°C	1	€6.05
CV021	1/2"	25bar / 362.5psi @80°C	10	€6.75
CV022	3/4"	25bar / 362.5psi @80°C	8	€9.48
CV023	1"	25bar / 362.5psi @80°C	6	€12.85
CV024	1 1/4"	18bar / 261psi @80°C	4	€20.35
CV025	1 1/2"	18bar / 261psi @80°C	4	€27.39
CV026	2"	18bar / 261psi @80°C	2	€41.85
CV027	2 1/2"	12bar / 174psi @80°C	1	€96.48
CV028	3"	12bar / 174psi @80°C	1	€145.47
CV029	4"	12bar / 174psi @80°C	1	€241.89

Suitable for domestic water services, heating, air conditioning plants and compressed air systems.  
It can be installed in any position: vertical, horizontal or oblique



#### SPECIFICATIONS

- Body in Brass
- Plate in Brass
- Min. Working Temp: 0°C
- Max. Working Temp: 90°C

#### SWING CHECK VALVE

Code	Size	Max Operating Pressure	Box Qty.	Price
CV221	1/2"	16bar / 232psi @90°C	16	€6.24
CV222	3/4"	16bar / 232psi @90°C	12	€8.61
CV223	1"	12bar / 174psi @90°C	8	€13.21
CV224	1 1/4"	10bar / 145psi @90°C	5	€19.00
CV225	1 1/2"	10bar / 145psi @90°C	4	€24.52
CV226	2"	10bar / 145psi @90°C	2	€34.52
CV227	2 1/2"	8bar / 116psi @90°C	1	€71.70
CV228	3"	8bar / 116psi @90°C	1	€122.53
CV229	4"	8bar / 116psi @90°C	1	€226.12

Suitable for domestic water services, heating, air conditioning plants and compressed air systems.  
It can be installed in any position: vertical, horizontal or oblique



#### SPECIFICATIONS

- Body in Brass.
- Min. Working Temp: 0°C
- Max. Working Temp: 80°C
- Maximum inlet pressure: 15bar.
- Outlet pressure can be adjusted between 1 and 4 bar
- Factory Setting 3 bar

#### MINI PRESSURE REDUCING VALVE

Code	Size	Box Qty.	Price
MPRV003	3/4"	4	€24.06



#### SPECIFICATIONS

- Min. Working Temp: 0°C
- Max. Working Temp: 80°C
- Max. Inlet Pressure: 25 Bar
- Outlet pressure can be adjusted from: 1 to 6 Bar
- Factory Setting:  
3 Bar (1 1/4" - 2")  
4 Bar (1/2" - 1")

For full specification, please refer to the relevant data sheets which can be found on our website:

[www.southcoastsales.com](http://www.southcoastsales.com)

#### PRESSURE REDUCING VALVE

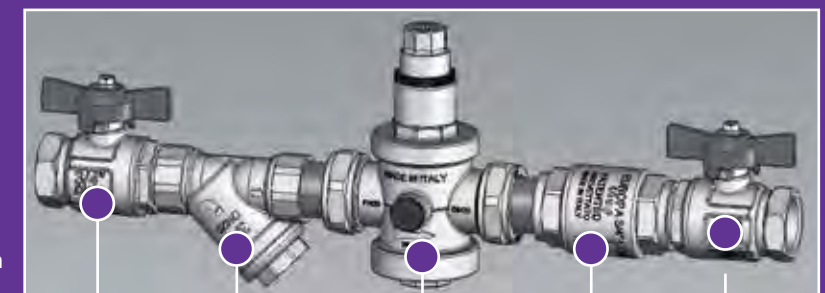
Code	Size	Box Qty.	Price
PRV002	DZR 1/2" P.R.V.	1	€43.61
PRV003	DZR 3/4" P.R.V.	1	€54.13
PRV004	DZR 1" P.R.V.	1	€73.52
PRV005	1 1/4" P.R.V.	1	€172.99
PRV006	1 1/2" P.R.V.	1	€180.47
PRV007	2" P.R.V.	1	€264.29

#### Pressure Reducing Valve

is a device which reduces and stabilises the upstream pressure to an adjusted downstream pressure.

When the entering pressure from the mains is too high and variable, the pressure reducing valve stabilises the downstream pressure to the adjusted one. Possible variations of the upstream pressure do not influence the adjusted downstream pressure.

The range of pressure reducing valves allows the operator to adjust the downstream pressure to a set figure.



Ball Valve Y Strainer Pressure Reducing Valve Non Return Valve Ball Valve

To avoid damage to inner parts of the Pressure Reducing Valve from water impurities it is recommended that a Y Strainer is installed upstream of the valve.

In order to avoid excessive noise we recommend to follow a reduction factor between the inlet pressure and outlet pressure of 2.5.

**For example:** With an outlet pressure of 4 bar the maximum inlet pressure has to be not more than 10 bar. In case of higher pressure we recommend the installation in series of two pressure valves.







# PLUMBING TOOLS



NEW

## THREE PRONG REAMER

Code	Size	Price
RT1626	16 x 2.0/20 x 2.0/26 x 3.0	€67.28



NEW

## RATCHET REAMING TOOL

Code	Description	Price
RT4063	40 - 63mm	€121.96



NEW

## PIPE REAMERS (Suitable for Ratchet Tee or Electric Drill)

Code	Description	Price
RTTEE	Ratchet Tee Handle	€53.27
RT16RB	Reaming Bit 16mm x 2.0	€34.01
RT20RB	Reaming Bit 20mm x 2.0	€36.95
RT26RB	Reaming Bit 26mm x 3.0	€44.02
RT32RB	Reaming Bit 32mm x 3.0	€54.61



NEW

## LARGE PIPE REAMERS (Suitable for Ratchet Tee or Electric Drill)

Product Code	Description	Price
RTTEE	Ratchet Tee Handle	€53.27
RT40RB	Reaming Bit 40mm x 3.5mm	€78.16
RT50RB	Reaming Bit 50mm x 4.0mm	€122.31
RT63RB	Reaming Bit 63mm x 4.5mm	€208.87



NEW

## REAMING SET

Code	Description	Price
RTSET1	Full Kit includes:	€165.41
RT1626	Reamer 16 x 2.0/ 20mm x 2.0/ 26mm x 3.0	
RTTEE	Ratchet Tee Handle	
RT32RB	Reaming Bit 32mm x 3.0	



## MULTI-LAYER PF PIPE REAMER

Code	Size	Price
PR162025	16mm, 20mm & 25mm	€12.39
PR202532	20mm, 25mm & 32mm	€14.86



## PIPE CUTTER

Code	Size	Price
1767	Soft Pipe Cutter 37mm	€16.39
1768	Up to 36mm	€18.99
1769	Up to 42mm	€28.90



## HEAVY DUTY PIPE CUTTER - V BLADE

Code	Size	Price
MTC0732	Up to 32mm	€30.97
MTC0764	Up to 64mm	€43.35





#### MULTI-LAYER SPRING (Internal)

Code	Size	Bag Qty	Price
MTS02	16mm	10	€1.56
MTS03	20mm	10	€2.11
MTS04	26mm	5	€2.70
MTS05	32mm	4	€3.99

#### MULTI-LAYER SPRING (External)

Code	Size	Price
MTS06	16mm	€3.02
MTS07	20mm	€3.89
MTS08	26mm	€5.30
MTS09	32mm	€8.22



#### MULTI-LAYER PIPE STRAIGHTENER

Code	Size	Price
MTR03	16mm - 32mm	€365.40



#### MULTI-LAYER PIPE BENDER

Code	Size	Price
MST01	16mm - 32mm	€278.70



NEW

#### SQUEEZE OFF

Code	Description	Price
SOU12	Pocket Squeeze Off Unit 20-42mm	€106.17
SOU13	Squeeze Off Unit 20-63mm - with Retaining Chain	€200.54



#### PHILMAC SPANNER

Philmac

Code	Description	Price
7024P	Plastic Y Spanner 20-32mm	Page 165
7024Y	Metal Y Spanner 20-32mm	Page 165
7024	Metal C Spanner 20-32mm	Page 165
7047	Metal C Spanner 32-63mm	Page 165



#### KEY TO FITTING HOOK

Code	Size	Price
UD092	40 - 63mm	Page 183
UD093	75 - 110mm	Page 183



#### IMMERSION SPANNER

Code	Description	Price
SPANCR	Cranked Immersion Spanner	€9.32
SPANFL	Flat Immersion Spanner	€9.32





# SEALANT TAPES



## PTFE TAPE

Code	Size	Box Qty	Price
PTFES	12mm x 0.075mm x 12m	250	€0.73



## PTFE TAPE

Code	Size	Box Qty	Price
PTFEB	12mm x 0.075mm x 10m - 0.3g/cm <sup>3</sup>	250	€0.28



## SPECIFICATION

- WIDE TAPE (19.05mm)



## PTFE TAPE WIDE

Code	Size	Box Qty	Price
PTFEW	19mm x 0.075mm x 12m	250	€1.26



## SPECIFICATION

- High Performance Teflon
- Suitable for chemicals, oils, vapours & liquids from -100°C to +300°C

## GRIFFON PROFESSIONAL PTFE TAPE

Code	Size	Box Qty	Price
PTFEPRO	19mm x 0.2mm x 12m	1	€3.57



## PTFE TAPE GAS

Code	Size	Box Qty	Price
PTFEGAS	12mm x 5m	250	€1.58



## PTFE STRING

Code	Size	Box Qty	Price
PTFESTRING	2mm x 80m - 1.2g/cm <sup>3</sup>	1	€4.26









# GLUES & LUBRICANTS



## GRIFFON BLUE POT GEL LUBRICANT

Code	Size	Box Qty	Price
GRB800	800g	12	€20.57



## GRIFFON BLUE GEL LUBRICANT

Code	Size	Box Qty	Price
GRB250	250g	8	€11.48



## GRIFFON T88 GLUE

Code	Size	Box Qty	Price
GRT100	100ml	24	€8.37
GRT250	250ml	24	€11.44



## GRIFFON HEMP DISPENSER

Code	Size	Box Qty	Price
GRHEMP100	100g	12	€12.93









# MULTI-LAYER FITTINGS & PIPE

16mm, 20mm, 26mm & 32mm

## INTRODUCTION TO PF PRESS

PF Press is designed for potable water, plumbing and heating applications. PF Press can be used in both domestic and commercial settings. The fittings are Brass with stainless steel sleeves and EPDM "O" ring seals in 'TH' Profile. Sizes range from 16mm to 32mm.

## ADVANTAGES

The PF Press system offers some significant advantages when compared to traditional systems

- Fast and secure installation
- Easy pipe laying, just bend and set so less fittings required
- No solder, threading or welding
- No copper, no theft
- Light weight
- Press tool eliminates guess work
- High pressure and temperature resistant
- Resistant to stress cracking and fracturing



\*For terms & conditions please visit  
www.southcoastsales.com





PFP STRAIGHT COUPLER			710
Code	Size	Bag Qty	Price
T0101SC	16mm	10	€1.76
T0102SC	20mm	10	€2.31
T0103SC	26mm	5	€3.39
T0104SC	32mm	2	€5.56



PFP STRAIGHT COUPLER MI x PIPE			711
Code	Size	Bag Qty	Price
T0301MS	½" MI x 16mm	10	€1.76
T0303MS	½" MI x 20mm	10	€2.06
T0302MS	¾" MI x 16mm	10	€2.34
T0304MS	¾" MI x 20mm	10	€2.55
T0306MS	¾" MI x 26mm	5	€3.04
T0310MS	1" MI x 20mm	5	€4.57
T0307MS	1" MI x 26mm	5	€5.25
T0309MS	1" MI x 32mm	2	€7.25



PFP ELBOW			715
Code	Size	Bag Qty	Price
T0501EE	16mm	10	€2.59
T0502EE	20mm	10	€3.34
T0503EE	26mm	5	€5.15
T0504EE	32mm	2	€9.01



PFP REDUCING STRAIGHT			710
Code	Size	Bag Qty	Price
T0201SR	20mm x 16mm	10	€2.06
T0202SR	26mm x 16mm	5	€2.73
T0203SR	26mm x 20mm	5	€3.00
T0205SR	32mm x 20mm	2	€4.86
T0206SR	32mm x 26mm	2	€5.63



PFP STRAIGHT COUPLER FI x PIPE			712
Code	Size	Bag Qty	Price
T0401FS	½" FI x 16mm	10	€2.14
T0403FS	½" FI x 20mm	10	€2.41
T0402FS	¾" FI x 16mm	10	€2.76
T0404FS	¾" FI x 20mm	10	€3.04
T0406FS	¾" FI x 26mm	5	€4.20
T0410FS	1" FI x 20mm	5	€4.58
T0407FS	1" FI x 26mm	5	€5.44
T0409FS	1" FI x 32mm	2	€8.26



PFP ELBOW MI x PIPE			716
Code	Size	Bag Qty	Price
T0601ME	½" MI x 16mm	10	€2.34
T0603ME	½" MI x 20mm	10	€3.18
T0602ME	¾" MI x 16mm	10	€2.76
T0604ME	¾" MI x 20mm	10	€3.93
T0605ME	¾" MI x 26mm	5	€6.18
T0610ME	1" MI x 20mm	5	€4.97
T0607ME	1" MI x 26mm	5	€5.15
T0609ME	1" MI x 32mm	2	€7.62



PFP ELBOW FI x PIPE			717
Code	Size	Bag Qty	Price
T0701FE	½" FI x 16mm	10	€3.04
T0703FE	½" FI x 20mm	10	€3.68
T0702FE	¾" FI x 16mm	10	€3.99
T0704FE	¾" FI x 20mm	10	€3.91
T0706FE	¾" FI x 26mm	5	€5.43
T0710FE	1" FI x 20mm	5	€5.29
T0707FE	1" FI x 26mm	5	€6.20
T0709FE	1" FI x 32mm	2	€8.63



PFP FEMALE CENTRED TEE			730
Code	Size	Bag Qty	Price
T1101FCT	16mm x 16mm x ½" FI	10	€4.14
T1102FCT	20mm x 20mm x ½" FI	10	€4.96
T1103FCT	20mm x 20mm x ¾" FI	10	€6.74
T1105FCT	26mm x 26mm x ¾" FI	5	€9.55
T1109FCT	32mm x 32mm x 1" FI	2	€13.11



PFP STOP END			
Code	Size	Bag Qty	Price
T1201SE	16mm	10	€1.05
T1202SE	20mm	10	€1.44
T1203SE	26mm	5	€2.02
T1204SE	32mm	2	€5.62



PFP EQUAL TEE			718
Code	Size	Bag Qty	Price
T0801ET	16mm	10	€3.55
T0802ET	20mm	10	€4.66
T0803ET	26mm	5	€7.50
T0804ET	32mm	2	€11.03



PFP REDUCING TEE - LRC			718
Code	Size	Bag Qty	Price
T0901RT	16 x 16 x 20 c	10	€4.38
T0903RT	20 x 16 x 16 c	10	€4.05
T0904RT	20 x 16 x 20 c	10	€4.54
T0905RT	20 x 20 x 16 c	10	€4.35
T0906RT	20 x 20 x 26 c	5	€6.71
T0908RT	26 x 16 x 16 c	5	€6.71
T0914RT	26 x 16 x 20 c	5	€6.68
T0919RT	26 x 16 x 26 c	5	€6.02
T0916RT	26 x 20 x 16 c	5	€6.71
T0911RT	26 x 20 x 20 c	5	€5.67
T0912RT	26 x 20 x 26 c	5	€5.44
T0910RT	26 x 26 x 16 c	5	€5.67
T0913RT	26 x 26 x 20 c	5	€6.68
T0915RT	32 x 20 x 32 c	2	€11.15
T0917RT	32 x 26 x 26 c	2	€10.86
T0920RT	32 x 32 x 16 c	2	€10.45
T0921RT	32 x 32 x 20 c	2	€10.45
T0922RT	32 x 32 x 26 c	2	€13.04





C/W SWIVEL  
NUT

#### PFP ELBOW TAP CONNECTOR

Code	Size	Bag Qty	Price
T1501ETC	½" FI x 16mm	10	€2.84



#### PFP COMPRESSION COUPLER

Code	Size	Bag Qty	Price
T1701SJC	½" x 16mm	10	€2.67
T1703SJC	¾" x 20mm	10	€5.24
T1704SJC	¾" x 26mm	5	€5.24
T1705SJC	1" x 26mm	5	€6.37
T1706SJC	1" x 32mm	2	€7.11

T1801SJM	15mm x 16mm	10	€2.84
T1802SJM	22mm x 20mm	10	€4.73
T1803SJM	22mm x 26mm	5	€5.09



#### PFP STUB ADAPTOR

Code	Size	Bag Qty	Price
T1901SA	½" x 16mm	10	€3.28
T1902SA	½" x 20mm	10	€3.28
T1904SA	¾" x 20mm	10	€3.93
T1903SA	¾" x 26mm	5	€3.93
T1906SA	1" x 26mm	5	€5.05
T1905SA	1" x 32mm	2	€5.69

T2003SA	22mm x 20mm	5	€3.94
T2004SA	22mm x 26mm	5	€3.96



C/W SWIVEL  
NUT

#### PFP STRAIGHT TAP CONNECTOR

Code	Size	Bag Qty	Price
T1401STC	½" FI x 16mm	10	€2.21
T1403STC	¾" FI x 20mm	10	€3.01



#### NPFP PRESS LEVER VALVE

Code	Size	Bag Qty	Price
T2301LV	16mm Press Lever Valve	1	€4.98
T2302LV	20mm Press Lever Valve	1	€8.42
T2303LV	26mm Press Lever Valve	1	€13.20
T2304LV	32mm Press Lever Valve	1	€25.46



#### PFP SHOWER BRACKET

Code	Size	Bag Qty	Price
T2101SB	½" FI x 16mm	5	€10.62



#### PFP WALLPLATE ELBOW FI x PIPE

Code	Size	Bag Qty	Price
T1301FWP	½" FI x 16mm	10	€3.95
T1302FWP	½" FI x 20mm	10	€4.35



#### PFP RADIATOR ELBOW - C/W CHROME PIPE

Code	Size	Box Qty	Price
T1602RCE	16mm x 300mm	15	€9.94



UNIVERSAL, ½" & 15mm x 16mm

#### NICKEL PLATED MULTI-LAYER NUT & ADAPTOR TO COPPER COMPRESSION

Code	Size	Bag Qty	Price
NI30001	14.7mm/15mm x 16mm	10	€2.13



IMPERIAL

#### BRASS MULTI-LAYER NUT & ADAPTOR TO IMPERIAL COPPER COMPRESSION

Code	Size	Bag Qty	Price
NI40001	¾" x 20mm	5	€3.66
NI50001	1" x 26mm	5	€4.96



METRIC

NEW

#### BRASS MULTI-LAYER NUT & ADAPTOR TO METRIC COPPER COMPRESSION

Code	Size	Bag Qty	Price
NI40022	22mm x 20mm	5	€3.66
NI50028	28mm x 26mm	5	€4.96



EPH  
CONTROLS

#### MULTI-LAYER TRV

Code	Size	Box Qty	Price
EMTRVMLP	½" x 16mm	25	Page 18



#### PRESS MANIFOLD

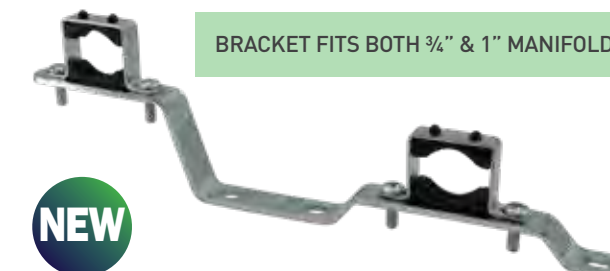
Code	Size	Bag Qty	Price
TEM322	¾" x 16mm x 2 port	1	€10.49
TEM323	¾" x 16mm x 3 port	1	€14.90
TEM324	¾" x 16mm x 4 port	1	€19.56
TEM325	¾" x 16mm x 5 port	1	€22.87
TEM422	1" x 16mm x 2 port	1	€11.92
TEM423	1" x 16mm x 3 port	1	€16.60
TEM424	1" x 16mm x 4 port	1	€20.96
TEM425	1" x 16mm x 5 port	1	€24.11

PM - Port Manifold



#### NICKEL PRESS MANIFOLD c/w VALVES

Code	Size	Bag Qty	Price
VTEM322	¾" x 16mm x 2 port	1	€19.47
VTEM323	¾" x 16mm x 3 port	1	€27.41
VTEM324	¾" x 16mm x 4 port	1	€36.03
VTEM432	1" x 20mm x 2 port	1	€27.95
VTEM433	1" x 20mm x 3 port	1	€40.55
VTEM434	1" x 20mm x 4 port	1	€54.76



BRACKET FITS BOTH ¾" & 1" MANIFOLD

NEW

#### MANIFOLD BRACKET (Pair)

Code	Size	Bag Qty	Price
MB341	¾" & 1"	1 Pair	Page 23





#### VALVED FAR MANIFOLD c/w VALVES

Code	Size	Bag Qty	Price
382534	2 Port 3/4"	1	€30.04
385034	3 Port 3/4"	1	€36.22
385634	4 Port 3/4"	1	€52.88
38251	2 Port 1"	1	€32.82
38501	3 Port 1"	1	€48.36
38561	4 Port 1"	1	€59.19



#### MULTILAYER ADAPTOR FOR FAR MANIFOLDS

Code	External Diameter	Bag Qty	Price
605558190	16mm x 2mm	50	€5.05
605580204	20mm x 2mm	50	€5.55



#### PFP REUSABLE STOP END

Code	Size	Bag Qty	Price
T1205RSE	16mm Stop End	1	€2.90
T1206RSE	20mm Stop End	1	€4.73



#### DISCONNECTING CLIP

Code	Size	Bag Qty	Price
T1216DC	16mm	1	€0.40
T1220DC	20mm	1	€0.45



#### MULTI FIT FITTING

Code	Description	Bag Qty	Price
T2202MF	Fitting for Multilayer Pipe 1/2" FI x 16mm	20	€2.34
T2203MF	Fitting for Multilayer Pipe 3/4" FI x 26mm	10	€3.74
T2204MF	Fitting for Multilayer Pipe 1" FI x 32mm	10	€6.49



#### FLAT CLIP

Code	Size	Box Qty.	Price
PCF1418	3/8" - D14 - 18mm	100	Page 208
PCF2024	1/2" - D20 - 24mm	100	Page 208
PCF2530	3/4" - D25 - 30mm	60	Page 208
PCF3236	1" - D32 - 36mm	60	Page 208
PCF3844	1 1/4" - D38 - 44mm	50	Page 208
PCF4450	1 1/2" - D44 - 50mm	50	Page 208
PCF5662	2" - D56 - 62mm	40	Page 208
PCF7480	2 1/2" - D74 - 80mm	30	Page 208
PCF8490	3" - D84 - 90mm	20	Page 208



#### PIPE CLIP TOOL

Code	Description	Box Qty.	Price
PCT00L	Hand Tool for Pipe Clip	15	Page 208



#### THREE PRONG REAMER

Code	Size	Price
RT1626	16 x 2.0/20 x 2.0/26 x 3.0	€67.28



#### RATCHET REAMING TOOL

Code	Description	Price
RT4063	40 - 63mm	€121.96



#### PIPE REAMERS (Suitable for Ratchet Tee or Electric Drill)

Code	Description	Price
RTTEE	Ratchet Tee Handle	€53.27
RT16RB	Reaming Bit 16mm x 2.0	€34.01
RT20RB	Reaming Bit 20mm x 2.0	€36.95
RT26RB	Reaming Bit 26mm x 3.0	€44.02
RT32RB	Reaming Bit 32mm x 3.0	€54.61



#### LARGE PIPE REAMERS (Suitable for Ratchet Tee or Electric Drill)

Product Code	Description	Price
RTTEE	Ratchet Tee Handle	€53.27
RT40RB	Reaming Bit 40mm x 3.5mm	€78.16
RT50RB	Reaming Bit 50mm x 4.0mm	€122.31
RT63RB	Reaming Bit 63mm x 4.5mm	€208.87



#### REAMING SET

Code	Description	Price
RTSET1	Full Kit includes:	€165.41
RT1626	Reamer 16 x 2.0/ 20mm x 2.0/ 26mm x 3.0	
RTTEE	Ratchet Tee Handle	
RT32RB	Reaming Bit 32mm x 3.0	



#### MULTI-LAYER PF PIPE REAMER

Code	Size	Price
PR162025	16mm, 20mm & 25mm	€12.39
PR202532	20mm, 25mm & 32mm	€14.86



#### PIPE CUTTER

Code	Size	Price
1767	Soft Pipe Cutter 37mm	€16.39
1768	Up to 36mm	€18.99
1769	Up to 42mm	€28.90



#### HEAVY DUTY PIPE CUTTER - V BLADE

Code	Size	Price
MTC0732	Up to 32mm	€30.97
MTC0764	Up to 64mm	€43.35





#### MULTI-LAYER SPRING (Internal)

Code	Size	Bag Qty	Price
MTS02	16mm	10	€1.56
MTS03	20mm	10	€2.11
MTS04	26mm	5	€2.70
MTS05	32mm	4	€3.99

#### MULTI-LAYER SPRING (External)

Code	Size	Price
MTS06	16mm	€3.02
MTS07	20mm	€3.89
MTS08	26mm	€5.30
MTS09	32mm	€8.22



#### MULTI-LAYER PIPE STRAIGHTENER

Code	Size	Price
MTR03	16mm - 32mm	€365.40



#### MULTI-LAYER PIPE BENDER

Code	Size	Price
MST01	16mm - 32mm	€278.70



#### PF INSULATED COIL - 16mm

Code	Size	Insulation	Coil Price
PRT16100IW	16mm x 100m White	6mm	€171.70
PRT16100IR	16mm x 100m Red	6mm	€180.43
PRT16100IB	16mm x 100m Blue	6mm	€180.43
PRT16100IW10	16mm x 100m White	10mm	€280.34
PRT16100IR10	16mm x 100m Red	10mm	€280.34
PRT16100IB10	16mm x 100m Blue	10mm	€280.34

#### PF INSULATED COIL - 20mm

Code	Size	Insulation	Coil Price
PRT2050IW	20mm x 50m White	6mm	€136.78
PRT2050IR	20mm x 50m Red	6mm	€145.51
PRT2050IB	20mm x 50m Blue	6mm	€145.51
PRT2050IW10	20mm x 50mm White	10mm	€192.23
PRT2050IR10	20mm x 50mm Red	10mm	€192.23
PRT2050IB10	20mm x 50mm Blue	10mm	€192.23



#### PF STRAIGHT LENGTH\*

Code	Size	Pack Qty.	Price per Lgth.
PRT164L	16mm x 4m	25	€160.06
PRT204L	20mm x 4m	16	€142.02
PRT264L	26mm x 4m	9	€145.36
PRT324L	32mm x 4m	7	€157.88

\*Pipe sold as packs only

#### PF INSULATED COIL - 26mm

Code	Size	Insulation	Coil Price
PRT2625IW	26mm x 25m White	10mm	€139.69
PRT2625IR	26mm x 25m Red	10mm	€148.42
PRT2625IB	26mm x 25m Blue	10mm	€148.42
PRT2650IW	26mm x 50m White	10mm	€279.38
PRT2650IR	26mm x 50m Red	10mm	€296.84
PRT2650IB	26mm x 50m Blue	10mm	€296.84

#### PF INSULATED COIL - 32mm

Code	Size	Insulation	Coil Price
PRT3225IW	32mm x 25m White	10mm	174.61
PRT3225IR	32mm x 25m Red	10mm	183.34
PRT3225IB	32mm x 25m Blue	10mm	183.34



#### PF PLAIN COIL

Code	Size	Coil Price
PRT16100	16mm x 100m	€133.87
PRT16500	16mm x 500m	€712.99
PRT20100	20mm x 100m	€180.43
PRT2650	26mm x 50m	€197.89
PRT3225	32mm x 25m	€130.96

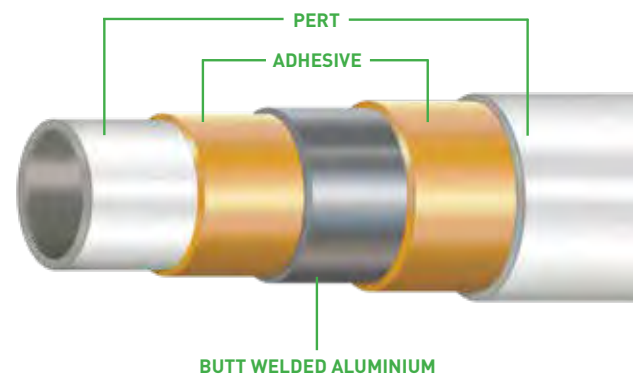


## PERT - AL - PERT MULTILAYER PIPE

PF Press multilayer composite pipe is made up of 5 layers that comprise of an inner and outer PERT layer, a central aluminium layer, bonded together by two adhesive layers. The aluminium layer is butt welded to give a complete oxygen barrier seal.

### WHY MULTILAYER?

- Lightweight and easy to handle
- Ease of bending and flexibility means less fittings required
- Dimensions from 16mm to 32mm
- Easy bending with no loss of rigidity
- No welding/gluing
- Can be used with all water types
- No scale build up
- Corrosion resistant
- Minimal length expansion
- Pressure and temperature resistant



### TECHNICAL PROPERTIES OF MULTILAYER PIPE

DIAMETER OF THE PIPE		16x2,0	20x2,0	26x3,0	32x3,0
External diameter	mm	16	20	26	32
Internal diameter	mm	12	16	20	26
Thickness	mm	2	2	3	3
Rod length	m	4	4	4	4
Max service temperature (Tmax)	°C	80	80	80	80
Max high temperature	°C	95	95	95	95
Thermal Stability *	°C	110	110	110	110
O2 permeability (OTR)	cm3/cm2.day	< 0	< 0	< 0	< 0
Linear expansion coefficient	20-100°C mm/mK	0.026	0.026	0.026	0.026
Thermal conductivity at 20°C	W/mK	0.43	0.43	0.43	0.43
Adhesion strength	Mpa	> 21	> 21	> 21	> 21
Elongation at break	%	500	500	500	500
Roughness	mm	0.007	0.007	0.007	0.007
Burst pressure	bar	80	80	80	80
Oxidation Induction Time (OIT)	min	> 20	> 20	> 20	> 20
Density	Kg/m3	> 941	> 941	> 941	> 941
Heat Stability (110°C-8760h)	bar	Without Rupture	Without Rupture	Without Rupture	Without Rupture
Insulation Thickness	mm	6/10mm	6/10mm	10mm	10mm
Insulation Density	Kg/m3	25			
Insulation: Coefficient of Thermal Conductivity at 40°C	W/mK	0.04			
Fire Classification		EN13501			

\*Thermal stability by hydrostatic pressure testing 8760h, hoop stress 2.3 Mpa

## INSTALLATION INSTRUCTIONS

- 01 CUT**/Use the correct cutting tool to cut the pipe to required length. Do not use a hacksaw or blade to cut the pipe.
- 02 CALIBRATE**/Use the correct sized reamer to remove all burrs and uneven edges from the pipe. If the pipe is not reamed correctly it may result in damage to the O-ring upon insertion of the pipe.
- 03 CONNECT**/Insert the calibrated pipe into the fitting. Use the viewing holes in the fitting to ensure the pipe is fully inserted.
- 04 PRESS**/Ensure the correct profile jaws are used to press this fitting. Place the fitting into the jaws making sure it is seated correctly. Once the press tool has completed the pressing of the joint remove and inspect the joint to ensure complete press.



## NOTE

**\*DO NOT USE SEALING AGENTS SUCH AS PTFE TAPE OR JOINTING COMPOUND**  
Use TH Profile Jaws To Press

Max Operating Pressure;  
**10 bar**

Max Operating Temperature;  
**95°C**

Max Peak Temperature\*;  
**110°C**

The above specs relate to PF Press Systems combined with PF Press Pert-al-Pert multilayer pipe.

\*Thermal stability by hydrostatic pressure testing 8760h, hoop stress 2.3 Mpa



## TECHNICAL DATA OF MULTI-LAYER PIPING

### THERMAL CHARACTERISTICS

Characteristic	Value	Unit
Maximum high temperature	95	°C
Maximum peak temperature	110	°C
Lineal expansion coefficient	0,026	mm/mK
Thermal conductivity	0,43	W/mK

### PHYSICAL CHARACTERISTICS

Characteristic	Value	Unit
Burst pressure	80	Bar
Oxygen permeability	<0,10	cm³/cm²/day
Internal roughness	0,007	mm
Adhesion strength between interior PERT and aluminum	>25	MPA

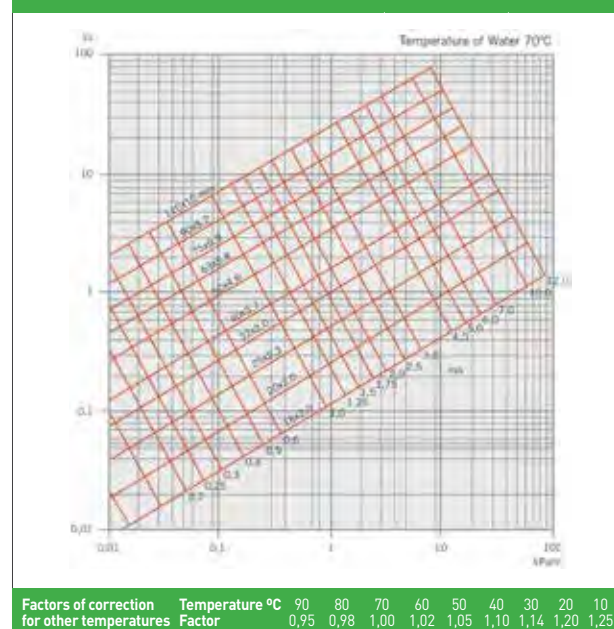
### DESIGN PRESSURES ACCORDING TO UNE 53960EX

Characteristic	Value	Unit
Cold water (20°C)	10	Bar
Class 1. Hot water supply at 60°C	6	Bar
Class 2. Hot water supply at 70 °C	6	Bar
Class 4. Underfloor heating	6	Bar
Class 5. High-temperature radiators	6	Bar

### PRESSURE RESISTANCE

Characteristic	Value	Unit
Resistance to internal pressure 20°C 1 hour	>40	Bar
Resistance to internal pressure 95°C 1 hour	>30	Bar
Resistance to internal pressure 95°C 165 hrs	>23	Bar
Resistance to internal pressure 95°C, 1000 hrs	>20	Bar

### HEAD LOSS





# MULTI-LAYER FITTINGS & PIPE

40mm, 50mm & 63mm



## STRAIGHT COUPLER

Code	Size	Box Qty	Price
T0105SC	40mm	14	€16.90
T0106SC	50mm	15	€29.51
T0107SC	63mm	4	€48.42



## REDUCING JOINER

Code	Size	Box Qty	Price
T0207SR	40mm x 26mm	20	€14.62
T0208SR	40mm x 32mm	20	€15.45
T0209SR	50mm x 32mm	14	€24.39
T0210SR	50mm x 40mm	10	€26.04
T0211SR	63mm x 40mm	7	€45.75
T0212SR	63mm x 50mm	6	€45.75



## STRAIGHT COUPLER MI x PIPE

Code	Size	Box Qty	Price
T0311MS	1½" MI x 40mm	20	€15.33
T0312MS	1½" MI x 50mm	20	€26.69
T0313MS	2" MI x 63mm	8	€36.83



## STRAIGHT COUPLER FI x PIPE

Code	Size	Box Qty	Price
T0411FS	1½" FI x 40mm	14	€17.83
T0412FS	1½" FI x 50mm	10	€27.97



## ELBOW PIPE x PIPE

Code	Size	Box Qty	Price
T0505EE	40mm	10	€21.52
T0506EE	50mm	6	€37.85
T0507EE	63mm	3	€66.34



## ELBOW MI x PIPE

Code	Size	Box Qty	Price
T0611ME	1½" x 40mm	12	€22.46
T0612ME	1½" x 50mm	8	€39.56
T0613ME	2" x 63mm	4	€56.46



## ELBOW FI x PIPE

Code	Size	Box Qty	Price
T0711FE	1½" x 40mm	12	€24.25
T0712FE	1½" x 50mm	8	€42.77
T0713FE	2" x 63mm	8	€71.32



## EQUAL TEE P x P x P

Code	Size	Box Qty	Price
T0805ET	40mm	6	€31.58
T0806ET	50mm	4	€55.92
T0807ET	63mm	1	€94.55





#### TEE P x P x FI

Code	Size (L,R,C)	Box Qty	Price
T1110FCT	40mm x 40mm x 1½" FI	8	€33.62
T1111FCT	50mm x 50mm x 1½" FI	4	€59.69
T1112FCT	63mm x 63mm x 1" FI	3	€89.11
T1113FCT	63mm x 63mm x 2" FI	1	€108.42



#### REDUCING TEE

Code	Size (L,R,C)	Box Qty	Price
T0923RT	40mm x 32mm x 26mm C	8	€32.35
T0924RT	40mm x 40mm x 26mm C	6	€34.48
T0925RT	40mm x 32mm x 32mm C	8	€32.60
T0926RT	40mm x 40mm x 32mm C	6	€34.53
T0927RT	50mm x 50mm x 26mm C	4	€65.99
T0928RT	50mm x 50mm x 32mm C	4	€65.82
T0929RT	50mm x 50mm x 40mm C	4	€65.18
T0930RT	63mm x 63mm x 40mm C	2	€97.27
T0931RT	63mm x 63mm x 50mm C	2	€97.27



\*PLEASE NOTE: Warranty is only valid if both these pipes AND fittings are used together.



NEW

#### PIPE REAMERS

[Suitable for Ratchet Tee or Electric Drill]

Code	Description	Price
RTTEE	Reamer handle 40mm, 50mm & 63mm	Page 44
RT40RB	Reaming Bit 40mm x 3.5mm	Page 44
RT50RB	Reaming Bit 50mm x 4.0mm	Page 44
RT63RB	Reaming Bit 63mm x 4.5mm	Page 44



NEW

#### RATCHET REAMING TOOL

Code	Description	Price
RT4063	40 - 63mm	Page 44



#### STRAIGHT LENGTH PEX - AL-PEX\*

Code	Size	Pack Qty	Price per Lgth
PRT404L	40mm x 4m	9	€673.60
PRT504L	50mm x 4m	7	€698.54
PRT634L	63mm x 4m	4	€771.12

\*Pipe sold as packs only

DIAMETER (mm)	PROFILES		
	U	TH	H
40, 50, 63	✓	✓	✓



## TECHNICAL PROPERTIES OF MULTILAYER PIPE

### DIAMETER OF THE PIPE

		40mm	50mm	63mm
External diameter	mm	40.0	50.0	63.0
Internal diameter	mm	33	42	54
Wall thickness	mm	3.5	4	4.5
Max. Working temperature**	°C	95	95	95
Max. Working pressure	bar	10	10	10
Application class (EN ISO 21003-1)		2-4-5	2-4-5	2-4-5
Coefficient of thermal conductivity	W/mK	0.43	0.43	0.43
Coefficient of linear expansion	mm/mK	0.025	0.025	0.025
Minimum tensile strength of adhesive layer	N/10mm	30	30	30
Surface roughness of inner pipe	μ	7	7	7
Oxygen diffusion	mg/l	0	0	0
Min. Bending radius, manual/external spiral spring	mm	Elbow fittings should be used here		
Min. Bending radius, manual/internal spiral spring	mm	Elbow fittings should be used here		
Degree of cross-linking	%	60	60	60
Weight	kg/m	0,528	0,766	1,155
Flow	l/h	0.855	1.385	2.29

\*\*Application class table (EN ISO 21003-1)

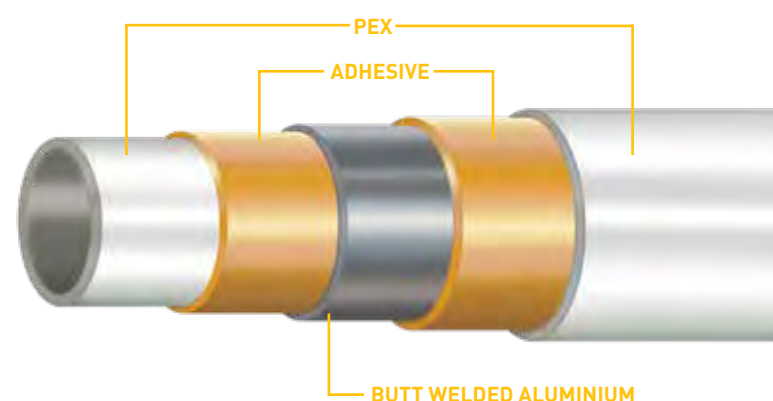


## PEX - AL - PEX MULTILAYER PIPE

General Fittings multilayer composite pipe is made up of 5 layers that comprise of an inner and outer PEX layer, a central aluminium layer, bonded together by two adhesive layers. The aluminium layer is butt welded to give a complete oxygen barrier seal.

### WHY MULTILAYER?

- Lightweight and easy to handle
- Dimensions 40mm, 50mm, 63mm
- No welding/gluing
- Can be used with all water types
- No scale build up
- Corrosion resistant
- Minimal length expansion
- Pressure and temperature resistant
- Excellent sound insulation
- Non-toxic materials which are certified for the transport of water
- Chemical and electrochemical resistance
- Reduced pressure drops



### OPERATING CONDITIONS

Characteristic	Value	Unit
Maximum operating temperature	95	°C
Maximum operating pressure	10	Bar
Thermal expansion coefficient	0,43	W/mK





# IDEAL ELEMENTS



**3KW Incoloy Dual  
Immersion 27"**  
SS27INCOLOY.2

## BSP MEASUREMENT CHART

BSP	Outside Thread Diameter
1¼"	41.91mm
1½"	47.80mm
1¾"	53.75mm
2"	59.61mm
2¼"	65.71mm

The image to the right shows the 'Outside Thread Diameter' of 1½" BSP Thread (47.80mm).



**For our FAULT FINDER GUIDE please see page 90**



**IDEAL**  
Catering

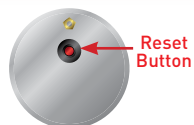


**IDEAL**  
Elements





BEAB Certified to Standard EN60 335-1-2002

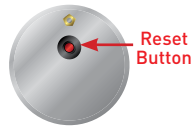


**COPPER DUAL IMMERSION - 220V / 230V**  
With Safety Stat, External Reset Button & 1.5m Cable

Code	Description	KW	BSP	Fitted Stat	cotherm alternative	Box Qty	Price
SS18.2SB	18" Copper	3KW	2 1/4"	SS11	TSDR1104	N/A	€43.52
SS24.2SB	24" Copper	3KW	2 1/4"	SS11	TSDR1104	10	€41.99
SS27.2SB	27" Copper	3KW	2 1/4"	SS11	TSDR1104	10	€43.90
SS36.2SB	36" Copper	3KW	2 1/4"	SS18	TSDR18	6	€49.74



BEAB Certified to Standard EN60 335-1-2002



**INCOLOY DUAL IMMERSION - 220V / 230V (Recommended for Hard Water Areas)**  
With Safety Stat, External Reset Button & 1.5m Cable

Code	Description	KW	BSP	Fitted Stat	cotherm alternative	Box Qty	Price
SS24INCOLOY.2	24" Incoloy	3KW	2 1/4"	SS11	TSDR1104	10	€95.91
SS27INCOLOY.2	27" Incoloy	3KW	2 1/4"	SS11	TSDR1104	10	€98.43
SS36INCOLOY.2	36" Incoloy	3KW	2 1/4"	SS18	TSDR18	6	€100.95



**SINGLE ELEMENTS - COPPER, INCOLOY & TITANIUM 220V / 230V SIDE ENTRY With Stat**

Code	Description	KW	BSP	Fitted Stat	cotherm alternative	Box Qty	Price
SEBACK	11" Copper	3KW	2 1/4"	SS7	TSDR7	12	€35.21
SEINC11	11" Incoloy	3KW	2 1/4"	SS7	TSDR7	-	€47.01
TEBACK	11" Titanium	3KW	2 1/4"	SS7	TSDR7	-	€59.12
09042C	11" Incoloy	3KW	1 3/4"	SS7	TSDR7	-	€122.27
09060B	11" Incoloy	3KW	1 1/2"	SS7	TSDR7	-	€122.27
EESTB227	11" Incoloy	2KW	1 1/4"	TSE00187	TSE00187	-	€96.75
EESTB327	11" Incoloy	3KW	1 1/4"	TSE00187	TSE00187	-	€103.36
80014ATSTAD	14" Incoloy	3KW	1 3/4"	SS11	TSDR1103	-	€49.97
80014BTS/1.5	14" Incoloy	3KW	1 1/2"	SS11	TSDR1103	-	€49.97
091013SC	14" Titanium	3KW	1 1/2"	SS7	TSDR7	-	€184.53
091009SC	14" Titanium	4KW	1 3/4"	SS7	TSDR7	-	€230.01
091008SC	14" Titanium	4KW	1 1/2"	SS7	TSDR7	-	€236.75
091007SC	16" Incoloy	3KW	1 3/4"	SS7	TSDR7	-	€137.49
091006SC	16" Incoloy	3KW	1 1/2"	SS7	TSDR7	-	€144.22
091011SC	16" Titanium	4KW	1 3/4"	SS7	TSDR7	-	€242.00
091010SC	16" Titanium	4KW	1 1/2"	SS7	TSDR7	-	€248.73

PLEASE NOTE: All elements come with a standard fitted stat. Alternative upgrade cotherm stats are also available - please see page 79 for our full range.



**NOTE: Copper Immersions are ONLY suitable for use in Copper tanks and MUST NOT be fitted to Stainless Steel Tanks**



## SMART IMMERSION CONTROLLER



### SIMPLE FIT AND NO INCONVENIENCE

Cotherm P.I.L.™ is extremely quick and easy to retro-fit onto your existing electrical water heating cylinder and is also compatible with most immersions. It works with all utility applications including standard rate and night rate electricity.



**EASY INSTALLATION**



**ANTI-LEGIONELLA**



**ACTIVE LEARNING -  
SAVING TIME & MONEY**



**ENVIRONMENTALLY  
FRIENDLY**



**Our intelligent learning hot water control just made saving energy automatic!**



**NEW**

### COTHERM P.I.L. IMMERSION CONTROLLER

Code	Description	Box Qty	Price
COPIL	Smart Immersion Controller	1	€239.80





**cotherm**  
DEGREES OF EXCELLENCE

**COTHERM ROD STAT**

Code	Length	Amps	Temp Range	Safety Reset	Price
TSDR7	7"	16	0°C - 60°C	80°C	€21.65
TSDH0701	7" High Temp*	20	40°C - 120°C	80°C	€33.95
TSDR1103	11" Horizontal	16	0°C - 60°C	80°C	€22.29
TSDR1104	11" Vertical	16	0°C - 65°C	87°C	€22.29
TSD01102	11"	20	5°C - 80°C	N/A	€33.95
TSDH1107	11" High Temp*	20	45°C - 120°C	N/A	€41.64
TSD01107	11" High Temp*	20	37°C - 90°C	N/A	€39.19
TSDR18	18"	16	0°C - 65°C	87°C	€24.20

\*Industrial elements only



**cotherm**  
DEGREES OF EXCELLENCE

**COTHERM PLUG IN STAT**

Code	Length	Amps	Temp Range	Safety Reset	Price
TSR0009	11"	16	16°C - 68°C	83°C	€43.05
TSR0014	11"	16	16°C - 68°C	83°C	€47.12
TSE00187	11"	16	10°C - 70°C	80°C	€34.39

**cotherm - A DEGREE OF EXCELLENCE**

Since 1948, Cotherm has been a recognized global leader in the development and manufacture of solutions which manage energy, regulate temperature and guarantee safety.

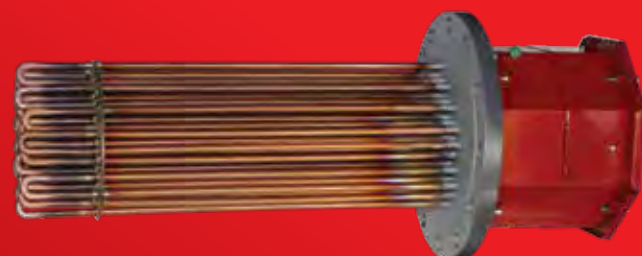
Cotherm products utilise the latest technologies and are manufactured to the very highest standards.

- Made to Highest Specification
- Superior Temperature Differential of 2%
- 16 Amp
- Manufactured in France

TESTED TO 100,000 CYCLES

**Elements Custom-Made to Your Specification**

Call **021 434 6143** to order



**ROD STAT (Standard Dual Immersion Stat)**

Code	Length	Amps	Temp Range	Price
SS7	7"	15	10°C - 60°C	€14.49
SS11	11"	15	40°C - 60°C	€14.49
SS18	18"	15	40°C - 60°C	€20.06



**PLUG IN STAT**

Code	Length	Amps	Temp Range	Safety Reset	Price
TESRED	11"	16	0°C - 70°C	90°C	€18.40
RTS-3	11"	16	0°C - 65°C	75°C	€24.54



**CAPILLARY STAT**

Code	Amps	Temp Range	Price
CSC0	16	0°C - 125°C	€34.92
CAET1	16	0°C - 90°C	€26.99
CAET2	16	0°C - 120°C	€26.99
CAET3	16	0°C - 200°C	€62.41
CAET4	16	0°C - 320°C	€62.41



**HIGH TEMPERATURE SAFETY CUT OUT STAT**

Code	Description	Price
SAFETY STAT	High Temperature Safety Cut Out Stat 90°C + 5°C - Ideal Dual Immersions	€6.31
13115	High Temperature Safety Cut Out Stat 85°C - Seback & Seinc11 single Immersions	€15.64

**For FAULT FINDER GUIDE please see page 90**





(Please see page 45 for illustration and further details).

**EMERALD GEYSER 220V / 230V (WILLIS WATER HEATER)**  
With stat, insulated and 1m cable

Code	Description	KW	Fitted Stat	cotherm alternative	Price
C11ATSEG	11" Cylinder	3KW	ST7	TSDR7	€66.88



**IMMERSION SPANNER**

Code	Description	Price
SPANCR	Cranked Immersion Spanner	€9.32
SPANFL	Flat Immersion Spanner	€9.32



**BOOST for 15, 30mins, 1hr, 2hr & 3hr**

**BOOST TIMER PRO**

Code	Description	Price
BST3	230Vac 50 Hz Booster	Page 131



**IMMERSION CONTROLLER WITH BOOSTER**

Code	Description	Price
IMC	230V 50 Hz Immersion Controller	POA



**INDUSTRIAL INCOLOY/ STAINLESS STEEL IMMERSION**  
380/400v - 3 Phase, With Stat



Code	Description	KW	BSP	Cootherm Stat	Price
IGHT2616	15" Incoloy	6KW	2"	TSD01102	€705.45
IGHT2916	15" Incoloy	9KW	2"	TSD01102	€748.81
IGHT21223	23" Incoloy	12KW	2"	TSD01102	€847.79
IGH616	15" Incoloy	6KW	2 1/4"	TSD01102	€543.09
IGH916	15" Incoloy	9KW	2 1/4"	TSD01102	€546.83
IGH1223	23" Incoloy	12KW	2 1/4"	TSD01102	€507.92
IGH1523	23" Incoloy	15KW	2 1/4"	TSD01102	€678.91
IGH1818	18" Incoloy	18KW	2 1/4"	TSD01102	€908.58
IGH1823	23" Incoloy	18KW	2 1/4"	TSD01102	€699.10
CR112C10050	23" Stainless	5KW	1 1/2"	TSD01103	€485.84
CR112CN0060	20" Stainless	6KW	1 1/2"	TSD01103	€483.38
CR112C10065	30" Stainless	6.5KW	1 1/2"	TSD01103	€539.82
107120	23" Stainless	9KW	1 1/2"	TSD01103	€507.92



**INDUSTRIAL STAINLESS STEEL IMMERSION**  
NO STAT POCKET, 380/400v - 3 Phase

Code	Description	KW	BSP	Price
DP031	11" Stainless Steel	3KW	1 1/2"	€198.47
DP032	12" Stainless Steel	6KW	1 1/2"	€213.47



**INDUSTRIAL INCOLOY IMMERSION**  
220V/230V Single Phase or 380V/400V 3 Phase, With Stat

Code	Description	KW	BSP	Price
CK2T-S3035D	16" Incoloy	6KW	1 3/4"	€362.10



**Gaskets of other sizes available on request**

**IMMERSION GASKET**

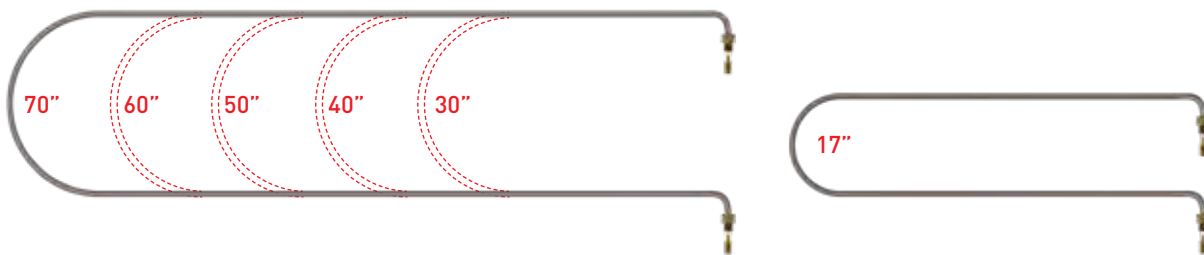
Code	Size	Price
GASK2.25	2 1/4" Immersion Gasket	€2.04
GASK1.5	1 1/2" Immersion Gasket	€3.79





**BAIN MARIE CATERING ELEMENT U SHAPED (STRAIGHT ENDS) - 220V / 230V**

Code	Description	KW	Price
17.9SE	17" x 9"	0.7KW	€71.51
30.18SE	30" x 18"	2KW	€82.73
40.18SE	40" x 18"	2KW	€92.54
50.18SE	50" x 18"	2.5KW	€106.88
60.18SE	60" x 18"	3KW	€118.58
70.18SE	70" x 18"	3KW	€205.78



**BAIN MARIE CATERING ELEMENT U SHAPED (BENT ENDS) - 220V / 230V**

Code	Description	KW	Price
17.9BE	17" x 9"	0.7KW	€71.51
30.18BE	30" x 18"	2KW	€82.73
40.18BE	40" x 18"	2KW	€93.38
50.18BE	50" x 18"	2.5KW	€106.88
60.18BE	60" x 18"	3KW	€118.58
70.18BE	70" x 18"	3KW	€205.78



**BAIN MARIE CATERING ELEMENT M SHAPED (STRAIGHT ENDS) - 220V / 230V**

Code	Description	KW	Price
9.5.4.5SE	9.5" x 4.5"	0.7KW	€78.32
18.18SE	18" x 18"	2KW	€82.73



**BAIN MARIE CATERING ELEMENT M SHAPED (BENT ENDS) - 220V / 230V**

Code	Description	KW	Price
9.5.4.5BE	9.5" x 4.5"	0.7KW	€78.32
18.18BE	18" x 18"	2KW	€82.73



**HEAT PAD WITH ADHESIVE BACKING**

Code	Description	Wattage	Price
ADH450	450mm x 290mm	300W	€133.83



**KNIFE STERILISER - 230V**

Code	Description	KW	BSP	Price
77197	7" Incoloy	1.2KW	1½"	€223.40



**TUBE TYPE TOASTER ELEMENT**

Code	Description	Price
LINC	Lincat Silica - 18"	€19.39
COUN	County Silica - 19"	€19.39
PARR	Parry Silica - 20"	€19.39



**TOASTER ELEMENT**

Code	Description	Wattage	Voltage	Price
ROWC	Rowlett Toaster Centre Element	500W	240V	€19.21
ROWE	Rowlett Toaster End Elements	400W	220V	€19.21
DUAC	Dualit Centre Element	500W	240V	€19.21
DUAE	Dualit End Element	370W	220V	€18.68





**BURCO BOILER ELEMENT - 220V / 230V**

Code	Description	BSP	Price
BURC	3KW Stainless Steel	1 1/4"	€79.09



**FAN OVEN ELEMENT**

Code	Description	KW	Voltage	Price
FANEL	Circular Fan Oven Element	1.8KW	230V	€53.21



**FAN OVEN MOTOR**

Code	Description	Price
FANMOT	Fan Oven Motor 240V/50Hz 23.3W	€67.19



**INDICATOR LIGHT - 230V**

Code	Description	Price
L.008100	Green Neon C/W Threaded Lock Nut	€9.40
C.006700	Red Neon Push-In	€3.76



**ROCKER SWITCHES 16AMP**

Code	Description	Voltage	Price
C.1553RED	Red Neon	250V	€7.77
C.1553AL	Green Neon	250V	€7.77
C.1553COV	Splashproof Cover		€5.46



**CAPILLARY STAT**

Code	Amps	Temp Range	Voltage	Price
CSC0	16	0°C - 125°C	220/250V	€34.92
CAET1	16	0°C - 90°C	220/250V	€26.99
CAET2	16	0°C - 120°C	220/250V	€26.99
CAET3	16	0°C - 200°C	220/250V	€62.41
CAET4	16	0°C - 320°C	220/250V	€62.41



**SIMMERSTAT - SINGLE POLE WITH PILOT LIGHT**

Code	Description	Amps	Voltage	Price
SISM	Single Circuit	13	220/250V	€33.59
SIKN	Simmerstat Knob			€6.23



**EGO SIMMERSTAT - DOUBLE POLE WITH PILOT LIGHT**

Code	Description	Amps	Voltage	Price
EGOSIM	EGO Simmerstat	13	220/240V	€29.02
EGOKNOB	EGO Simmerstat Knob			€6.85



**VARIABLE REGULATOR (for Resistance Heaters or Quartz Lamps) (Dimmer Switch)**

Code	Amps	Min Temp	Max Temp	Voltage	Price
A13202E	15	0°C	65°C	110/230V	€84.46




**DIGITAL CAPILLARY STAT**

Code	Description	Amps	Temp Range	Voltage	Price
TECHS	Technological DC & Silicon PTC Lead	16	-50°C - 150°C	110/230V	€167.83
SENLEADS	Silicon Sensor Lead	NA	NA	NA	€43.91


**HALOGEN BULB & ACCESSORIES**

Code	Description	Wattage	Voltage	Price
HALOGEN3	Halogen Bulb	230W	240V	€4.98
HALOGENS	Safety Halogen Bulb	300W	240V	€20.18
IRL300SUR	Halogen Reflector	-	-	€7.52
IRL309	Halogen Bulb Holder	-	250V	€5.37


**TOGGLE SWITCH**

Code	Description	Amps	Voltage	Price
C3950BB	Double Pole	16	250V	€17.20
C3900BA	Single Pole	16	250V	€14.65


**CERAMIC CONNECTOR**

Code	Description	Voltage	Price
CHTB4/2N	2Hole 32Amp	450V	€2.31
CHTB6/2N	2Hole 41Amp	450V	€2.96
CHTB10/2N	2Hole 57Amp	450V	€4.84
CHTB16/2N	2Hole 76Amp	450V	€5.37
CHTB6/3N	3Hole 41Amp	450V	€3.36
CHTB10/3N	3Hole 57Amp	450V	€5.00
CHTB16/3N	3Hole 76Amp	450V	€8.06


**TORPEDO SILICONE ELEMENT**

Code	Description	Wattage	Voltage	Price
RBS1	1 Metre	15W	220/230V	€19.43
RBS2	2 Metre	30W	220/230V	€26.13
RBS3	3 Metre	45W	220/230V	€33.17
RBS4	4 Metre	60W	220/230V	€40.09
RBS5	5 Metre	75W	220/230V	€48.31
RBS6	6 Metre	90W	220/230V	€55.57
RBS7	7 Metre	105W	220/230V	€62.69
RBS8	8 Metre	120W	220/230V	€69.81


**DEFROST ELEMENT - STRAIGHT LENGTHS**

Code	Description	Wattage	Voltage	Price
RRF11	1 Metre	350W	220/230V	€58.45
RRF11.25	1.25 Metre	450W	220/230V	€59.77
RRF11.5	1.5 Metre	525W	220/230V	€61.10
RRF11.75	1.75 Metre	625W	220/230V	€64.36


**DEFROST ELEMENT - SUPPLIED COILED**

Code	Description	KW	Voltage	Price
RRF12	2 Metre	0.7KW	220/230V	€65.02
RRF12.25	2.25 Metre	0.8KW	220/230V	€70.96
RRF12.5	2.5 Metre	0.875KW	220/230V	€74.84
RRF12.75	2.75 Metre	0.95KW	220/230V	€78.40
RRF13	3 Metre	1.0KW	220/230V	€81.95
RRF13.25	3.25 Metre	1.125KW	220/230V	€92.75
RRF13.5	3.5 Metre	1.25KW	220/230V	€100.60
RRF14	4 Metre	1.4KW	220/230V	€138.88
RRF14.5	4.5 Metre	1.6KW	220/230V	€144.77
RRF15	5 Metre	1.75KW	220/230V	€161.95
RRF15.5	5.5 Metre	1.9KW	220/230V	€161.95
RRF16	6 Metre	2.1KW	220/230V	€166.85




**M SHAPED FINNED HEATING ELEMENT FOR AIR - 220V / 230V**

Code	Description	KW	Voltage	Price
AHM4000	445mm x 70mm	4KW	220/230V	€89.46


**U SHAPED FINNED ELEMENT - 220V / 230V**

Code	Description	KW	Voltage	Price
AHU1000	230mm x 70mm	1KW	220/230V	€60.12
AHU2000	445mm x 70mm	2KW	220/230V	€69.66
AHU3000	655mm x 70mm	3KW	220/230V	€75.21
AHU4000	870mm x 70mm	4KW	220/230V	€87.83
AHU5000	1085mm x 70mm	5KW	220/230V	€90.35
AHU6000	1295 mm x 70mm	6KW	220/230V	€98.37


**FINNED HEATING ELEMENT "ECONOMY RANGE" - 220V / 230V**

Code	Description	KW	Voltage	Price
ALEC1.5	500mm x 25mm	1.5KW	220/230V	€46.62
ALEC2	640mm x 25mm	2KW	220/230V	€53.00



**Elements Custom-Made  
to Your Specification**

## IDENTIFYING A FAULT

### LIMESCALE

We recommend you fit an incoloy element in areas of moderate to hard water and a titanium element in areas of hard to very hard water.



### COPPER IMMERSION MUST NOT BE USED IN STAINLESS STEEL CYLINDERS

If any copper parts are fitted inside a stainless steel cylinder, there will be an electrolytic reaction causing the copper parts to corrode. Stainless steel cylinder manufacturers recommend use of an incoloy or Titanium element but with an incoloy or stainless steel thermostat pocket.



### INSUFFICIENT WATER COVERAGE

If an element is run without sufficient water coverage, it will fail almost immediately due to overheating.

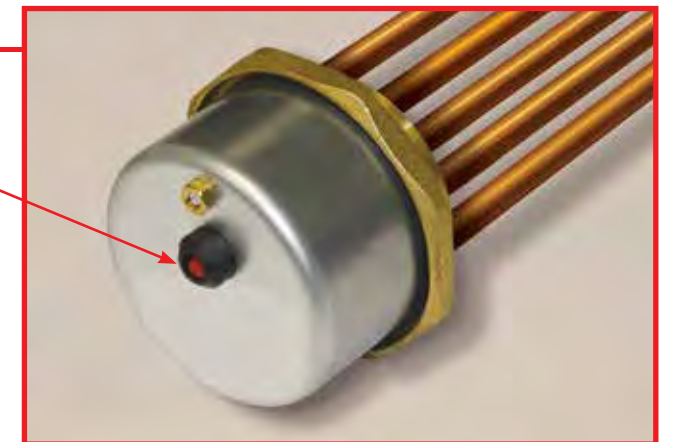


### THERMOSTAT TRIPPING OUT

The most common reason for the high limit stat tripping out is that the pencil stat has failed to cut out. The high limit stat will then cut itself out, which should then be reset by pressing the red reset button as shown in the image. If this issue persists, we recommend replacing the pencil stat.

In some instances, the use of a solid fuel stove may occasionally cause the high limit stat to trip as a result of very high water temperature. In this case, allow time for water to cool naturally before resetting.

**Tripping can still occur even if the immersion is switched off.**



**Note: The examples shown are not genuine product faults and are therefore NOT covered by the product guarantee**

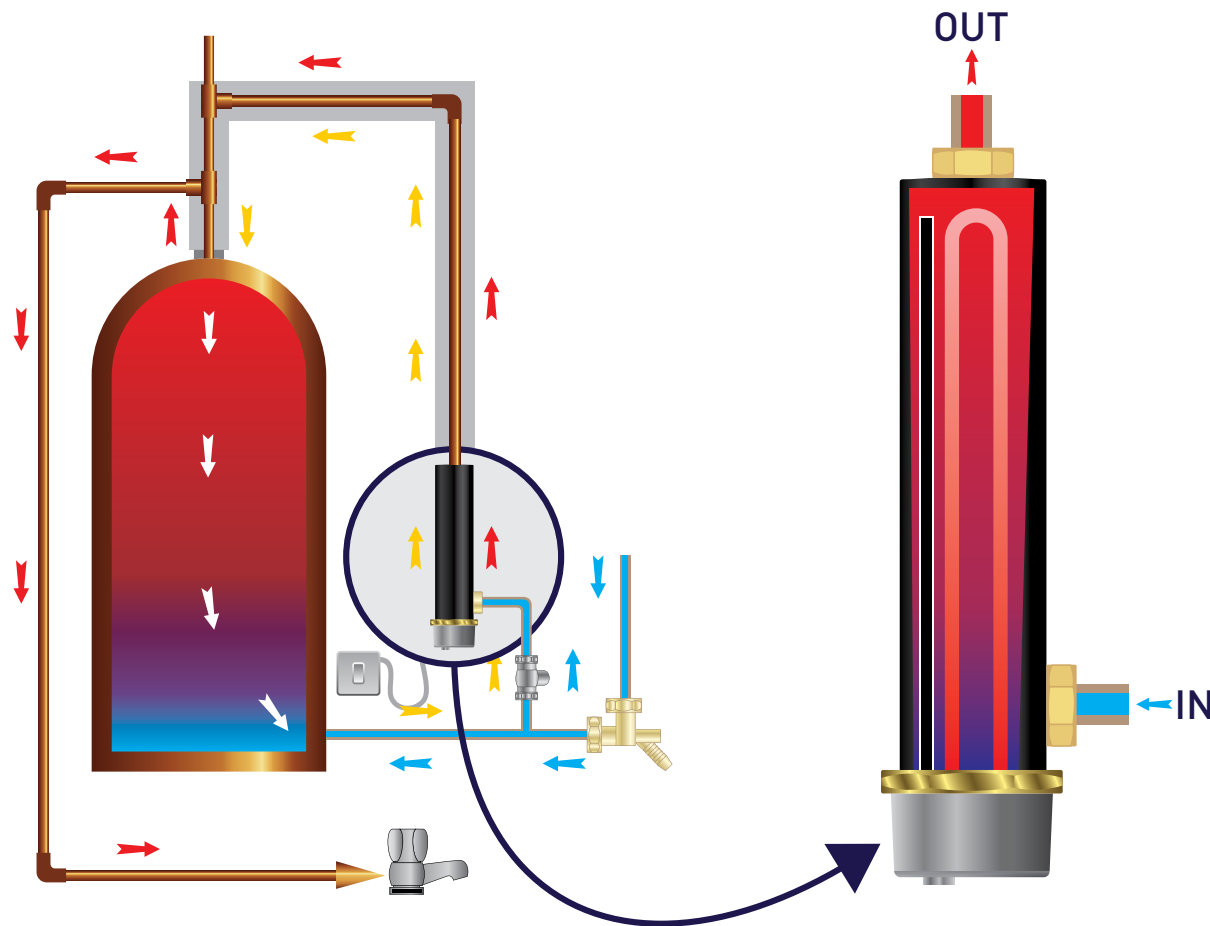




# SAVE ENERGY WITH THE EMERALD GEYSER

ALSO KNOWN AS THE WILLIS WATER HEATER/ECONOMISER WATER HEATER

- Only 10-15 mins to preheat
- Only 5 mins to preheat for dishes, shaving etc.
- Not recommended for use in Hard Water Areas



**CAN HEAT APPROXIMATELY 4.5L EVERY 5 MINUTES**

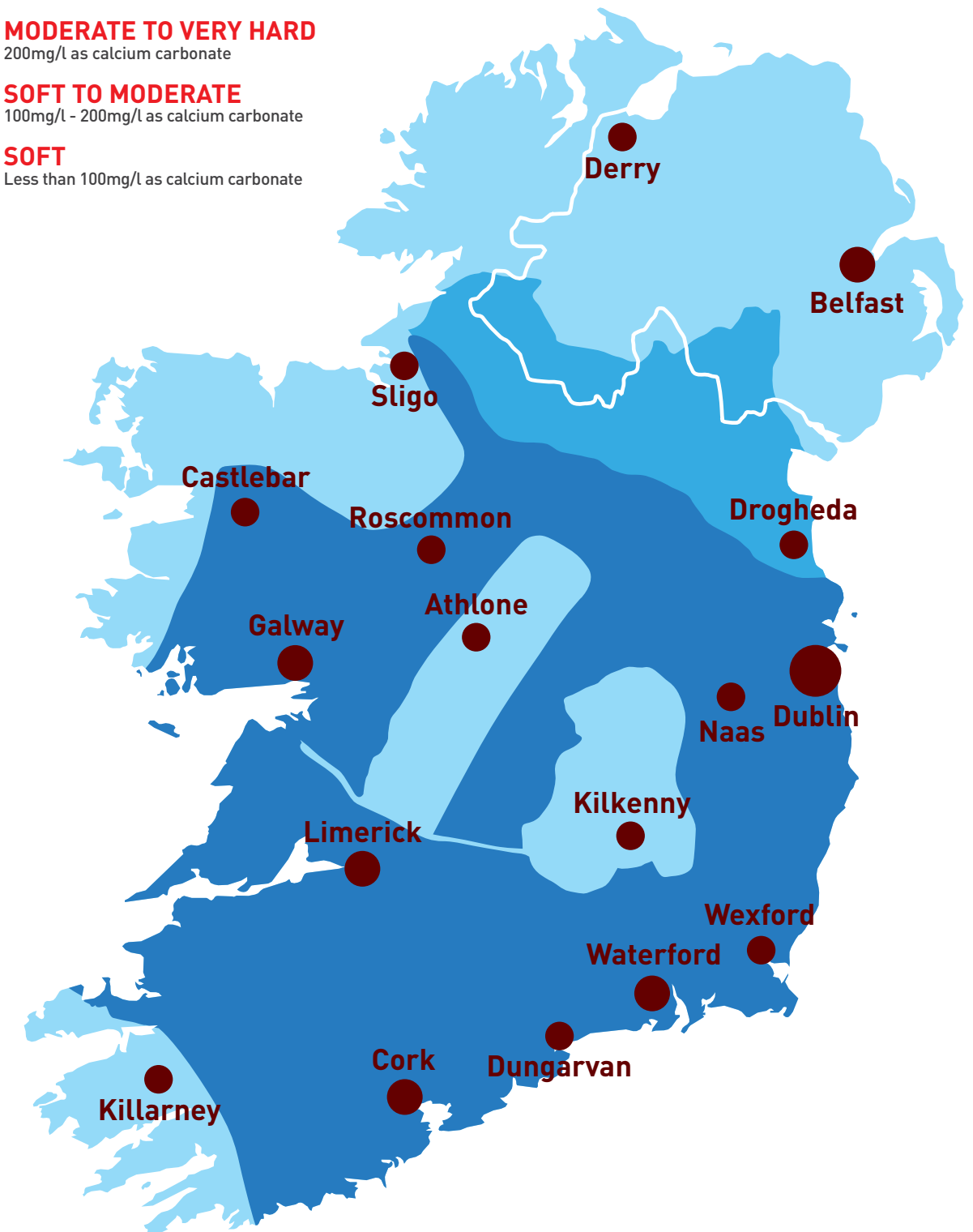


**EMERALD GEYSER 220V / 230V (WILLIS WATER HEATER)**  
With stat, insulated and 1m cable

Code	Description	KW	Fitted Stat	cotherm alternative	Price
C11ATSEG	11" Cylinder	3KW	ST7	TSDR7	€66.88

## WATER HARDNESS MAP OF IRELAND

- MODERATE TO VERY HARD**  
200mg/l as calcium carbonate
- SOFT TO MODERATE**  
100mg/l - 200mg/l as calcium carbonate
- SOFT**  
Less than 100mg/l as calcium carbonate



In **SOFT WATER** areas **COPPER** immersions are suitable.

In **SOFT to MODERATE** or **MODERATE to VERY HARD** water areas, it is recommended that ONLY **INCOLOY**, **STAINLESS STEEL** or **TITANIUM** products are used.

Map details supplied by Irish Water. For guidance purposes only. Please contact Irish Water for further details.







# IDEAL ELECTRICAL

## INFRARED & CERAMIC HEATERS



**2KW Infrared Heater**  
LDHR005G2-200



## **IDEAL** Infrared Heaters

Instant heating with no pre-heat required.

They can be used with a motion sensor to reduce running costs. They are portable (when used with a tripod heater stand) due to their light and compact design.

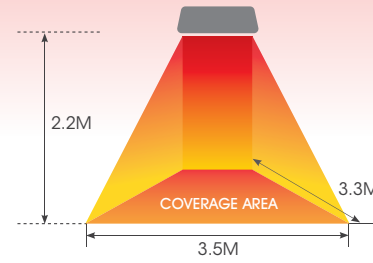
They are perfect for many different uses and locations.

### PERFECT FOR:

- Clubs
- Community Centres
- Meeting Rooms
- Smoking Areas
- Patios
- Poorly Insulated Buildings
- Workshops
- Trade Counters
- Toilets
- Animal Husbandry

Feel the  
**Difference**

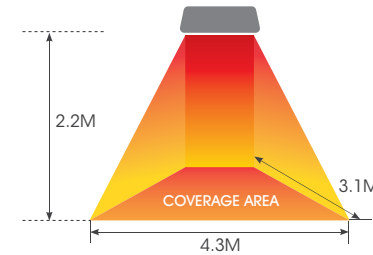




#### 1KW INFRARED HEATER

Code	Power (W)	Voltage (V)	IP Rating	Colour	Box Qty	Price
LDHR00610	1000	220-240	IP65	Silver	4	€207.29

- 1000W of heating power - ideal for indoor and outdoor use
- Water & dustproof to IP65 Standard
- Extra reflector for higher heating efficiency
- Wall mounting bracket included
- Easy lamp replacement



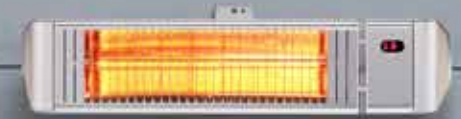
#### 1.5KW INFRARED HEATER WITH REMOTE CONTROL

Code	Power (W)	Voltage (V)	IP Rating	Colour	Box Qty	Price
LDHR009-150KY	1500	220-240	IP65	Silver	4	€276.38

- 1500W of heating power - ideal for indoor and outdoor use
- Remote Control with 6 variable power settings
- Water & dustproof to IP65 Standard
- Extra reflector for higher heating efficiency
- Wall mounting bracket included
- Easy lamp replacement



# Remote Heat



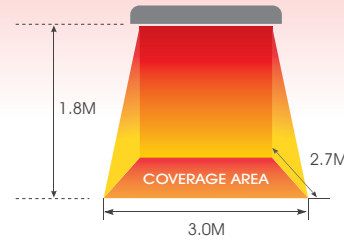
## IDEAL 1.5KW Infrared Heater with Remote Control

- 1500W of heating power - ideal for indoor and outdoor use
- Remote Control with 6 variable power settings
- Water & dustproof to IP65 Standard
- Extra reflector for higher heating efficiency
- Wall mounting bracket included
- Easy lamp replacement



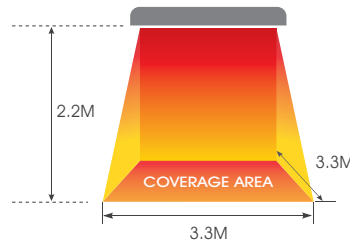
**REMOTE CONTROL**  
With 6 Power Settings  
from 500W - 1.5KW





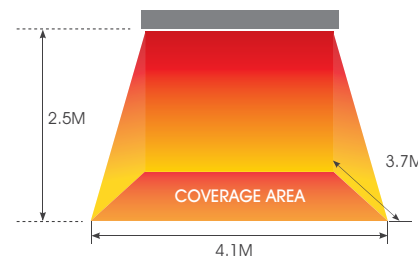
#### 1.5KW INFRARED HEATER

Code	Power (W)	Voltage (V)	IP Rating	Colour	Box Qty	Price
LDHR005G2-150	1500	220-240	IP65	Silver	4	€218.80



#### 2KW INFRARED HEATER

Code	Power (W)	Voltage (V)	IP Rating	Colour	Box Qty	Price
LDHR005G2-200	2000	220-240	IP65	Silver	4	€218.80
LDHR005G2-200B	2000	220-240	IP65	Black	4	€218.80



#### 3KW INFRARED HEATER

Code	Power (W)	Voltage (V)	IP Rating	Colour	Box Qty	Price
LDHR005G2-3002	3000	220-240	IP65	Silver	4	€398.45
LDHR005G2-3002B	3000	220-240	IP65	Black	4	€398.45

- 1500 - 3000W of heating power - ideal for indoor and outdoor use
- Water & dustproof to IP65 Standard
- Extra reflector for higher heating efficiency
- Wall mounting bracket included
- Easy lamp replacement



# Irresistible Heat

## IDEAL 3KW Infrared Heater

- 3000W of heating power - ideal for indoor and outdoor use
- Water & dustproof to IP65 Standard
- Extra reflector for higher heating efficiency
- Wall mounting bracket included
- Easy lamp replacement







CERAMIC HEATER



CERAMIC HEATER

**CERAMIC HEATERS** provide powerful heat whilst emitting no light or glow. Light, compact and portable (when used with a tripod heater stand). They are the ideal solution for locations where wall space is limited.



#### 1.3KW CERAMIC HEATER

Code	IP Rating	Colour	Box Qty	Price
LDHR070C-130	IP22*	Black	4	€218.80

\*For Indoor/Covered Area Use Only

#### 2KW CERAMIC HEATER

Code	IP Rating	Colour	Box Qty	Price
LDHR070C-200	IP22*	Black	4	€276.38

\*For Indoor/Covered Area Use Only

#### TRIPOD HEATER STAND\*\*

Code	Max. Height (cm)	Colour	Box Qty	Price
LDT-5	183.5	Black	4	€103.64

\*\*Heaters sold separately

SUITABLE FOR ALL IDEAL HEATERS  
UP TO 2KW IN SIZE



ENERGY  
SAVER

**BOOST** for 15, 30mins, 1hr, 2hr & 3hr

#### BOOST TIMER PRO - HARDWIRED ONLY

Code	Description	Price
BST3	230Vac 50 Hz Booster	Page 131



**IDEAL**  
2KW Infrared Heater



**IDEAL**  
3KW Infrared Heater







# IDEAL ELECTRICAL WATER HEATERS



**10L Undersink Water Heater**  
WH66010



# Hot Water On Tap

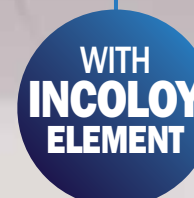
## IDEAL Water Heaters

The perfect solution to provide hot water efficiently and cost effectively. They come in 6, 10, 15 and 25 litres capacities in an under sink model and a 10 litre over sink model is also available.

These units provide hot water on demand in localised applications. This can be more cost effective than installing a traditional system. They are suitable for many different uses and locations.

### PERFECT FOR:

- Clubs
- Community Centres
- Canteens
- Kitchens
- Offices
- Apartments
- Workshops
- Garages







UNDERSINK WATER HEATER (Incoloy Element)				
Code	Volume	KW	Voltage	RRP
WH66006	6L	2KW	230V	€143.59
WH66010	10L	2KW	230V	€164.66
WH66015	15L	2KW	230V	€211.86
WH66025	25L	2.5KW	230V	€270.71

WITH  
**INCOLOY  
ELEMENT**



OVERSINK WATER HEATER (Incoloy Element)				
Code	Volume	KW	Voltage	RRP
WH99010	10L	2KW	230V	€176.55

WITH  
**INCOLOY  
ELEMENT**

## SPECIFICATIONS

- Incoloy Element
- Complete with Cable & Plug
- Adjustable Thermostat
- Indicator Light – Red & Green
- Single Weld Tank Design
- Enamel Coated Tank – Anti-corrosion
- Protective anode rod
- 6 Bar Safety Valve
- Includes wall bracket
- Quick recovery time - 2KW & 2.5KW
- ½" BSP Connections
- Dielectric junctions
- CFC free polyurethane insulation
- Whirlflow design with 20% more hot water output



\*PLEASE NOTE: Failure to operate these water heaters in accordance with the manufacturers instructions and local regulations may invalidate this warranty.



EXPANSION VESSEL			
Code	Volume	BSP	Price
EXPV2L	2L	1/2"	Page 24

TUNDISH C x C		
Code	Size	Price
TD14721	14.7mm x 21mm	Page 24
TD1522	15mm x 22mm	Page 24

PRESSURE REDUCING VALVE DZR			
Code	Description	Box Qty.	Price
PRV002	½" P.R.V.	1	Page 40

TECHNICAL DETAILS			
Volume	L x W x H	ERP	Approvals
6L	305x305x304	B	CE, RoHs
10L	345x345x301	A	CE, RoHs
15L	385x385x316	A	CE, RoHs
25L	435x435x378	B	CE, RoHs

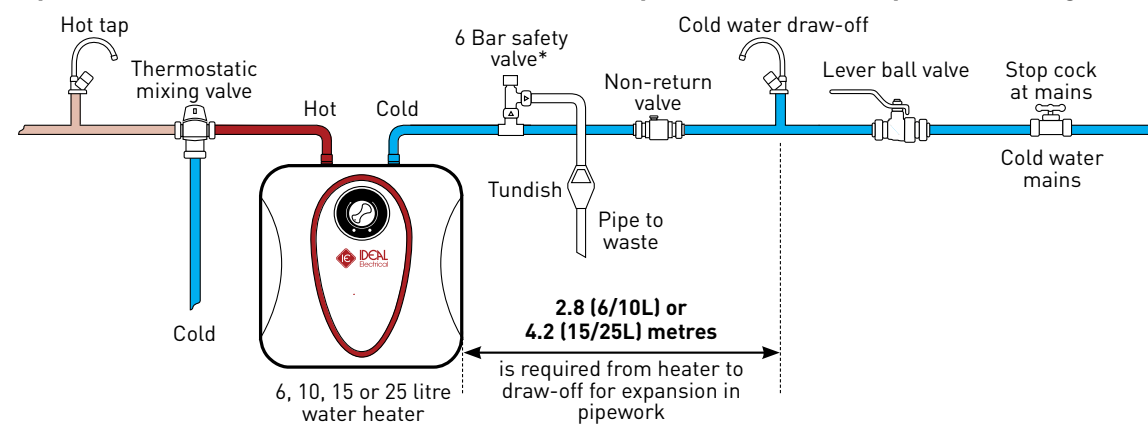
RECOMMENDED SELECTION GUIDE	
Capacity	Number of Basins
6L	(1 -2)
10L	(2-3)
15L	(3-4)
25L	5

HEAT UP TIMES FROM 30°C TO 65°C	
6L	8mins
10L	13mins
15L	20mins
25L	25mins

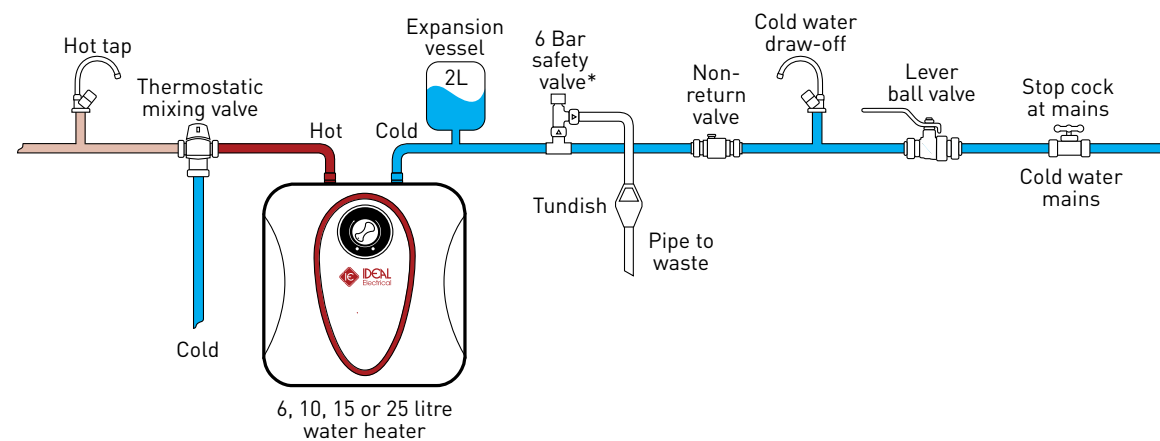
Note: These figures are for guidance only



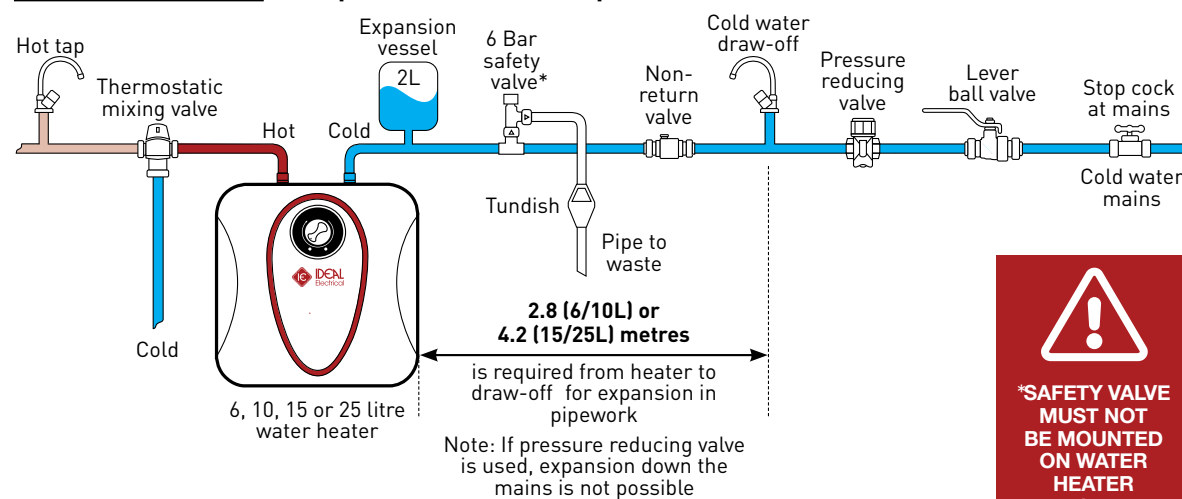
**Fig. 1: For inlet water pressure UP TO 4.1 BAR, where required DISTANCE FOR PIPEWORK EXPANSION IS AVAILABLE - 2.8M FOR 6/10L & 4.2M FOR 15/25L, an expansion vessel is not required (where this distance is not available, an expansion vessel is required - see Fig. 2).**



**Fig. 2: For inlet water pressure UP TO 4.1 BAR, where required DISTANCE FOR PIPEWORK EXPANSION IS NOT AVAILABLE - 2.8M FOR 6/10L & 4.2M FOR 15/25L, an expansion vessel is required.**



**Fig. 3: For inlet water pressure ABOVE 4.1 BAR, a pressure reducing valve is required. Where REQUIRED DISTANCE FOR PIPEWORK EXPANSION IS NOT AVAILABLE - 2.8M FOR 6/10L & 4.2M FOR 15/25L, an expansion vessel is required.**



PLEASE NOTE: Illustrations are for guidance purposes only. Failure to operate these water heaters in accordance with the manufacturers instructions and local regulations may invalidate this warranty.



**ALWAYS COMPLY WITH LOCAL REGULATIONS**  
Installation should be carried out by qualified personnel only



**IDEAL**  
10L Oversink  
Water Heater







# FARHO ELECTRIC RADIATORS



**Victoria Ultra**  
VICT08



 NOTE: All Farho® products MUST be fitted by a qualified electrician 





# WHY FARHO?

- Plastic end panels manufactured from high quality flame retardant plastic ABS-VO self-extinguishing material
- Manufactured by Shell, Farhoil is a thermal fluid of high temperature resistance from -40°C to 330°C with high thermal conductivity and low vapour pressure
- All radiators are 100% filled with oil for uniformed heat distribution and optimum performance
- Aluminium panel manufactured by injection moulding, complete with epoxy finish making it corrosion proof and maintenance free
- Element made from stainless steel AISI-304 - requires low energy and provides maximum heat efficiency
- Electronic programmes can be customised for project requirements
- Radiators come complete with metal wall brackets and cable
- Mounting template makes installation quick and easy
- Overheat cut out

## WHICH FARHO?

- Various models available:
  - **Victoria Ultra**, WiFi Control
  - **Eco Green**, Programmable
  - **Eco Green Ultra**, Programmable
  - **XanaPlus**, WiFi Control
  - **LST Low Surface Temperature**, ideal for Schools, Creches, Medical Centres
  - **LPD Low Profile**, perfect for places where wall height is limited



Spec Sheet Available for Plastic and Oil



End users of Farho® include:





**VICTORIA ULTRA**  
With time and temperature control

Code	Panels	KW	Colour	Price
VICT04	4	0.66	White	€505.48
VICT06	6	1.00	White	€567.32
VICT08	8	1.32	White	€627.13
VICT10	10	1.65	White	€695.46
VICT12	12	2.00	White	€758.98

**NEW**

*Victoria*  
ULTRA



**VICTORIA ULTRA - TECHNICAL DETAILS**

Product Code	VICT04	VICT06	VICT08	VICT10	VICT12
Panels	4	6	8	10	12
KW	0.66	1.00	1.32	1.65	2.00
Area Heated	8.8/10.2m <sup>2</sup>	12.4/14.4m <sup>2</sup>	16/18.6m <sup>2</sup>	19.6/22.6m <sup>2</sup>	23.2/26.8m <sup>2</sup>
IP Protection	IP44	IP44	IP44	IP44	IP44
Length(mm)	442	600	758	917	1075
Height(mm)	555	555	555	555	555
Depth(mm)	95	95	95	95	95
Weight (kg)	7.2	10.3	13	15.9	18.8

**NEXHO-VIC**

Code	Description	Price
NEXHO-VIC	WiFi Controller for Victoria Ultra Heater	€103.95

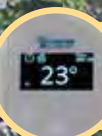


**NEW**

*Victoria*  
ULTRA

The Victoria Ultra model is the latest product in the FARHO® range. It is a unique electric radiator that is stylish, efficient, and easy to operate and install, combining high technology performance with easy controllability.

A new large touch screen makes operation easier than any other heater on the market. Watts per panel has also been **INCREASED TO 165W**, making the Victoria Ultra smaller than other models, which means it takes up less wall space.



**LARGER TOUCH SCREEN**

**NEW**



**EASIER PROGRAMMING**

**NEW**



**BOOST FUNCTION**  
1, 2 or 3 HOURS



**MORE COMPACT**



**50% MORE WATTS PER PANEL**



**REMOTE HEAT**



**NOTE: All Farho® products MUST be fitted by a qualified electrician**



### ECO GREEN ULTRA

With time and temperature control

Code	Panels	KW	Colour	Price
ECGU04	4	0.66	White	€394.50
ECGU06	6	1.00	White	€466.13
ECGU08	8	1.32	White	€522.21
ECGU10	10	1.65	White	€586.11
ECGU12	12	2.00	White	€644.20

NEW

ECO Green ULTRA



### ECO GREEN ULTRA - TECHNICAL DETAILS

Product Code	ECGU04	ECGU06	ECGU08	ECGU10	ECGU12
Panels	4	6	8	10	12
KW	0.66	1.00	1.32	1.65	2.00
Area Heated	9.4/11m <sup>2</sup>	13.2/15.4m <sup>2</sup>	17/19.8m <sup>2</sup>	20.8/24.2m <sup>2</sup>	24.6/28.6m <sup>2</sup>
IP Protection	IP44	IP44	IP44	IP44	IP44
Length(mm)	450	610	770	930	1090
Height(mm)	580	580	580	580	580
Depth(mm)	98	98	98	98	98
Weight (kg)	9.34	12.96	16.88	20.38	24.54



NEW

## ECO Green ULTRA

The New Eco Green Ultra model by FARHO® offers a new screen positioned for greater visibility.

Watts per panel has been **INCREASED TO 165W**, making the Eco Green Ultra smaller than other models, which means it requires less wall space.

Delivering heat on demand, the Eco Green Ultra gives you maximum flexibility in its fully programmable settings.

Whether heating a house, office, or property, you can have the heat you want exactly when and where you want it.



**ELEVATED SCREEN POSITION**

NEW



**FLEXIBLE PROGRAMMING**



**BOOST FUNCTION**  
1, 2 or 3 HOURS



**MORE COMPACT**



**50% MORE WATTS PER PANEL**



**NOTE: All Farho® products MUST be fitted by a qualified electrician**



#### ECO GREEN

With time and temperature control (6 on & offs per day)

Code	Panels	KW	Colour	Price
ECOG03	3	0.33	White	€307.38
ECOG05	5	0.55	White	€392.13
ECOG07	7	0.77	White	€472.37
ECOG09	9	0.99	White	€540.17
ECOG11	11	1.21	White	€596.67
ECOG13	13	1.40	White	€650.92
ECOG15	15	1.65	White	€705.16

*ECOgreen*



The Eco Green model combines high technology performance with easy management  
FARHO® Eco Green models can be programmed in up to six independent operating periods for each day of the week and it can also be controlled from the side panel.

#### ECO GREEN - TECHNICAL DETAILS

Product Code	ECOG03	ECOG05	ECOG07	ECOG09	ECOG11	ECOG13	ECOG15
Panels	3	5	7	9	11	13	15
KW	0.33	0.55	0.77	0.99	1.21	1.43	1.65
Area Heated	5/5.8m <sup>2</sup>	7.4/8.6m <sup>2</sup>	10/11.6m <sup>2</sup>	12.6/14.6m <sup>2</sup>	15/17.4m <sup>2</sup>	17.6/20.4m <sup>2</sup>	20/23.2m <sup>2</sup>
IP Protection	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Length(mm)	370	530	690	850	1010	1170	1330
Height(mm)	590	590	590	590	590	590	590
Depth(mm)	95	95	95	95	95	95	95
Weight (kg)	7.1	10.8	14.5	18.3	22.2	25.8	29.7



**NOTE:** All Farho® products MUST be fitted by a qualified electrician



The Eco Green heater combines high technology performance with easy management.

FARHO® Eco Green models can be programmed in up to six independent operating periods for each day of the week and it can also be controlled from the side panel.



**FLEXIBLE  
PROGRAMMING**



**BOOST FUNCTION**  
1, 2 or 3 HOURS



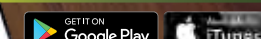
**EFFICIENT - 110  
WATTS PER PANEL**



**SEVEN SIZES IN  
THE RANGE**

**ROOM  
SIZING  
APP**

Size the perfect heater  
for your room with  
our **FREE** app!





### XANA PLUS XP

With time and temperature control (6 on & offs per day)

Code	Panels	KW	Colour	Price
XANA3	3	0.33	White	€400.04
XANA5	5	0.55	White	€470.11
XANA7	7	0.77	White	€540.17
XANA9	9	0.99	White	€610.23
XANA11	11	1.21	White	€662.21
XANA13	13	1.43	White	€722.11
XANA15	15	1.65	White	€802.34

**Xana**  
PLUS

REMOTE  
HEAT



### NEXHO-MI

Code	Description	Price
NEXHO-MI	WiFi Controller for Xana Plus Heater	€156.45

### LOW SURFACE TEMPERATURE\*

Code	Panels	KW	Colour	Price
XP-07LST	7	0.77	White	€591.88
XP-09LST	9	0.99	White	€657.70
XP-11LST	11	1.21	White	€713.07
XP-13LST	13	1.43	White	€774.44
XP-15LST	15	1.65	White	€832.86

FARHO LOW SURFACE TEMPERATURE HEATERS provide the perfect heating solution for care homes, crèches, nurseries, schools and healthcare facilities

\*Please contact South Coast Sales for sizing information.

### LOW PROFILE\*

Code	Panels	Wattage	Colour	Price
LPD9	9	675	White	€452.03
LPD11	11	825	White	€531.13
LPD13	13	975	White	€587.63

FARHO LOW PROFILE HEATERS provide the perfect heating solution for areas with restricted height (e.g. conservatories)

\*Please contact South Coast Sales for sizing information.

LOW  
SURFACE  
TEMPERATURE



LOW  
PROFILE

### NOVA TOWEL RAIL

With time and temperature control

Code	Wattage	Colour	Price
FAR3	800	White	€372.92
FAR4	400	White	€310.77
FAR10	800	Chrome	€446.37
FAR12	400	Chrome	€376.68



**NOVA**



### NOVA TOWEL RAIL - TECHNICAL DETAILS

Product Code	FAR3	FAR4	FAR10	FAR12
Wattage	800	400	800	400
Voltage	220-230v	220-230v	220-230v	220-230v
Height (mm)	1200	800	1200	800
Width (mm)	500	500	500	500



**NOVA**

FARHO'S® Nova Towel Rails are the perfect complement to any bathroom. Elegant and stylish, they are available in both white and chrome finish.



WHITE OR POLISHED  
CHROME FINISH



LARGE 800W OR  
SMALL 400W  
CONFIGURATION



SIMPLE TO USE  
CONTROLS



VARIABLE  
TEMPERATURE  
CONTROL



BOOST FACILITY  
1 & 2 HOURS

**NOTE: All Farho® products MUST be fitted by a qualified electrician**



#### IDEAL ELECTRICAL TOWEL RAIL

Code	Wattage	Colour	Price
TR300C	300	Chrome	€262.56
TR300W	300	White	€228.01
TR500C	500	Chrome	€308.63
TR500W	500	White	€248.74



Suitable for bathrooms, drying rooms/airing cupboards, etc. when installed in Zone 3  
Can be controlled by timer (sold separately).



#### IDEAL ELECTRICAL TOWEL RAIL - TECHNICAL DETAILS

Product Code	TR300C	TR500C	TR300W	TR500W
Wattage	300	500	300	500
Voltage	220-230v	220-230v	220-230v	220-230v
Height (mm)	800	1200	800	1200
Width (mm)	500	500	500	500

#### BOOST TIMER PRO - HARDWIRED ONLY

Code	Description	Price
BST3	230Vac 50 Hz Booster	Page 131



ENERGY SAVER



**BOOST** for 15, 30mins, 1hr, 2hr & 3hr

## IDEAL ELECTRICAL TOWEL RAIL

Give your bathroom a stylish and modern update with the IDEAL Electrical heated towel rail.

Providing the simple luxury of warm towels, available in a wide range of sizes to ensure a perfect fit for your bathroom.



AVAILABLE IN WHITE AND CHROME



LOW WATTAGES  
300/500 WATTS



CAN BE USED WITH  
ON/OFF SWITCH OR  
TIMERS



SUPPLIED WITH  
FITTED ELEMENT



1 METER OF  
CABLE



**NOTE:** All Farho® products MUST be fitted by a qualified electrician

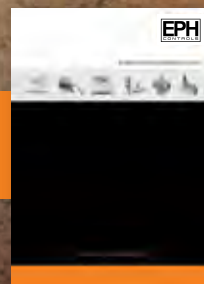






# EPH CONTROLS

For other EPH Controls products please see the full EPH Controls catalogue or visit our website: [www.ephcontrols.com](http://www.ephcontrols.com)



## 2 PORT VALVE

Code	Description	Price
V221P	3/4" Compression	€89.95
V228P	28mm Compression	€119.70



M1P



DS1P

## REPLACEMENT ACTUATORS

Code	Description	Price
M1P	2 Port - For Myson*	€90.52
DS1P	2 Port - For Danfoss & Sunvic*	€91.04

\*Please ask your rep for details of exact models of Myson, Danfoss & Sunvic these actuators fit.



NEW

## CP4 - RF PROGRAMMABLE THERMOSTAT

Code	Description	Price
CP4	Wireless pack C/W RFRP & RF1A	POA



NEW

## CP4i - SMART THERMOSTAT

Code	Description	Price
CP4i	Smart Thermostat C/W RFRP, RF1A & GW03	€280.52



## EMBER SYSTEM

Code	Description	Price
EMBERPS01	1 Zone APP - 1 R17-RF, 1 RFR & 1 GW01	€372.57
EMBERPS04	2 Zone APP - 1 R27-RF, 1 RFR, 1 RFC & 1 GW01	€506.29
EMBERPS08	3 Zone APP - 1 R37-RF, 2 RFR, 1 RFC & 1 GW01	€641.66



## HEATING CONTROL PACK

Code	Description	Price
CR221P	2 Channel Hardwired Control Pack	€306.85
CR3P	3 Channel Hardwired Control Pack	€470.71

## HEATING CONTROL PACK - WIRELESS

Code	Description	Price
CR221PRF	2 Channel RF Control Pack	€572.22
CP3PRF	3 Channel RF Control Pack	€865.95



## ZONE PROGRAMMER

Code	Description	Price
R17	1 Zone Programmer	€94.93
R27-HW	2 Zone Programmer	€118.86
R37-HW	3 Zone Programmer	€221.10
R47	4 Zone Programmer	€306.73





**BOOST for 15,  
30mins, 1hr,  
2hr & 3hr**

## BOOST TIMER PRO

Code	Description	Price
BST3	230Vac 50 Hz Booster	€49.00



## IMMERSION CONTROLLER WITH BOOSTER

Code	Description	Price
IMC	230V 50 Hz Immersion Controller	POA



## ROOM THERMOSTAT & PIPE/CYLINDER THERMOSTAT

Code	Description	Price
CM2	Room Thermostat 2 Wire	€23.13
WRP	Pipe / Cylinder Stat	€23.13



## RADIATOR VALVE

Code	Size	Box Qty	Pack Qty	Price
LSV15	15mm + 1/2" Olive Lockshield	100	50	Page 18



## MULTI-LAYER TRV

Code	Size	Price
EMTRVMLP	1/2" x 16mm	Page 18



## WiFi GATEWAY

Code	Description	Price
GW01	WiFi Gateway	€190.44



## THERMOSTATIC MIXING VALVE

Code	Size	Setting Range	Flow Rate	Price
TMV15C	15mm	30-50 °C	1.1 Kvs	€89.01
TMV22C	22mm	30-50 °C	1.1 Kvs	€107.87



## SPECIFICATIONS

- Brass Body
- Scald Protection



## THERMOSTATIC MIXING VALVE

Code	Size	Setting Range	Flow Rate	Price
TMV-31100500	3/4"	20-43 °C	1.5 Kvs	€112.25



## TRV PACK

Code	Size	Box Qty	Pack Qty	Price
EMTRV15	15mm + 1/2" Olive TRV & Lockshield Twin Pack	25	1	Page 18







Making water work for you!

Philmac®  
‘No 1. in Ireland’



\*Please contact South Coast Sales for full details of WRAS approved products.

Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only.



<b>Normal Gauge Compression Fittings</b>	<b>141</b>
Fitting instructions	145 – 146
Ball valves	147 – 148
Ballcocks	151 – 152



<b>Metric/Imperial Compression Fittings</b>	<b>153</b>
Fitting instructions	157 – 158
Ball valves	159 – 160
Ballcocks	163 – 164



<b>UTC - Universal Transition Couplings (Problem Solver)</b>	<b>169</b>
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<b>Metric Large Fittings - 16 Bar</b>	<b>173</b>
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<b>BSP Threaded Fittings</b>	<b>175</b>
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<b>Technical Information</b>	
Chemical Resistance Chart	166
Pipe Sizing Chart	167 – 168



\*Please contact South Coast Sales for full details of WRAS approved products.

Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only.



Philmac is a global leader in the design and manufacture of specialist pipe fittings and valves, providing cost-effective solutions for the transfer, control and application of water.



#### CUSTOMER FOCUS

The key to our success lies in the commitment to provide the highest quality service and support to our customers and end users through our highly motivated and experienced team that also has the support of a Global business.



#### OTHER INFORMATION

Philmac products have WRAS approval where relevant. Philmac BSP Treaded fittings are 16 Bar rated up to and including 2". For sizes above this, they are suitable for 16 bar applications.



#### THE ENVIRONMENT

We actively and consistently strive to reduce our impact on the environment and operate an environmental management system.



#### QUALITY

Philmac operates an accredited Quality Management System to ISO 9001:2015 to ensure peace of mind for our customers.

For further information, please visit our website [www.southcoastsales.com](http://www.southcoastsales.com), email [info@southcoastsales.com](mailto:info@southcoastsales.com) or telephone 021 434 6143.



Philmac are a provider of pipe connection solutions in the Plumbing, Utility, Industrial, Agricultural and Irrigation sectors. We are focused on providing high integrity and solution solving products of the highest quality combined with the highest levels of service.



#### AGRICULTURE

Philmac products are designed to provide flexibility, adaptability and durability to meet the diverse requirements of the agricultural sector. Long-lasting, simple installation and easy disassembly make the fittings ideal for livestock watering and rural water supplies.



#### IRRIGATION

Irrigation and turf specialists can access a wide range of quality products from Philmac, designed specifically to fulfil the requirements of the industry.



#### PLUMBING

Professional plumbers have embraced Philmac's products for their reliability, ease of installation and use. A major benefit is their ability to offer plumbers quick and simple solutions to their on-the-job needs.

Philmac products are designed and manufactured to ensure a lifetime of durability and service.



#### INDUSTRIAL

Philmac offers an extensive range of products to suit commercial and industrial applications. An increasing preference for plastic pipe systems in industrial environments has seen Philmac fittings and valves become the product of choice in this sector.



#### UTILITY

Reliability and ease of use during installation have ensured Philmac fittings are readily used by municipal water installation specialists.

Philmac fittings give you the flexibility to join a wide variety of pipe, including lead and PVC.

The installation of new and the repair of existing PE pipework can be done quickly and easily using Philmac fittings, even in difficult conditions, including inclement weather and confined spaces.



\*Please contact South Coast Sales for full details of WRAS approved products.





# ONE FITTING FITS ALL

First manufactured in 1968 and still market leaders, Philmac fittings have proven themselves in agricultural and commercial applications all over the world. Long-lasting, corrosion resistant and easy to install, they are the fitting of choice for both contractors and installers. Philmac fittings up to 2" are **16 Bar Rated**.



- Easiest fitting to use - only two types of kit
- No pipe preparation
- Full compression fitting
- No resistance to pipe insertion - just slide and tighten
- Largest range of fittings on the market
- UTC Transition Couplings also available for metal and plastic pipes - see pages 169-172 for the full range

**Philmac**  
Making water work for you!

Philmac fittings are approved for use above and below ground



# High Spec Quality Product

## PROPERTIES

### High Performance

**Made from advanced thermoplastic materials:**

3G (Metric/Imperial™ & Normal Gauge) is manufactured from lightweight high performance thermoplastic materials with outstanding impact, UV, chemical and corrosion resistance. The material is non-toxic and taint-free.

### Rated to 16 Bar:

3G is pressure rated to 16 Bar (230psi) to meet the needs of high pressure systems.

### 50 year+ design life:

Built to withstand the toughest conditions to ensure longevity and durability, 3G has a 50 year+ design life.

### Unique Design

#### Dynamic sealing method:

The mechanical advantage of the nut thread compresses the seal into position, eliminating resistance when inserting the pipe into the fitting so there is no risk of seal distortion or displacement.

### Designed to minimise pipe twist:

The fitting has been designed to minimise pipe twist as the nut is tightened. Maximum pipe twist is approximately a quarter turn compared to one and a half turns with many other fittings. Pipe twist can impact on not only the connection you have just made but also on the connection at the other end of the line.

### Wide range:

The Philmac 3G range is comprehensive: straight and reducing joiners, tees, elbows, end connectors and caps ranging from 20mm to 63mm. Also available are normal gauge (IRS 134) connection kits, reducing kits and blanking plugs, ball valves, stopcocks, wall plate elbows, tank connectors and float valves.

### Effect on Water:

Philmac does not impart to water any odour, taste, colour, or any constituents in concentrations that could be injurious to health.

### Philmac complies with:

BS 6920 'Suitability of non metallic products for use in contact with potable water intended for human consumption with regard to their effect on the water'.

### Operating Temperatures:

-10°C to +25°C. Not suitable for hot water applications.

### Fluids other than Water:

Pipes connected by Philmac may convey a wide variety of fluids. For resistance to common chemicals consider the following table as a guide only.

### For specific applications:

Please contact Customer Service for advice and information.

**Telephone: 021 434 6143**



Please contact South Coast Sales for full details of WRAS approved products



**N.B. All threads are BSP tapered. Use PTFE Tape on threads for lubrication purposes. DO NOT overtighten.**





# THE COMPLETE SOLUTION

Patent protected, Philmac **Normal Gauge™** and **Metric/Imperial™** plastic compression fittings are the product of the company's unrelenting commitment to continuous improvement and a culture based on innovation and ingenuity.



**Seven into ONE will go**  
Connects

- Blue MDPE BS 6572
- Black MDPE BS 6730
- Low Density Class C BS 1972
- Low Density Class D BS 1972
- High Density Class C BS 3284
- High Density Class D BS 3284
- IRS 135 Heavy Gauge BS 1972/61

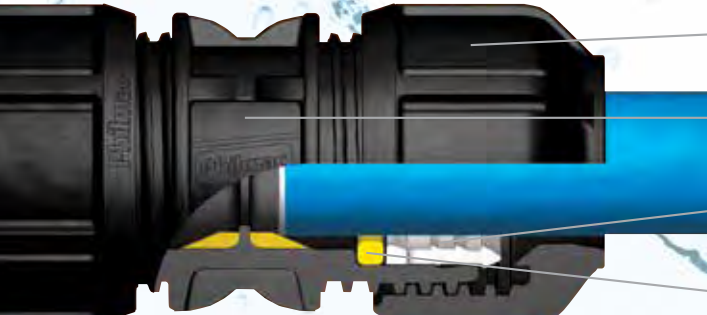
## No need for dedicated fittings

Liners must be used with Normal Gauge and Metric pipe.

No pipe preparation is needed and no force is required to push the pipe past the seal, so installation could not be faster or easier. Simply insert the pipe fully into the fitting and then tighten the nut. Assembly is so easy that you can even do it under live conditions.

No special tools are required and there is no need to disassemble the fitting before use because both the Normal Gauge and Metric/Imperial™ compression fitting is supplied pre-assembled and ready to use.

## Materials & Components



**NUT** - Acetal

**BODY** - Polypropylene

**SPLIT COLLET** - Acetal

**SEAL** - Nitrile Rubber  
Metric/Imperial, NBR Normal Gauge



**Long-lasting, corrosion resistant and easy to install, Philmac fittings have proven themselves in agricultural and commercial applications all over the world. They are the fitting of choice for both contractors and installers.**

## Fast and Easy Installation

**Slide & Tighten™ technology:** Philmac compression fittings incorporate all the benefits of Philmac's unique Slide & Tighten™ technology. No pipe preparation is needed, no force is required to push the pipe past the seal. This means faster and easier installation because the fitting seals on the outside of the pipe. Simply insert the pipe into the fitting until the first point of resistance is felt, and then tighten the nut.

**Compact design:** The size of the Philmac compression fitting has been kept to a minimum, making the fitting ideal for use in confined areas.

**Easy disassembly:** The fitting has been designed so the grip ring is released as soon as the nut is backed off, making disassembly easy.

## Complete Security

**Visual stop:** With Metric pipe, the body flange on the Philmac compression fitting acts as a visual stop to indicate when the nut is tightened. There is no benefit in further tightening of the nut.

**No loose components:** If the nut is removed there is no danger of losing components, as the grip ring and seal ring are retained in the body of the fitting.

**Dynamic sealing method:** As the nut is tightened, the seal is compressed between the pipe and the fitting body.

**Designed to minimize pipe twist:** The fitting has been designed to minimize pipe twist as the nut is tightened. Maximum pipe twist is approximately a quarter turn compared with one and a half turns with many other fittings.

**Approvals:** Philmac M/I compression fittings are WRAS approved for potable water use.

## Lead Free

The Philmac range of compression fittings is completely free of lead.

## High Performance Materials




**Lightweight high performance thermoplastic:** Philmac compression fittings are manufactured from lightweight high performance thermoplastic materials that, unlike metal fittings, resist corrosion, significantly minimizing maintenance, repairs and long-term costs. The materials are non-toxic and taint-free.

## Complete Coverage

**Wide range:** The Philmac compression fittings range is comprehensive: straight and reducing couplers, tees, elbows, male and female adapters and caps ranging from ½" to 2". 75mm to 110mm fittings are also available.





	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE
	<b>NG JOINER POL x POL (310)</b>	934122	1/2"	10	€7.17
		934133	3/4"	10	€8.18
		934144	1"	5	€16.64
		934155	1 1/4"	1	€26.28
		934166	1 1/2"	1	€37.07
		934177	2"	1	€52.95
	<b>NG REDUCING JOINER POL x POL (310)</b>	934132	3/4" x 1/2"	10	€12.17
		934142	1" x 1/2"	5	€20.56
		934143	1" x 3/4"	5	€20.56
		934153	1 1/4" x 3/4"	1	€31.05
		934154	1 1/4" x 1"	1	€31.05
		934163	1 1/2" x 3/4"	1	€51.11
		934164	1 1/2" x 1"	1	€51.11
		934165	1 1/2" x 1 1/4"	1	€51.11
		934174	2" x 1"	1	€67.10
		934175	2" x 1 1/4"	1	€67.10
		934176	2" x 1 1/2"	1	€67.10
	<b>NG END CONNECTOR POL x MI BSP (311)</b>	934221	1/2" x 1/2" BSP	10	€5.54
		934222	1/2" x 3/4" BSP	10	€5.54
		934223	1/2" x 1" BSP	10	€5.54
		934231	3/4" x 1/2" BSP	10	€6.92
		934232	3/4" x 3/4" BSP	10	€6.92
		934233	3/4" x 1" BSP	10	€9.99
		934242	1" x 3/4" BSP	5	€10.77
		934243	1" x 1" BSP	5	€10.77
		934244	1" x 1 1/4" BSP	5	€10.78
		934245	1" x 1 1/2" BSP	5	€10.78
		934253	1 1/4" x 1" BSP	1	€19.51
		934254	1 1/4" x 1 1/4" BSP	1	€19.51
		934255	1 1/4" x 1 1/2" BSP	1	€19.51
		934256	1 1/4" x 2" BSP	1	€19.51
		934265	1 1/2" x 1 1/2" BSP	1	€24.52
		934266	1 1/2" x 2" BSP	1	€24.52
		934275	2" x 1 1/2" BSP	1	€33.43
		934276	2" x 2" BSP	1	€33.43
	<b>NG END CONNECTOR POL x FI BSP (312)</b>	934821	1/2" x 1/2" BSP	10	€7.06
		934822	1/2" x 3/4" BSP	10	€7.18
		934823	1/2" x 1" BSP	10	€7.17
		934831	3/4" x 1/2" BSP	10	€7.78
		934832	3/4" x 3/4" BSP	10	€7.78
		934833	3/4" x 1" BSP	10	€7.78
		934842	1" x 3/4" BSP	5	€10.28
		934843	1" x 1" BSP	5	€10.28
		934844	1" x 1 1/4" BSP	5	€10.28
		934854	1 1/4" x 1 1/4" BSP	1	€22.36
		934855	1 1/4" x 1 1/2" BSP	1	€22.37
		934865	1 1/2" x 1 1/2" BSP	1	€28.29
		934866	1 1/2" x 2" BSP	1	€28.29
		934876	2" x 2" BSP	1	€38.47

Please note that all Philmac product prices are **INCLUSIVE** of VAT at 23% and refer to individual units only

 **NG Pipe Liners MUST always be used - please see page 144 for these items** 

	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE
	<b>NG TEE - EQUAL POL x POL (318)</b>	934322	1/2"	10	€11.48
		934333	3/4"	5	€16.22
		934344	1"	5	€24.37
		934355	1 1/4"	1	€44.01
		934366	1 1/2"	1	€52.13
		934377	2"	1	€75.97
	<b>NG TEE - REDUCING POL x POL (318)</b>	934332	3/4" x 3/4" x 1/2"	5	€15.96
		934334	3/4" x 3/4" x 1"	5	€19.27
		934343	1" x 1" x 3/4"	5	€23.84
		934354	1 1/4" x 1 1/4" x 1"	1	€45.39
		934363	1 1/2" x 1 1/2" x 3/4"	1	€48.82
		934364	1 1/2" x 1 1/2" x 1"	1	€49.32
		934365	1 1/2" x 1 1/2" x 1 1/4"	1	€51.41
		934373	2" x 2" x 3/4"	1	€70.34
		934374	2" x 2" x 1"	1	€70.83
		934376	2" x 2" x 1 1/2"	1	€73.79
	<b>NG TEE POL x MI BSP</b>	934931	3/4" x 1/2" BSP	5	€12.62
		934932	3/4" x 3/4" BSP	5	€15.55
	<b>NG TEE POL x FI BSP (330)</b>	934421	1/2" x 1/2" BSP	10	€10.49
		934422	1/2" x 3/4" BSP	10	€13.77
		934431	3/4" x 1/2" BSP	5	€14.26
		934432	3/4" x 3/4" BSP	5	€14.26
		934433	3/4" x 1" BSP	5	€14.26
		934441	1" x 1/2" BSP	5	€21.67
		934442	1" x 3/4" BSP	5	€21.67
		934443	1" x 1" BSP	5	€21.67
		934444	1" x 1 1/4" BSP	5	€21.67
		934454	1 1/4" x 1 1/4" BSP	1	€34.55
		934455	1 1/4" x 1 1/2" BSP	1	€34.55
		934461	1 1/2" x 1/2" BSP	1	€45.50
		934462	1 1/2" x 3/4" BSP	1	€45.50
		934465	1 1/2" x 1 1/2" BSP	1	€45.50
	<b>NG END CAP (351)</b>	934466	1 1/2" x 2" BSP	1	€45.50
		934476	2" x 2" BSP	1	€61.69
		934029	1/2"	10	€5.89
		934039	3/4"	10	€7.94
		934049	1"	5	€10.49
		934059	1 1/4"	1	€20.85
		934069	1 1/2"	1	€25.54
		934079	2"	1	€36.11

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 **NG Pipe Liners MUST always be used - please see page 144 for these items** 



	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	<b>NG ELBOW POL x POL (315)</b>	934522	1/2"	10	€8.76
		934533	3/4"	10	€12.30
		934544	1"	5	€18.88
		934555	1 1/4"	1	€31.73
		934566	1 1/2"	1	€40.33
		934577	2"	1	€53.43
	<b>NG REDUCING ELBOW POL x POL (315)</b>	934532	3/4" x 1/2"	10	€12.07
	<b>NG ELBOW POL x FI BSP (317)</b>	934621	1/2" x 1/2" BSP	10	€7.01
		934622	1/2" x 3/4" BSP	10	€8.31
		934631	3/4" x 1/2" BSP	10	€9.35
		934632	3/4" x 3/4" BSP	10	€9.35
		934633	3/4" x 1" BSP	10	€9.35
		934642	1" x 3/4" BSP	5	€14.82
		934643	1" x 1" BSP	5	€14.81
		934644	1" x 1 1/4" BSP	5	€23.82
		934654	1 1/4" x 1 1/4" BSP	1	€25.90
		934655	1 1/4" x 1 1/2" BSP	1	€25.90
		934665	1 1/2" x 1 1/2" BSP	1	€32.04
		934666	1 1/2" x 2" BSP	1	€32.02
		934676	2" x 2" BSP	1	€41.96
	<b>NG ELBOW POL x MI BSP (316)</b>	934721	1/2" x 1/2" BSP	10	€8.29
		934732	3/4" x 3/4" BSP	10	€9.35
		934743	1" x 1" BSP	5	€14.77
	<b>NG WALL PLATE ELBOW PLASTIC (321)</b>	934022	1/2" x 1/2" BSP	10	€12.50
		934031	3/4" x 1/2" BSP	10	€15.72
		934032	3/4" x 3/4" BSP	10	€15.72
	<b>NG WALL PLATE ELBOW BRASS (321)</b>	9340226	1/2" x 1/2" BSP	5	€19.84
		9340326	3/4" x 3/4" BSP	5	€26.45
	<b>NG TANK CONNECTOR ASSEMBLY C/W Seal Washers (350)</b>	934780	3/4" x 3/4" BSP	10	€11.65
		934781	1" x 1" BSP	5	€15.30

Please note that all Philmac product prices are **INCLUSIVE** of VAT at 23% and refer to individual units only

**NG Pipe Liners MUST always be used - please see page 144 for these items**

	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	<b>NG REDUCING SET</b>	93132	3/4" x 1/2"	10	€5.56
		93142	1" x 1/2"	10	€7.68
		93143	1" x 3/4"	10	€6.66
	<b>METRIC/ IMPERIAL REDUCING SET</b>	98032	25mm / 3/4" x 20mm / 1/2"	10	€3.93
		98042	32mm / 1" x 20mm / 1/2"	10	€5.61
		98043	32mm / 1" x 25mm / 3/4"	10	€5.61
		98063	50mm / 1 1/2" x 25mm / 3/4"	5	€11.72
		98064	50mm / 1 1/2" x 32mm / 1"	5	€11.72
		98073	63mm / 2" x 25mm / 3/4"	5	€17.59
		98074	63mm / 2" x 32mm / 1"	5	€17.59
		98076	63mm / 2" x 50mm / 1 1/2"	5	€17.59
	<b>ADAPTOR COMP x FI</b>	99417750	2" x 1 1/2" BSP	1	€7.84
	• For use in a 2" compression fitting to convert to 1 1/2" female BSP				
	<b>METRIC/ IMPERIAL/NG BLANKING PLUG</b>	9128	20mm / 1/2"	10	€1.89
		9138	25mm / 3/4"	10	€2.48
		9148	32mm / 1"	5	€2.78
		9158	40mm / 1 1/4"	5	€4.82
		9168	50mm / 1 1/2"	5	€5.80
		9178	63mm / 2"	5	€9.11
	<b>NG LINER</b>	434122	1/2"	10	€0.23
		434133	3/4"	10	€0.36
		434144	1"	10	€0.89
		434155	1 1/4"	5	€1.69
		434166	1 1/2"	5	€2.15
	<b>METRIC LINER</b>	78002	20mm	10	€0.41
		78003L	25mm	10	€0.53
		78004L	32mm	10	€0.82
		78005	40mm	5	€3.05
		78006	50mm	5	€1.88
		78007	63mm	5	€2.27
	<b>IRISH COPPER CONNECTION KIT</b>	986002	20mm/1/2" x Copper/Pex 14.7mm & Copper 15mm	10	€4.85
	<b>NEW</b>				
	• For 1/2" Pex - a Pex liner must be used				
	• Only suitable for above ground				

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**NG Pipe Liners MUST always be used - please see above for these items**



## NORMAL GAUGE



- 1 Cut the pipe square.**  
**No need to prepare pipe end.** Chamfering or lubrication is not required.



- 2 Insert Red Liner in NG pipe.**  
**With NG pipe a liner must always be used.** Always ensure the nut is fully relaxed and two threads are showing before inserting the pipe.



- 3 Insert pipe into fitting.**  
Slide the pipe fully into the fitting to the point where the stop is felt.



- 4 Tighten the nut.**  
Tighten the nut by hand and then firmly with a wrench. The fitting is now fully installed.

## NORMAL GAUGE REDUCING KIT



- 1 Cut the pipe square.**  
**No need to prepare pipe end.** Chamfering or lubrication is not required.



- 2 Remove nut and Red NG kit.**



- 3 Insert appropriate Red NG reducing kit and reinstall nut.**



- 4 Insert Red Liner in NG pipe.**  
**With NG pipe a liner must always be used.** Always ensure the nut is fully relaxed and two threads are showing before inserting the pipe.



- 5 Insert pipe into fitting.**  
Slide the pipe fully into the fitting to the point where the stop is felt.



- 6 Tighten the nut.**  
Tighten the nut by hand and then firmly with a wrench. The fitting is now fully installed.



NG Pipe Liners **MUST** always be used - please see page 144 for these items



## CONVERTING NORMAL GAUGE TO METRIC



- 1 Remove nut and Red NG kit.**



- 2 Insert White Metric/Imperial kit and reinstall nut.**



- 3 Cut the pipe square.**  
**No need to prepare pipe end.** Chamfering or lubrication is not required.



- 4 Insert White Liner in MDPE pipe.**  
**With MDPE pipe a liner must always be used.**



- 5 Insert pipe into fitting.**  
Always ensure the nut is fully relaxed and two threads are showing before inserting the pipe.



- 6 Tighten the nut.**  
Tighten the nut by hand and then firmly with a wrench. The fitting is now fully installed.

## CONVERTING NORMAL GAUGE TO HEAVY GAUGE/IMPERIAL



- 1 Remove nut and Red NG kit.**



- 2 Insert White Metric/Imperial kit and reinstall nut.**



- 3 Cut the pipe square.**  
**No need to prepare pipe end.** Chamfering or lubrication is not required. No liner required.



- 4 Insert pipe into fitting.**  
Always ensure the nut is fully relaxed and two threads are showing before inserting the pipe.



- 5 Tighten the nut.**  
Tighten the nut by hand and then firmly with a wrench. The fitting is now fully installed.



SCAN ME

For More Info!



NG Pipe Liners **MUST** always be used - please see page 144 for these items







# Full Flow Ball Valves

- No flow restriction
- Install in any direction
- Frost resistant
- Strong and lightweight
- UV stabilised materials
- Compact design
- Robust construction

The Bigger the Pipe,  
the Bigger the Flow!



Available  
in sizes  
1/2" to 1"

	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	NG BALL VALVE POL x POL	994272	1/2"	5	€29.82
		994372	3/4"	5	€31.54
		994373	1"	5	€41.44
	BALL VALVE FI x FI BSP	55002	3/4" BSP	1	€29.64
		55003	1" BSP	1	€31.77
		55004	1 1/4" x 1 1/4" BSP	1	€41.27
		55005	1 1/2" x 1 1/2" BSP	1	€48.60
		55006	2" x 2" BSP	1	€62.23
	NG STOPCOCK POL x POL	912722	1/2"	5	€29.73
		912733	3/4"	5	€36.72
		912744	1"	2	€56.85
	NON RETURN VALVE FI x FI BSP	55022	3/4" BSP	1	€29.36
		55023	1" BSP	1	€31.09
		55024	1 1/4" BSP	1	€38.72
		55025	1 1/2" BSP	1	€46.01
		55026	2" BSP	1	€62.68
	AIR RELEASE VALVE FI BSP	55033	1" BSP	1	€41.72

## Ball Valve FI x FI BSP - 3/4" to 2" Available

### EASY ACTION

The handle is not only easy to operate but has a positive on/off action through 90°. It is ergonomically designed to enable easy gripping.

### ROBUST CONSTRUCTION

Built to withstand pressures up to 16 Bar and provide years of reliable operation.

### FROST RESISTANT

Proven performance in frost conditions.

### VISUAL INDICATOR

When in the closed position the blue handle is at 90° to the body and when in the open position it is in line with the body clearly indicating if the valve is open or closed.

### INSTALL IN ANY DIRECTION

To assist with installation Philmac ball valves can work in any direction and at any angle.

### QUALITY MATERIALS

High quality injection moulded plastic bodies and components plus NBR O-rings and stainless steel screws means years of reliable operation.









Please note that all Philmac product prices are **INCLUSIVE** of VAT at 23% and refer to individual units only






NG Pipe Liners **MUST** always be used - please see page 144 for these items














	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	SPARE NUT	489122	20mm / 1/2"	1	€1.63
		489133	25mm / 3/4"	1	€1.86
		489144	32mm / 1"	1	€2.76
		489155	40mm / 1 1/4"	1	€3.43
		489166	50mm / 1 1/2"	1	€4.30
		489177	63mm / 2"	1	€5.77
	NG CONNECTION KIT	93002	1/2"	10	€1.38
		93003	3/4"	10	€1.62
		93004	1"	10	€1.96
		93005	1 1/4"	5	€4.26
		93006	1 1/2"	5	€5.29
		93007	2"	5	€8.00
					
93002	93003	93004	93005	93006	93007
1/2"	3/4"	1"	1 - 1/4"	1 - 1/2"	2"
3 part	2 part	3 part	4 part	4 part	2 part
Body liner, seal & collet	Seal & collet	Seal, collet & cap	Body liner, seal, collet & cap	Body liner, seal, collet & cap	Seal & collet

	M-I CONNECTION KIT	99002	20mm / 1/2"	20	€1.38
		99003	25mm / 3/4"	20	€1.62
		99004	32mm / 1"	10	€1.96
		99005	40mm / 1 1/4"	5	€4.26
		99006	50mm / 1 1/2"	5	€5.29
		99007	63mm / 2"	5	€8.00
	METRIC PVC CONNECTION KIT (SEAL, SS RING & COLLET) FOR RIGID PVC PIPES	942021	20mm	10	€6.72
		942031	25mm	10	€7.06
		942041	32mm	10	€8.32
		942051	40mm	1	€11.76
		942061	50mm	1	€14.80
		942071	63mm	1	€19.53
	IMPERIAL PVC CONNECTION KIT (SEAL, SS RING & COLLET) FOR RIGID PVC PIPES	944021	1/2"	10	€6.72
		944031	3/4"	10	€7.06
		944041	1"	10	€8.32
		944051	1 1/4"	1	€11.76
		944061	1 1/2"	1	€19.61
		944071	2"	1	€24.15

Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only

⚠ NG Pipe Liners MUST always be used - please see page 144 for these items ⚠

	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	ARCTIC BIB TAP	VBA72	1/2" -20°C to +75°C	5	Page 197
		VBA73	3/4" -20°C to +75°C	5	Page 197
	FREEZE RESISTANT TAP	FR72	1/2" Freeze Resistant Tap	10	Page 25
		MBH32	-20°C to +80°C Nylon Mobile Bib Tap Hose Connection	5	Page 25
	DOUBLE OUTLET BIB TAP* *Supplied with hanging card	VBD72C	1/2"	1	Page 25
	HEAVY DUTY PIPE CUTTER - V BLADE	MTC0732	Up to 32mm	1	Page 44
		MTC0764	Up to 64mm	1	Page 44
	PIPE CUTTER	1768	Up to 36mm	10	Page 44
		1769	Up to 42mm	10	Page 44
	Y-SPANNER	7024P	Y-Spanner 1/2"- 1" (20mm - 32mm) Plastic	5	€4.23
		7024Y	Y-Spanner 1/2"- 1" (20mm - 32mm) Metal	1	€17.85
	C-SPANNER	7024	C-Spanner 1/2"- 1" (20mm - 32mm) Metal	1	€17.85
		7047	C-Spanner 32mm - 63mm Metal	1	€21.83
	KEY TO FITTING HOOK	UD092	40 - 63mm	1	Page 183
		UD093	75 - 110mm	1	Page 183
	SQUEEZE OFF TOOL NEW	SOU12	Pocket Squeeze Off 20-42mm	1	Page 45
		SOU13	Squeeze Off Unit 20-63mm - with Retaining Chain	1	Page 45

Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only

⚠ NG Pipe Liners MUST always be used - please see page 144 for these items ⚠





EASYPHIL BALLCOCK						
CODE	SIZE	TAIL	ARM	JET	QTY	PRICE
300200	1/2"	1 1/2"	10"	5.4mm	1	€24.37
300300	1/2"	1 1/2"	8"	5.4mm	1	€21.15
300400	1/2"	1 1/2"	5"	5.4mm	1	€18.40
300230	3/4"	1 1/2"	10"	7mm	1	€25.59
300320	3/4"	1 1/2"	8"	7mm	1	€22.45
300420	3/4"	1 1/2"	5"	7mm	1	€19.36



NEW



CAN BE CUT TO 3" OR 4" LENGTH

3

CONCRETE TROUGH KIT - Supplied With Hanging Card				
CODE	1 BALLCOCK	2 TANK CONNECTOR	3 FLOAT	PRICE
EPKIT08	3/4" BSP, 1 1/2" Tail 8" Arm	3/4" x 5" M x F	5 1/2"	€39.74
EPKIT10	3/4" BSP, 1 1/2" Tail 10" Arm	3/4" x 5" M x F	5 1/2"	€41.33

JET FLOW RATES	1/2" EasyPhil**	3/4" EasyPhil**
JET SIZE	5.4mm	7mm
Litre Per Min @ 3 BAR	26	43

\*\*Please note jets for the EasyPhil are not interchangeable








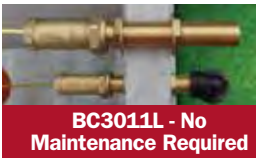
RXP BALLCOCK - With Lock Nut					
CODE	SIZE	TAIL	ARM	QTY	PRICE
RXPTV20L	3/4"	1 3/4"	12"	1	€34.38
RXPTV20LSA	3/4"	1 3/4"	7"	1	€29.13



RXP BALLCOCK - Without Lock Nut					
CODE	SIZE	TAIL	ARM	QTY	PRICE
RXPTV20	3/4"	1"	12"	1	€34.38
RXPTV20SA	3/4"	1"	7"	1	€26.23

The Bigger the Pipe  
The Bigger the Flow!

DESCRIPTION	CODE	SIZE	TAIL	ARM	JET (mm)	ARM THREAD	LPM@ 3BAR	PRICE EACH
 WORKS AS A SIDE OR BOTTOM ENTRY	AQ400P	-	3/4"	-	-	-	100	€45.42
	AQ900	-	3/4"	-	-	-	-	€20.11
	RX TV.CN	-	-	-	-	-	-	€6.77
	BC1001	1/2"	2"	9"	3.2	-	9.7	Page 27
	BC2001	1/2"	3"	6"	3.2	-	9.7	Page 27
	BC2002	1/2"	3"	6"	9.5	-	75.5	Page 27
	BC2321	1/2"	2"	9"	9.5	-	75.5	Page 27
	BC2241	1/2"	4"	9"	6	5/16"	33	Page 27
	BC2251	1/2"	5"	9"	6	5/16"	33	Page 27
	BC3011L	3/4"	5"	13"	7.8	5/16"	45.5	Page 27



SIZES UP TO 2" AVAILABLE



3/4" **Hi-Flo** BALLCOCK

NEW


BC3105	3/4"	5"	10"	10	5/16"	72	Page 28
BC3135	3/4"	5"	13"	10	5/16"	72	Page 28



CAN BE CUT TO 3" OR 4" LENGTH

EXTENDED PLASTIC TANK CONNECTOR

91470004	3/4" x 5" M x F	-	-	-	-	-	€12.58
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DESCRIPTION	CODE	SIZE	TAIL	ARM	HP JET DIAMTR.	LP JET DIAMTR.	ARM THREAD	PRICE
 NEW	903223	1"	1 1/8"	16"	19mm	-	1/2" BSW	€169.49
	903224	1 1/4"	1 3/16"	16"	19mm	-	1/2" BSW	€195.57
	903225	1 1/2"	1 3/16"	16"	18mm	37mm	1/2" BSW	€228.17
	903226	2"	1 3/8"	16"	22mm	43mm	1/2" BSW	€254.24



MEGAPHIL FLOAT

NEW

904899	9"	-	-	-	-	-	1/2" BSW	€28.68
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Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only



	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	<b>METRIC/ IMPERIAL JOINER POL x POL (310)</b>	9122	20mm / ½"	10	€7.17
		9133	25mm / ¾"	10	€8.18
		9144	32mm / 1"	5	€16.64
		9155	40mm / 1¼"	1	€26.29
		9166	50mm / 1½"	1	€37.08
		9177	63mm / 2"	1	€52.95
	<b>METRIC/ IMPERIAL SLIP JOINER POL x POL (310)</b>	90122	20mm / ½"	1	€7.83
		90133	25mm / ¾"	1	€8.73
		90144	32mm / 1"	1	€18.01
		90155	40mm / 1¼"	1	€29.98
		90166	50mm / 1½"	1	€41.65
		90177	63mm / 2"	1	€62.70
	<b>METRIC/ IMPERIAL REDUCING JOINER POL x POL (310)</b>	9132	25mm / ¾" x 20mm / ½"	10	€12.17
		9142	32mm / 1" x 20mm / ½"	10	€20.56
		9143	32mm / 1" x 25mm / ¾"	10	€20.56
		9153	40mm / 1¼" x 25mm / ¾"	5	€31.05
		9154	40mm / 1¼" x 32mm / 1"	5	€31.05
		9163	50mm / 1½" x 25mm / ¾"	1	€51.11
		9164	50mm / 1½" x 32mm / 1"	1	€51.11
		9165	50mm / 1½" x 40mm / 1¼"	1	€51.11
		9174	63mm / 2" x 32mm / 1"	1	€67.10
		9175	63mm / 2" x 40mm / 1¼"	1	€67.10
		9176	63mm / 2" x 50mm / 1½"	1	€67.10
		9221	20mm / ½" x ½" BSP	10	€5.55
		9222	20mm / ½" x ¾" BSP	10	€5.55
		9223	20mm / ½" x 1" BSP	10	€5.55
	<b>METRIC/ IMPERIAL END CONNECTOR POL x MI BSP (311)</b>	9231	25mm / ¾" x ½" BSP	10	€6.93
		9232	25mm / ¾" x ¾" BSP	10	€6.93
		9233	25mm / ¾" x 1" BSP	10	€9.99
		9242	32mm / 1" x ¾" BSP	5	€10.78
		9243	32mm / 1" x 1" BSP	5	€10.78
		9244	32mm / 1" x 1¼" BSP	5	€10.78
		9245	32mm / 1" x 1½" BSP	5	€10.78
		9253	40mm / 1¼" x 1" BSP	1	€19.51
		9254	40mm / 1¼" x 1¼" BSP	1	€19.51
		9255	40mm / 1¼" x 1½" BSP	1	€19.51
		9256	40mm / 1¼" x 2" BSP	1	€19.51
		9265	50mm / 1½" x 1½" BSP	1	€24.52
		9266	50mm / 1½" x 2" BSP	1	€24.52
		9275	63mm / 2" x 1½" BSP	1	€33.43
		9276	63mm / 2" x 2" BSP	1	€33.43

- No internal pipe stop
- Ideal flexibility for repair or retrofit
- Immediate, hassle-free pipe coupling



1 Cut pipe at leak. Mark pipe sections at width of joiner.



2 Insert pipe liners in pipe and slide joiner onto pipe over leak.



3 Position joiner so it is level with markings.



4 Tighten both nuts with a wrench.



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MDPE pipe requires liners for WRAS approval - please see page 161 for these items

	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	<b>METRIC/ IMPERIAL END CONNECTOR POL x FI BSP (312)</b>	9821	20mm / ½" x ½" BSP	10	€7.06
		9822	20mm / ½" x ¾" BSP	10	€7.17
		9823	20mm / ½" x 1" BSP	10	€7.17
		9831	25mm / ¾" x ½" BSP	10	€7.78
		9832	25mm / ¾" x ¾" BSP	10	€7.78
		9833	25mm / ¾" x 1" BSP	10	€7.78
		9842	32mm / 1" x ¾" BSP	5	€10.28
		9843	32mm / 1" x 1" BSP	5	€10.28
		9844	32mm / 1" x 1¼" BSP	5	€10.28
		9854	40mm / 1¼" x 1¼" BSP	1	€22.37
		9855	40mm / 1¼" x 1½" BSP	1	€22.37
		9865	50mm / 1½" x 1½" BSP	1	€28.28
		9866	50mm / 1½" x 2" BSP	1	€28.28
		9876	63mm / 2" x 2" BSP	1	€38.47
	<b>METRIC/ IMPERIAL TEE - EQUAL POL x POL (318)</b>	9322	20mm / ½"	10	€11.47
		9333	25mm / ¾"	5	€16.22
		9344	32mm / 1"	5	€24.37
		9355	40mm / 1¼"	1	€44.01
		9366	50mm / 1½"	1	€52.13
		9377	63mm / 2"	1	€75.97
	<b>METRIC/ IMPERIAL SLIP TEE (318)</b>	90322	20mm / ½"	1	€14.00
		90333	25mm / ¾"	5	€21.02
		90344	32mm / 1"	1	€25.97
		90366	50mm / 1½"	1	€57.76
		90377	63mm / 2"	1	€88.64
<div>SEE OPPOSITE PAGE FOR FITTING INSTRUCTIONS</div>					
	<b>METRIC/ IMPERIAL TEE - REDUCING POL x POL (318)</b>	9332	25mm/¾" x 25mm/¾" x 20mm/½"	5	€15.96
		9334	25mm/¾" x 25mm/¾" x 32mm/1"	5	€19.27
		9343	32mm/1" x 32mm/1" x 25mm/¾"	5	€23.85
		9354	40mm/1¼" x 40mm/1¼" x 32mm/1"	1	€45.39
		9363	50mm/1½" x 50mm/1½" x 25mm/¾"	1	€48.81
		9364	50mm/1½" x 50mm/1½" x 32mm/1"	1	€49.32
		9365	50mm/1½" x 50mm/1½" x 40mm/1¼"	1	€51.40
		9373	63mm/2" x 63mm/2" x 25mm/¾"	1	€70.34
		9374	63mm/2" x 63mm/2" x 32mm/1"	1	€70.83
		9376	63mm/2" x 63mm/2" x 50mm/1½"	1	€73.79
	<b>METRIC/ IMPERIAL TEE POL x MI BSP</b>	9931	25mm / ¾" x ½" BSP	5	€12.62
		9932	25mm / ¾" x ¾" BSP	5	€15.55

**WRAS**  
APPROVED PRODUCT

- No internal pipe stop
- Ideal flexibility for repair or retrofit
- Immediate, hassle-free pipe coupling



Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only

MDPE pipe requires liners for WRAS approval - please see page 161 for these items



	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	<b>METRIC/ IMPERIAL TEE POL x FI BSP (330)</b>	9421	20mm / ½" x ½" BSP	10	€10.49
		9422	20mm / ½" x ¾" BSP	10	€13.77
		9431	25mm / ¾" x ½" BSP	5	€14.26
		9432	25mm / ¾" x ¾" BSP	5	€14.26
		9433	25mm / ¾" x 1" BSP	5	€14.26
		9441	32mm / 1" x ½" BSP	5	€21.67
		9442	32mm / 1" x ¾" BSP	5	€21.67
		9443	32mm / 1" x 1" BSP	5	€21.67
		9444	32mm / 1" x 1¼" BSP	5	€21.67
		9454	40mm / 1¼" x 1¼" BSP	1	€34.54
		9455	40mm / 1¼" x 1½" BSP	1	€34.54
		9461	50mm / 1½" x ½" BSP	1	€45.50
		9462	50mm / 1½" x ¾" BSP	1	€45.50
		9465	50mm / 1½" x 1½" BSP	1	€45.50
		9466	50mm / 1½" x 2" BSP	1	€45.50
		9476	63mm / 2" x 2" BSP	1	€61.68
	<b>METRIC/ IMPERIAL ELBOW POL x POL (315)</b>	9522	20mm / ½"	10	€8.76
		9533	25mm / ¾"	10	€12.30
		9544	32mm / 1"	5	€18.88
		9555	40mm / 1¼"	1	€31.72
		9566	50mm / 1½"	1	€40.33
		9577	63mm / 2"	1	€53.43
	<b>METRIC/ IMPERIAL REDUCING ELBOW POL x POL (315)</b>	9532	25mm / ¾" x 20mm / ½"	10	€12.07
	<b>METRIC/ IMPERIAL ELBOW POL x FI BSP (317)</b>	9621	20mm / ½" x ½" BSP	10	€7.00
		9622	20mm / ½" x ¾" BSP	10	€8.31
		9631	25mm / ¾" x ½" BSP	10	€9.34
		9632	25mm / ¾" x ¾" BSP	10	€9.34
		9633	25mm / ¾" x 1" BSP	10	€9.34
		9642	32mm / 1" x ¾" BSP	5	€14.81
		9643	32mm / 1" x 1" BSP	5	€14.81
		9644	32mm / 1" x 1¼" BSP	5	€23.82
		9654	40mm / 1¼" x 1¼" BSP	1	€25.90
		9655	40mm / 1¼" x 1½" BSP	1	€25.90
		9665	50mm / 1½" x 1½" BSP	1	€32.04
		9666	50mm / 1½" x 2" BSP	1	€32.04
		9676	63mm / 2" x 2" BSP	1	€41.96
	<b>METRIC/ IMPERIAL ELBOW POL x MI BSP (316)</b>	9721	20mm / ½" x ½" BSP	10	€8.29
		9732	25mm / ¾" x ¾" BSP	10	€9.35
		9743	32mm / 1" x 1" BSP	5	€14.77



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MDPE pipe requires liners for WRAS approval - please see page 161 for these items

	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	<b>METRIC/ IMPERIAL END CAP (351)</b>	9029	20mm / ½"	10	€5.90
		9039	25mm / ¾"	10	€7.93
		9049	32mm / 1"	5	€10.49
		9059	40mm / 1¼"	1	€20.86
		9069	50mm / 1½"	1	€25.53
		9079	63mm / 2"	1	€36.11
	<b>METRIC/ IMPERIAL WALL PLATE ELBOW BRASS (321)</b>	90226	20mm / ½" x ½" BSP	5	€19.84
		90326	25mm / ¾" x ¾" BSP	5	€26.46
	<b>MI WALL PLATE ELBOW PLASTIC (321)</b>	9022	½" x ½" BSP	5	€12.50
		9032	¾" x ¾" BSP	5	€15.72
		9031	¾" x ½" BSP	5	€14.83
	<b>FLANGE ADAPTOR FLANGE TO BS 4504</b>	87766	50mm / 1½" x 2"	1	€173.75
		87776	63mm / 2" x 2"	1	€186.27
	OTHER SIZES AVAILABLE				
	<b>METRIC/ IMPERIAL TANK CONNECTOR ASSEMBLY C/W Seal Washers (350)</b>	9780	¾" x ¾" BSP	10	€11.65
		9781	1" x 1" BSP	5	€15.31
	<b>METRIC SADDLE</b>	90635	50mm x 25mm / ¾"	1	€32.13
		90735	63mm x 25mm / ¾"	1	€33.07



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MDPE pipe requires liners for WRAS approval - please see page 161 for these items



## METRIC



- 1 Cut the pipe square.**  
**No need to prepare pipe end.** Chamfering or lubrication is not required.



- 2 Insert White Liner in MDPE pipe.**  
**With MDPE pipe a liner must always be used.**



- 3 Insert pipe into fitting.**  
Always ensure the nut is fully relaxed and two threads are showing before inserting the pipe.



- 4 Tighten the nut.**  
Tighten the nut by hand and then firmly with a wrench. The fitting is now fully installed.



## METRIC REDUCING KIT



- 1 Cut the pipe square.**  
**No need to prepare pipe end.** Chamfering or lubrication is not required.



- 2 Remove nut and White Metric/Imperial kit.**



- 3 Insert appropriate White Metric/Imperial reducing kit and reinstall nut.**



- 4 Insert White Liner in Metric/Imperial pipe.**  
**With Metric/Imperial pipe a liner must always be used.** Always ensure the nut is fully relaxed and two threads are showing before inserting the pipe.



- 5 Insert pipe into fitting.**  
Slide the pipe fully into the fitting to the point where the stop is felt.



- 6 Tighten the nut.**  
Tighten the nut by hand and then firmly with a wrench. The fitting is now fully installed.

MDPE pipe requires liners for WRAS approval - please see page 161 for these items

## CONVERTING METRIC/IMPERIAL TO NORMAL GAUGE



- 1 Remove nut and White Metric/Imperial kit.**



- 2 Insert Red NG kit and reinstall nut.**



- 3 Cut the pipe square.**  
**No need to prepare pipe end.** Chamfering or lubrication is not required.



- 4 Insert Red Liner in NG pipe.**  
**With NG pipe a liner must always be used.**



- 5 Insert pipe into fitting.**  
Always ensure the nut is fully relaxed and two threads are showing before inserting the pipe.



- 6 Tighten the nut.**  
Tighten the nut by hand and then firmly with a wrench. The fitting is now fully installed.



MDPE pipe requires liners for WRAS approval - please see page 161 for these items





# Full Flow Ball Valves

- No flow restriction
- Install in any direction
- Frost resistant
- Strong and lightweight
- UV stabilised materials
- Compact design
- Robust construction

The Bigger the Pipe,  
the Bigger the Flow!



Available  
in sizes  
1/2" to 1"

	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	METRIC/ IMPERIAL BALL VALVE POL x POL	95272	20mm / 1/2"	1	€29.82
		95372	25mm / 3/4"	1	€31.54
		95373	32mm / 1"	1	€41.44
	BALL VALVE FI x FI BSP	55002	3/4" BSP	1	€29.64
		55003	1" BSP	1	€31.77
		55004	1 1/4" BSP	1	€41.27
		55005	1 1/2" BSP	1	€48.60
		55006	2" BSP	1	€62.23
	METRIC/ IMPERIAL STOPCOCK POL x POL	2822	20mm / 1/2"	5	€29.74
		2833	25mm / 3/4"	5	€36.72
		2844	32mm / 1"	2	€56.85
	METRIC/ IMPERIAL STOPCOCK POL x FI BSP	2831	25mm / 3/4" x 1/2"	5	€36.72
		2832	25mm / 3/4" x 3/4"	5	€36.72
		2842	32mm / 1" x 3/4"	2	€58.56
		2843	32mm / 1" x 1"	2	€56.85
	NON RETURN VALVE FI x FI BSP	55022	3/4" BSP	1	€29.36
		55023	1" BSP	1	€31.09
		55024	1 1/4" BSP	1	€38.72
		55025	1 1/2" BSP	1	€46.01
		55026	2" BSP	1	€62.68
	AIR RELEASE VALVE FI BSP	55033	1" BSP	1	€41.72

Ball Valve FI x FI BSP  
- 3/4" to 2" Available

EASY ACTION

The handle is not only easy to operate but has a positive on/off action through 90°. It is ergonomically designed to enable easy gripping.

ROBUST CONSTRUCTION

Built to withstand pressures up to 16 Bar and provide years of reliable operation.

FROST RESISTANT

Proven performance in frost conditions.



VISUAL INDICATOR

When in the closed position the blue handle is at 90° to the body and when in the open position it is in line with the body clearly indicating if the valve is open or closed.

INSTALL IN ANY DIRECTION

To assist with installation Philmac ball valves can work in any direction and at any angle.

QUALITY MATERIALS

High quality injection moulded plastic bodies and components plus NBR O-rings and stainless steel screws means years of reliable operation.

Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only

 MDPE pipe requires liners for WRAS approval - please see page 161 for these items 



	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	SPARE NUT	489122	20mm / 1/2"	1	€1.63
		489133	25mm / 3/4"	1	€1.86
		489144	32mm / 1"	1	€2.76
		489155	40mm / 1 1/4"	1	€3.43
		489166	50mm / 1 1/2"	1	€4.30
		489177	63mm / 2"	1	€5.77
	BLANKING PLUG	9128	20mm / 1/2"	10	€1.89
		9138	25mm / 3/4"	10	€2.48
		9148	32mm / 1"	5	€2.78
		9158	40mm / 1 1/4"	5	€4.82
		9168	50mm / 1 1/2"	5	€5.80
		9178	63mm / 2"	5	€9.11
	ADAPTOR COMP x FI	99417750	2" x 1 1/2" BSP	1	€7.84
		<ul style="list-style-type: none"> <li>For use in a 2" compression fitting to convert to 1 1/2" female BSP</li> </ul>			
	MDPE LINER	78002	20mm	10	€0.41
		78003L	25mm	10	€0.53
		78004L	32mm	10	€0.82
		78005	40mm	5	€3.05
		78006	50mm	5	€1.88
		78007	63mm	5	€2.27
	NG LINER	434122	1/2"	10	€0.23
		434133	3/4"	10	€0.36
		434144	1"	10	€0.89
		434155	1 1/4"	5	€1.69
		434166	1 1/2"	5	€2.15
	NG CONNECTION KIT	93002	1/2"	10	€1.38
		93003	3/4"	10	€1.62
		93004	1"	10	€1.96
		93005	1 1/4"	5	€4.26
		93006	1 1/2"	5	€5.29
		93007	2"	5	€8.00

93002	93003	93004	93005	93006	93007
1/2"	3/4"	1"	1 - 1/4"	1 - 1/2"	2"
3 part	2 part	3 part	4 part	4 part	2 part
Body liner, seal & collet	Seal & collet	Seal, collet & cap	Body liner, seal, collet & cap	Body liner, seal, collet & cap	Seal & collet

Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only

MDPE pipe requires liners for WRAS approval - please see above for these items

	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	NG REDUCING SET	93132	3/4" x 1/2"	10	€5.56
		93142	1" x 1/2"	10	€7.68
		93143	1" x 3/4"	10	€6.66
	METRIC/IMPERIAL REDUCING SET	98032	25mm / 3/4" x 20mm / 1/2"	20	€3.93
		98042	32mm / 1" x 20mm / 1/2"	10	€5.61
		98043	32mm / 1" x 25mm / 3/4"	10	€5.61
		98063	50mm / 1 1/2" x 25mm / 3/4"	5	€11.72
		98064	50mm / 1 1/2" x 32mm / 1"	5	€11.72
		98073	63mm / 2" x 25mm / 3/4"	5	€17.59
		98074	63mm / 2" x 32mm / 1"	5	€17.59
		98076	63mm / 2" x 50mm / 1 1/2"	5	€17.59
	IRISH COPPER CONNECTION KIT	986002	20mm/1/2" x Copper/Pex 14.7mm & Copper 15mm	10	€4.85
		<ul style="list-style-type: none"> <li>For 1/2" Pex - a Pex liner must be used</li> <li>Only suitable for above ground</li> </ul>			
	METRIC/IMPERIAL CONNECTION KIT	99002	20mm / 1/2"	20	€1.38
		99003	25mm / 3/4"	20	€1.62
		99004	32mm / 1"	10	€1.96
		99005	40mm / 1 1/4"	5	€4.26
		99006	50mm / 1 1/2"	5	€5.29
		99007	63mm / 2"	5	€8.00
	METRIC PVC CONNECTION KIT (SEAL, SS RING & COLLET)	942021	20mm	10	€6.72
		942031	25mm	10	€7.06
		942041	32mm	10	€8.32
		942051	40mm	1	€11.76
		942061	50mm	1	€14.80
		942071	63mm	1	€19.53
	IMPERIAL PVC CONNECTION KIT (SEAL, SS RING & COLLET)	944021	1/2"	10	€6.72
		944031	3/4"	10	€7.06
		944041	1"	10	€8.32
		944051	1 1/4"	1	€11.76
		944061	1 1/2"	1	€19.61
		(Includes Nut)			
		944071	2"	1	€24.15
		(Includes Nut)			
	ARCTIC BIB TAP	VBA72	1/2" -20°C to +75°C	5	Page 197
		VBA73	3/4" -20°C to +75°C	5	Page 197

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MDPE pipe requires liners for WRAS approval - please see page 161 for these items







EASYPHIL BALLCOCK						
CODE	SIZE	TAIL	ARM	JET	QTY	PRICE
300200	1/2"	1 1/2"	10"	5.4mm	1	€24.37
300300	1/2"	1 1/2"	8"	5.4mm	1	€21.15
300400	1/2"	1 1/2"	5"	5.4mm	1	€18.40
300230	3/4"	1 1/2"	10"	7mm	1	€25.59
300320	3/4"	1 1/2"	8"	7mm	1	€22.45
300420	3/4"	1 1/2"	5"	7mm	1	€19.36



CONCRETE TROUGH KIT - Supplied With Hanging Card				
CODE	1 BALLCOCK	2 TANK CONNECTOR	3 FLOAT	PRICE
EPKIT08	3/4" BSP, 1 1/2" Tail 8" Arm	3/4" x 5" M x F	5 1/2"	€39.74
EPKIT10	3/4" BSP, 1 1/2" Tail 10" Arm	3/4" x 5" M x F	5 1/2"	€41.33

JET FLOW RATES	1/2" EasyPhil™	3/4" EasyPhil™
JET SIZE	5.4mm	7mm
Litre Per Min @ 3 BAR	26	43

\*\*Please note jets for the EasyPhil are not interchangeable








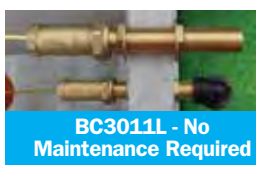
RXP BALLCOCK - With Lock Nut					
CODE	SIZE	TAIL	ARM	QTY	PRICE
RXPTV20L	3/4"	1 3/4"	12"	1	€34.38
RXPTV20LSA	3/4"	1 3/4"	7"	1	€29.13




RXP BALLCOCK - Without Lock Nut					
CODE	SIZE	TAIL	ARM	QTY	PRICE
RXPTV20	3/4"	1"	12"	1	€34.38
RXPTV20SA	3/4"	1"	7"	1	€26.23

The Bigger the Pipe  
The Bigger the Flow!

DESCRIPTION	CODE	SIZE	TAIL	ARM	JET (mm)	ARM THREAD	LPM@ 3BAR	PRICE EACH
 WORKS AS A SIDE OR BOTTOM ENTRY	AQ400P	-	3/4"	-	-	-	100	€45.42
	AQ900	-	3/4"	-	-	-	-	€18.97
	RX TV.CN	-	-	-	-	-	-	€6.77
	BC1001	1/2"	2"	9"	3.2	-	9.7	Page 27
	BC2001	1/2"	3"	6"	3.2	-	9.7	Page 27
	BC2002	1/2"	3"	6"	9.5	-	75.5	Page 27
	BC2321	1/2"	2"	9"	9.5	-	75.5	Page 27
	BC2241	1/2"	4"	9"	6	5/16"	33	Page 27
	BC2251	1/2"	5"	9"	6	5/16"	33	Page 27
	BC3011L	3/4"	5"	13"	7.8	5/16"	45.5	Page 27




	BC3011	3/4"	3"	13"	6.7	5/16"	41	Page 27
	BC3011S	3/4"	2"	13"	6.7	5/16"	41	Page 27



	BC3105	3/4"	5"	10"	10	5/16"	72	Page 28
	BC3135	3/4"	5"	13"	10	5/16"	72	Page 28



	91470004	3/4" x 5" M x F	-	-	-	-	-	€12.58
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DESCRIPTION	CODE	SIZE	TAIL	ARM	HP JET DIAMTR.	LP JET DIAMTR.	ARM THREAD	PRICE
 NEW	903223	1"	1 1/8"	16"	19mm	-	1/2" BSW	€169.49
	903224	1 1/4"	1 3/16"	16"	19mm	-	1/2" BSW	€195.57
	903225	1 1/2"	1 3/16"	16"	18mm	37mm	1/2" BSW	€228.17
	903226	2"	1 3/8"	16"	22mm	43mm	1/2" BSW	€254.24



 NEW	904899	9"	-	-	-	-	1/2" BSW	€28.68
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Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only



	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	<b>HEAVY DUTY PIPE CUTTER - V BLADE</b>	MTC0732	Up to 32mm	1	Page 44
		MTC0764	Up to 64mm	1	Page 44
	<b>PIPE CUTTER</b>	1768	Up to 36mm	10	Page 44
		1769	Up to 42mm	10	Page 44
	<b>Y-SPANNER</b>	7024P	Y-Spanner ½" - 1" (20mm - 32mm) Plastic	5	€4.23
		7024Y	Y-Spanner ½" - 1" (20mm - 32mm) Metal	1	€17.85
	<b>C-SPANNER</b>	7024	C-Spanner ½" - 1" (20mm - 32mm) Metal	1	€17.85
		7047	C-Spanner 32mm - 63mm Metal	1	€21.83
	<b>KEY TO FITTING HOOK</b>	UD092	40 - 63mm	1	Page 183
		UD093	75 - 110mm	1	Page 183
	<b>SQUEEZE OFF TOOL</b> 	SOU12	Pocket Squeeze Off 20-42mm	1	Page 45
		SOU13	Squeeze Off Unit 20-63mm - with Retaining Chain	1	Page 45

	METRIC/IMPERIAL NITRILE RUBBER SEAL		NORMAL GAUGE NBR RUBBER SEAL	
CHEMICAL	SATISFACTORY	NOT SATISFACTORY	SATISFACTORY	NOT SATISFACTORY
Acetone	●			●
Alcohol	●			●
Ammonium Hydroxide	●			●
Antifreeze	●		●	
Benzene		●		●
Butane		●	●	
Calcium Salts	●		●	
Caustic Soda (40% Aqueous)	●		●	
Chlorine		●		●
Citric Acid	●		●	
Copper Salts	●		●	
Cresol		●		●
Diesel		●	●	
Ethylene Alcohol	●			●
Ethyl Glycol	●		●	
Formic Acid	●			●
Gasoline		●	●	
Hydrochloric Acid		●		●
Kerosene		●	●	
Methane		●	●	
Methylene Chloride		●		●
Mineral Oils		●		●
Nitric Acid		●		●
Petroleum Oil		●	●	
Sewerage	●		●	
Sodium Cyanide	●		●	
Sulphuric Acid		●		●
Toluene		●		●
Turpentine		●		●
Transformer Oil		●		●
Zinc Salt Solution	●		●	

\*Chart Details Correct June 2021

Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only

 MDPE pipe requires liners for WRAS approval - please see page 161 for these items 



	OUTSIDE DIAMETER		WALL THICKNESS	
NORMAL GAUGE	BS1972/61 IRS 134			
NOMINAL SIZE	MIN	MAX	MIN	MAX
INCH	mm	mm	mm	mm
½	16.95	17.30	2.30	2.60
¾	24.95	25.40	3.10	3.50
1	31.25	31.75	3.10	3.50
1¼	37.50	38.10	3.10	3.50
1½	43.80	44.45	3.50	3.90
2	60.00	60.85	4.65	5.20

HEAVY GAUGE BS1972/61 IRS 135				
NOMINAL SIZE	MIN	MAX	MIN	MAX
INCH	mm	mm	mm	mm
½	20.70	21.10	4.30	4.85
¾	27.05	27.45	4.30	4.85
1	33.85	34.10	4.30	4.85
1¼	42.00	42.65	5.05	5.60
1½	47.95	48.65	5.35	5.90

MDPE to Water Industry Standard EN 12201, BS 6572 & BS 6730				
NOMINAL SIZE	MIN	MAX	MIN	MAX
mm	mm	mm	mm	mm
20	20	20.3	2.3	2.6
25	25	25.3	2.3	2.6
32	32	32.3	3.0	3.4
40	40	40.4	3.7	4.2
50	50	50.3	4.6	5.2
63	63	63.3	5.8	6.5

CLASS B HIGH DENSITY Polyethene Pipes to BS3284/67				
NOMINAL SIZE	MIN	MAX	MIN	MAX
INCH	mm	mm	mm	mm
½	21.2	21.5	-	-
¾	26.6	26.9	-	-
1	33.4	33.7	2.1	2.3
1¼	42.1	42.5	2.5	2.8
1½	48.1	48.5	2.8	3.1
2	60.1	60.6	3.5	3.9

	OUTSIDE DIAMETER		WALL THICKNESS	
CLASS C HIGH DENSITY (TYPE 50) Polyethene Pipes to BS3284/67				
NOMINAL SIZE	MIN	MAX	MIN	MAX
INCH	mm	mm	mm	mm
½	21.2	21.5	1.8	2.0
¾	26.6	26.9	2.3	2.6
1	33.4	33.7	2.8	3.1
1¼	42.1	42.5	3.6	4.0
1½	48.1	48.5	4.1	4.5
2	60.1	60.6	5.1	5.6
3	88.6	89.3	7.5	8.2
4	113.9	114.7	9.6	10.6

CLASS D HIGH DENSITY (TYPE 50) Polyethene Pipes to BS3284/67				
NOMINAL SIZE	MIN	MAX	MIN	MAX
INCH	mm	mm	mm	mm
⅜	17	17.3	1.9	2.1
½	21.2	21.5	2.3	2.6
¾	26.6	26.6	2.9	3.2
1	33.4	33.7	3.7	4.1
1¼	42.1	42.5	4.6	5.1
1½	48.1	48.5	5.3	5.8
2	60.1	60.6	6.6	7.3
3	88.6	89.3	9.7	10.7

CLASS C LOW DENSITY (TYPE 32) Polyethene Pipes to BS1972/67				
NOMINAL SIZE	MIN	MAX	MIN	MAX
INCH	mm	mm	mm	mm
⅜	17	17.3	2.2	2.5
½	21.2	21.5	2.7	3
¾	26.6	26.6	3.4	3.7
1	33.4	33.7	4.2	4.6
1¼	42.1	42.5	5.3	5.8
1½	48.1	48.5	6.1	6.7
2	60.1	60.6	7.6	8.4
3	88.6	89.3	11.2	12.3

CLASS D LOW DENSITY (TYPE 32) Polyethene Pipes to BS1972/67				
NOMINAL SIZE	MIN	MAX	MIN	MAX
INCH	mm	mm	mm	mm
⅜	17	17.3	2.8	3.1
½	21.2	21.5	3.4	3.7
¾	26.6	26.9	4.3	4.7
1	33.4	33.7	5.4	5.9
1¼	42.1	42.5	6.8	7.5
1½	48.1	48.5	7.8	8.6



# The Problem Solver

UTC – Universal Transition Coupling



- **Fast and Easy Installation** – Slide & Tighten technology
- **Complete Security** – pre-assembled and no risk of damage to pipes when fitting
- **High Performance Materials** – manufactured from advanced thermoplastic engineered materials
- **Complete Coverage** – connecting a wide variety of pipes together including Copper, Stainless Steel, ABS, Galvanised Iron and Lead.

The UTC truly is 'The Problem Solver'. It is a unique range of mechanical compression fittings that provide the ultimate in pipe connection flexibility.

Designed especially for connecting pipes that are made from a variety of different materials, such as polyethylene, galvanised iron, PVC, copper, ABS, lead and stainless steel.

The Philmac UTC® is constructed with a wide outside diameter tolerance and is designed to accommodate a range of different diameters on most pipe materials within one fitting.



In addition to winning international design awards the UTC® has been embraced by water utilities right around the world.



## THE PROBLEM SOLVER

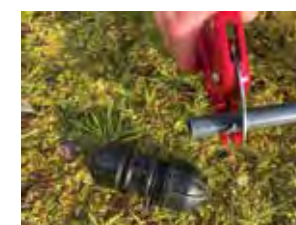
Patent protected the Metric/Imperial™ plastic compression fitting is the product of the company's unrelenting commitment to continuous improvement and a culture based on innovation and ingenuity.

### Fast and Easy Installation

**Slide & Tighten™** The Philmac UTC® incorporates all the benefits of Philmac's Slide & Tighten™ technology. No special tools are required and the Philmac UTC® is supplied ready to use.

**Easy disassembly:** The design of the UTC® means that once the nut is backed off, the pipe can easily be removed from the fitting.

### Installation Instructions



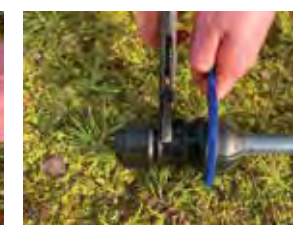
1 The fitting is pre-assembled and ready to use. Cut pipe square and to length using the flange on the central body as a guide. Ensure the end of connecting pipe is undamaged and clean.



2 To ensure adequate insertion depth, witness mark the pipe to the back of the flange.



3 Insert the pipe to the correct depth. Always ensure the nut is backed off and 3 threads are showing. Pipes at the top end of the fitting tolerance may require 5 threads showing.



4 Tighten nut firmly with a wrench. Nut will not butt against the body flange when the pipe size is at the top end of the fitting tolerance.

### Complete Security

**Visual stop:** The mechanical advantage of the nut thread compresses the seal into position, eliminating resistance when inserting the pipe into the fitting, so there is no risk of seal distortion or displacement.

**No loose components:** The Philmac UTC® is pre-assembled and ready to use, there are no loose components. There is no need for individual assembly of a grip ring, sealing ring or nut. All that is required is the insertion of the pipe and tightening of the nut.

**Dielectric (insulating) fitting:** UTC® fittings are insulating and are a dielectric fitting for use between dissimilar metals.

**End load resistant:** UTC® fittings are fully end load resistant and do not require the use of thrust blocks.

**Approvals:** Philmac UTC® fittings are WRAS approved for potable water use.



**NB: Where pipes are used for electrical earthing ensure continuity is maintained. If in doubt please consult your electrician or electrical engineer.**





	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	UNIVERSAL TRANSITION JOINER UTC x POL C/W METRIC MDPE LINER	1032	15-21mm x 20mm/½"	1	€23.92
		1033	15-21mm x 25mm/¾"	1	€23.92
		1042	21-27mm x 20mm/½"	1	€23.92
		1043	21-27mm x 25mm/¾"	1	€23.92
		1052	27-34mm x 20mm/½"	1	€28.13
		1053	27-34mm x 25mm/¾"	1	€28.13
		1054	27-34mm x 32mm/1"	1	€32.79
		1055	27-34mm x 40mm/1¼"	1	€32.79
		1074	34-39mm x 32mm/1"	1	€34.68
		1075	34-39mm x 40mm/1¼"	1	€34.68
		1064	39-43mm x 32mm/1"	1	€37.56
		1065	39-43mm x 40mm/1¼"	1	€37.56
		1086	47-49mm x 50mm/1½"	1	€44.21
		1087	47-49mm x 63mm/2"	1	€44.21
		1097	59-61mm x 63mm/2"	1	€52.63
	UNIVERSAL TRANSITION ELBOW UTC x POL C/W METRIC MDPE LINER	1533	15-21mm x 25mm/¾"	1	€23.92
		1543	21-27mm x 25mm/¾"	1	€23.92
		1544	21-27mm x 32mm/1"	1	€28.13
		1653	27-34mm x 32mm/1"	1	€32.79
	UNIVERSAL TRANSITION DOUBLE ENDED REPAIR JOINER	1133	15-21mm x 15-21mm	1	€23.92
		1144	21-27mm x 21-27mm	1	€23.92
		1155	27-34mm x 27-34mm	1	€28.13
		1177	34-39mm x 34-39mm	1	€34.68
		1166	39-43mm x 39-43mm	1	€37.56
		1188	47-49mm x 47-49mm	1	€44.21
		1199	59-61mm x 59-61mm	1	€52.63
	UNIVERSAL TRANSITION REDUCED REPAIR JOINER	1143	21-27mm x 15-21mm	1	€23.92
		1154	27-34mm x 21-27mm	1	€28.13
		1153	27-34mm x 15-21mm	1	€28.13
		1165	39-43mm x 27-34mm	1	€37.56
	UNIVERSAL TRANSITION MI END CONNECTOR UTC x MI BSP	1231	15-21mm x ½" BSP	1	€16.63
		1232	15-21mm x ¾" BSP	1	€16.63
		1233	15-21mm x 1" BSP	1	€16.63
		1242	21-27mm x ¾" BSP	1	€16.63
		1243	21-27mm x 1" BSP	1	€16.63
		1244	21-27mm x 1¼" BSP	1	€16.63
		1252	27-34mm x ¾" BSP	1	€21.06
		1253	27-34mm x 1" BSP	1	€21.06
		1254	27-34mm x 1¼" BSP	1	€21.06
		1255	27-34mm x 1½" BSP	1	€21.06

Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only

GUIDE ONLY









Actual size dependent on pipe condition

UTC RANGE	15-21	21-27	27-34	34-39	39-43	47-49	59-61
Normal Gauge IRS 134	½"	¾"	1"	1¼"			2"
Heavy Gauge IRS 135		½"	¾"	1"			
Irish Copper	½"	¾"	1"				
Metric Copper	15mm	22mm	28mm	35mm	42mm		
Galvanised Iron	⅜"	½"	¾"	1"	1¼"	1½"	2"
Stainless Steel	⅜"	½"	¾"	1"	1¼"	1½"	2"
Metric ABS/PVC	16mm & 20mm	25mm	32mm		40mm		
Imperial ABS/PVC	⅜"	½"	¾"	1"	1¼"	1½"	2"
Lead	⅜"	½"	¾"	1"	1¼"	1½"	
	5lb (20mm OD)	6lb (21.6mm OD)	9lb (30.6mm OD)	7lb (37.6mm OD)	16lb (41mm OD)	12lb (48mm OD)	
		7lb (23.2mm OD)	11lb (32.8mm OD)				
		9lb (25.4mm OD)					
	½"	¾"	1"		1¼"		
	2lb (16mm OD)	4lb (25.2mm OD)	6lb (31mm OD)		9lb (39.2mm OD)		
	4lb (19.2mm OD)	5lb (26.4mm OD)	7lb (31.6mm OD)				

Fitting selection can be made easier with use of the Philmac Pipe Gauge

- Copper** If user does not want to use a UTC the copper needs to be M.I. or F.I. ended so that we can offer a Met/Imp fitting to suit. Same rule applies for 54mm O.D. copper. Use copper compression fitting to adapt to M.I. or F.I. and then use Met/Imp fitting.
- Lead** The general condition of lead pipe can make sizing difficult at top and bottom tolerance. If the recommended UTC is not successful the next size, up or down, depending on fit should be offered.



	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE
	<b>JOINER POL x POL</b>	8199	90mm	1	€88.17
		8100	110mm	1	€138.47
	<b>REDUCING JOINER POL x POL</b>	8198	90mm x 75mm	1	€97.67
		8109	110mm x 90mm	1	€121.73
	<b>END CONNECTOR POL x MI BSP</b>	8298	90mm x 3" BSP	1	€55.56
	<b>END CONNECTOR POL x FI BSP</b>	8809	110mm x 4"	1	€96.00
	<b>KEY TO FITTING HOOK</b>	UD092	40 - 63mm	1	Page 183
		UD093	75 - 110mm	1	Page 183
	<b>TEE EQUAL POL x POL</b>	8300	110mm	1	€215.67
	<b>REDUCING TEE POL x POL x POL</b>	8307	110mm x 110mm x 63mm	1	€184.22
	<b>ELBOW POL x POL</b>	8500	110mm	1	€149.09
	<b>FLANGE ADAPTER MI x POL</b>	8909	110mm x 4"	1	€449.40

Please note that all Philmac product prices are INCLUSIVE of VAT at 23% and refer to individual units only



Larger range of fittings available on request



Fast and Easy Installation

**Fast and easy Installation:** no pipe preparation is required. Simply insert the pipe into the fitting until the first point of resistance is felt, and then tighten the nut.

**Dynamic sealing method:** the mechanical advantage of the nut is used to push the O-ring into the compressed position, eliminating the need to push past a seal when inserting the pipe.

**No loose components:** if the nut should be removed for any reason there is no danger of losing the O-ring, spacer or grip ring as they are retained in the nut. **Rated to 16 Bar** – ensures the fittings meet the requirements of high pressure systems.



**Lead-free:** the fittings are made from materials that are lead free.

Installation Instructions



1. Cut pipe to length

Cut the pipe square, there is no need to chamfer or lubricate.



2. Insert pipe

Ensure 3 threads are showing and simply slide the pipe in until the point of first resistance is felt



3. Tighten

Tighten the nut by hand, and then with a wrench to the point where the nut is touching the flange on the body of the fitting. Do not tighten beyond this point.

\*Spanners available









# A Tough, Corrosion Resistant Range of Fittings to Suit BSP Thread Standards




-  **Complete Coverage**
- Fully comprehensive range
  - High performance UV resistant materials (Polypropylene)
  - Compliments plastic pipelines
  - Robust threaded fittings
  - Precision BSP tapered threads
  - Maximises sealing performance
  - Corrosion resistant
  - Versatile range
  - Quick and simple to install
  - Reliable installation
  - ½" to 2" products are 16 Bar Rated

 **Lead Free**


The Philmac range of Threaded Fittings is completely free from lead.

	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	<b>BUSH – REDUCING</b>	4121	¾" x ½" BSP	10	€2.53
		4131	1" x ½" BSP	10	€2.67
		4132	1" x ¾" BSP	10	€2.67
		4141	1¼" x ½" BSP	10	€3.85
		4142	1¼" x ¾" BSP	10	€3.85
		4143	1¼" x 1" BSP	10	€3.85
		4151	1½" x ½" BSP	10	€4.76
		4152	1½" x ¾" BSP	10	€4.76
		4153	1½" x 1" BSP	10	€4.76
		4154	1½" x 1¼" BSP	10	€4.76
		4161	2" x ½" BSP	10	€7.62
		4162	2" x ¾" BSP	10	€7.62
		4163	2" x 1" BSP	10	€7.62
		4164	2" x 1¼" BSP	10	€7.62
		4165	2" x 1½" BSP	10	€7.62
		4176	2½" x 2" BSP	1	€16.77
		4186	3" x 2" BSP	1	€26.33
		4187	3" x 2½" BSP	1	€26.33
		4198	4" x 3" BSP	1	€52.31
	<b>NIPPLE</b>	4211	½" BSP	10	€1.96
		4222	¾" BSP	10	€2.19
		4233	1" BSP	10	€2.82
		4244	1¼" BSP	10	€3.49
		4255	1½" BSP	10	€4.12
		4266	2" BSP	10	€5.48
		4277	2½" BSP	1	€11.90
		4288	3" BSP	1	€18.30
	<b>NIPPLE – REDUCING</b>	4221	¾" x ½" BSP	10	€2.60
		4231	1" x ½" BSP	20	€3.35
		4232	1" x ¾" BSP	10	€3.35
		4241	1¼" x ½" BSP	10	€4.18
		4242	1¼" x ¾" BSP	10	€4.18
		4243	1¼" x 1" BSP	10	€4.18
		4251	1½" x ½" BSP	10	€4.95
		4252	1½" x ¾" BSP	10	€4.95
		4253	1½" x 1" BSP	10	€4.95
		4254	1½" x 1¼" BSP	10	€4.95
		4261	2" x ½" BSP	10	€6.58
		4262	2" x ¾" BSP	10	€6.58
		4263	2" x 1" BSP	10	€6.58
		4264	2" x 1¼" BSP	10	€6.58
		4265	2" x 1½" BSP	10	€6.58
		4276	2½" x 2" BSP	1	€12.20
		4286	3" x 2" BSP	1	€15.24
		4287	3" x 2½" BSP	1	€15.24

Please note that all Philmac product prices are **INCLUSIVE** of VAT at 23% and refer to individual units only



**N.B. All threads are BSP tapered. Use PTFE Tape on threads for lubrication purposes. DO NOT overtighten.**





	DESCRIPTION	CODE	SIZE	BAG QTY.	PRICE EACH
	TEE FEMALE	4511	½" BSP	10	€4.49
		4522	¾" BSP	10	€5.39
		4533	1" BSP	10	€6.71
		4544	1¼" BSP	5	€10.56
		4555	1½" BSP	5	€11.49
		4566	2" BSP	1	€15.98
	ELBOW FEMALE	4611	½" BSP	10	€3.88
		4622	¾" BSP	10	€4.10
		4633	1" BSP	10	€4.76
		4644	1¼" BSP	5	€6.72
		4655	1½" BSP	5	€8.10
		4666	2" BSP	1	€10.72
	ELBOW MALE x FEMALE	4691	½" x ½" BSP	10	€3.73
		4692	¾" x ¾" BSP	10	€4.15
		4693	1" x 1" BSP	10	€4.89
		4694	1¼" x 1¼" BSP	5	€6.78
		4695	1½" x 1½" BSP	5	€7.80
		4696	2" x 2" BSP	1	€10.65
	PLUG	4011	½" BSP	10	€1.92
		4022	¾" BSP	10	€2.29
		4033	1" BSP	10	€2.64
		4044	1¼" BSP	10	€3.66
		4055	1½" BSP	10	€4.05
		4066	2" BSP	10	€5.27
	SOCKET	4311	½" BSP	10	€4.18
		4322	¾" BSP	10	€4.84
		4333	1" BSP	10	€6.03
		4344	1¼" BSP	10	€9.80
		4355	1½" BSP	10	€10.70
		4366	2" BSP	10	€15.13
	REDUCING SOCKET	4321	¾" x ½" BSP	10	€5.27
		4331	1" x ½" BSP	20	€6.56
		4332	1" x ¾" BSP	5	€10.70
		4343	1¼" x 1" BSP	10	€10.70
		4352	1½" x ¾" BSP	10	€11.66
		4353	1½" x 1" BSP	10	€11.66
		4362	2" x ¾" BSP	10	€16.50
		4363	2" x 1" BSP	10	€16.50
		4365	2" x 1½" BSP	10	€16.50
	CAP	4901	½" BSP	20	€4.30
		4902	¾" BSP	20	€4.76
		4903	1" BSP	20	€5.39
		4904	1¼" BSP	10	€6.00
		4905	1½" BSP	10	€7.23
		4906	2" BSP	10	€8.67

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⚠ N.B. All threads are BSP tapered. Use PTFE Tape on threads for lubrication purposes. DO NOT overtighten. ⚠

	DESCRIPTION	CODE	SIZE/DESCRIPTION	BAG QTY.	PRICE EACH
	LONG FULLY THREADED PIPE	44201	½" x 24"	1	Page 191
		44202	¾" x 24"	1	Page 191
		44203	1" x 24"	1	Page 191
		44204	1¼" x 24"	1	Page 191
		44205	1½" x 24"	1	Page 191
		44206	2" x 24"	1	Page 191
		44207	2½" x 24"	1	Page 191
	GASKET/BACKNUT	44357	½" Gaskets	1	Page 191
		44359	¾" Gaskets	1	Page 191
		44361	1" Gaskets	1	Page 191
		44363	1¼" Gaskets	1	Page 191
		44365	1½" Gaskets	1	Page 191
		44367	2" Gaskets	1	Page 191
		44369	2½" Gaskets	1	Page 191
		44358	½" Backnuts	1	Page 191
		44360	¾" Backnuts	1	Page 191
	EXTENDED PLASTIC TANK CONNECTOR	91470004	¾" x 5" M x F	5	€12.58
	IBC COARSE THREAD ADAPTOR	SB1	IS60x6 Female Swivel	1	Page 202
		SB2	Buttress x 3/4" BSP Female	1	Page 202
		SB3	S60x6 Female Swivel	1	Page 202
	PIPE RISER	4423	¾" BSP x 300mm	1	€5.53
		4424	¾" BSP x 450mm	1	€6.99
		4433	1" BSP x 300mm	1	€6.43
		4434	1" BSP x 450mm	1	€9.31
		4436	1" BSP x 600mm	1	€10.41
		4437	1" BSP x 750mm	1	€12.16
		4464	1¼" BSP x 450mm	1	€11.21
		4466	1¼" BSP x 600mm	1	€12.90
	NUT & TAIL POL x FI	1057	1½"	1	€10.02

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PLASTIC HOSE CONNECTOR

CODE	SIZE	BAG QTY.	PRICE EACH
HA002	½" MI x 13mm	20	Page 196
HA012	½" MI x 16mm	20	Page 196
HA031	¾" MI x 13mm	20	Page 196
HA032	¾" MI x 16mm	20	Page 196
HA003	¾" MI x 20mm	20	Page 196
HA035	1" MI x 20mm	10	Page 196
HA004	1" MI x 25mm	10	Page 196
HA054	1¼" MI x 25mm	10	Page 196
HA005	1¼" MI x 32mm	10	Page 196
HA006	1½" MI x 38mm	10	Page 196
HA067	1½" MI x 50mm	10	Page 196
HA007	2" MI x 50mm	10	Page 196



TANK CONNECTOR  
MI x MI

CODE	SIZE	BAG QTY.	PRICE EACH
1792	1" BSP	1	Page 191
1793	1¼" BSP	1	Page 191
1794	1½" BSP	1	Page 191
1795	2" BSP	1	Page 191
1796	3" BSP	1	Page 191



ROUND CLIP

**Flip**  
system

- Easy Fit
- UV Resistant
- Heat Resistant
- Chemical Resistant
- Wide Tolerance
- No Corroding Parts
- Anti-Vibration

CODE	SIZE	BAG QTY.	PRICE EACH
PC2024	½" - D20 - 24mm	100	Page 208
PC2530	¾" - D25 - 30mm	60	Page 208
PC3236	1" - D32 - 36mm	60	Page 208
PC3844	1¼" - D38 - 44mm	50	Page 208
PC4450	1½" - D44 - 50mm	50	Page 208
PC5662	2" - D56 - 62mm	40	Page 208
PC7480	2½" - D74 - 80mm	30	Page 208
PC8490	3" - D84 - 90mm	20	Page 208
PCS100110	4" - D100 - 110mm	15	Page 208



FLAT CLIP

**Flip**  
system

- Easy Fit
- UV Resistant
- Heat Resistant
- Chemical Resistant
- Wide Tolerance
- No Corroding Parts
- Anti-Vibration

CODE	SIZE	BAG QTY.	PRICE EACH
PCF1418	3/8" - D14 - 18mm	100	Page 208
PCF2024	½" - D20 - 24mm	100	Page 208
PCF2530	¾" - D25 - 30mm	60	Page 208
PCF3236	1" - D32 - 36mm	60	Page 208
PCF 3844	1¼" - D38 - 44mm	50	Page 208
PCF4450	1½" - D44 - 50mm	50	Page 208
PCF5662	2" - D56 - 62mm	40	Page 208
PCF7480	2½" - D74 - 80mm	30	Page 208
PCF8490	3" - D84 - 90mm	20	Page 208



PIPE CLIP TOOL

CODE	DESCRIPTION	BAG QTY.	PRICE EACH
PCT00L	Hand Tool for Pipe Clip	15	Page 208

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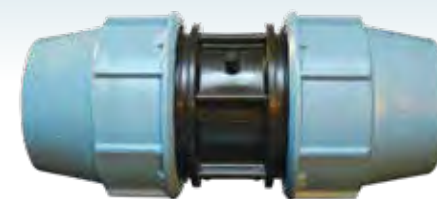


N.B. All threads are BSP tapered. Use PTFE Tape on threads for lubrication purposes. **DO NOT** overtighten.





# UNIDELTA COMPRESSION FITTINGS



## JOINER POL x POL

Code	Size	Price
UD188	75mm	€47.29
UD199	90mm	€58.49
UD100	110mm	€125.09



## SLIP COUPLER POL x POL

Code	Size	Price
UD0188	75mm	€55.06
UD0199	90mm	€70.09
UD0100	110mm	€143.64



## REDUCING JOINER POL x POL

Code	Size	Price
UD187	75 x 63mm	€43.13
UD197	90 x 63mm	€57.01
UD109	110 x 90mm	€119.60



## END PLUG

Code	Size	Price
UD089	75mm	€38.93
UD009	110mm	€95.93



## END CONNECTOR POL x MI BSP

Code	Size	Price
UD288	75mm x 3"	€30.63
UD296	90mm x 2"	€36.16
UD298	90mm x 3"	€36.16
UD299	90mm x 4"	€38.03
UD208	110mm x 3"	€71.33
UD209	110mm x 4"	€71.33



## END CONNECTOR POL x FI BSP

Code	Size	Price
UD886	75mm x 2"	€30.63
UD888	75mm x 3"	€30.63
UD896	90mm x 2"	€37.62
UD898	90mm x 3"	€37.62
UD899	90mm x 4"	€39.28
UD808	110mm x 3"	€89.00
UD809	110mm x 4"	€89.00



## FLANGE ADAPTOR

Code	Size	Price
UD7666	50mm x 2"	€39.76
UD7676	63mm x 2"	€43.13
UD7688	75mm x 3"	€59.73
UD7698	90mm x 3"	€72.30
UD7609	110mm x 4"	€104.24

Rated for 16 Bar 75-110mm





#### TEE POL x POL

Code	Size	Price
UD388	75mm	€65.32
UD399	90mm	€90.35
UD300	110mm	€175.94



#### REDUCING TEE POL x POL

Code	Size	Price
UD309	110 x 90mm	€187.84



#### TEE POL x FI BSP

Code	Size	Price
UD486	75mm x 2"	€50.06
UD498	90mm x 3"	€81.98
UD409	110mm x 4"	€121.08



#### ELBOW POL x POL

Code	Size	Price
UD588	75mm	€45.97
UD599	90mm	€56.95
UD500	110mm	€118.08



#### ELBOW POL x FI BSP

Code	Size	Price
UD688	75mm x 3"	€36.16
UD698	90mm x 4"	€69.23
UD609	110mm x 4"	€113.97



#### ELBOW POL x MI BSP

Code	Size	Price
UD798	90mm x 3"	€44.36
UD709	110mm x 4"	€86.18



#### KEY TO FITTING HOOK

Code	Size	Price
UD092	40 - 63mm	€44.57
UD093	75 - 110mm	€49.50

Rated for 16 Bar 75-110mm

## SADDLES 16 BAR (20-110mm)



#### CLAMP SADDLE

Code	Size	Price
P505020B	20mm x 1/2"	€5.25
P505050B	50mm x 1/2"	€8.92
P505063B	63mm x 1/2"	€10.70
P505090B	90mm x 1/2"	€17.86
P505025C	25mm x 3/4"	€4.89
P505032C	32mm x 3/4"	€6.56
P505040D	40mm x 1"	€7.87
P505050D	50mm x 1"	€8.92
P505063D	63mm x 1"	€10.70
P505075D	75mm x 1"	€11.78
P505063F	63mm x 1 1/2"	€10.70
P505090F	90mm x 1 1/2"	€17.86
P505090G	90mm x 2"	€17.86
P505110G	110mm x 2"	€18.58



#### SPECIFICATIONS

##### Bolts:

Galvanised Steel

##### Clamp Saddle Body:

Polypropylene, high-stability copolymer (PP-B) with UV protection

##### Seal:

Nitrile rubber, unique one-way-fitting design to ensure seal stays in place during installation (NBR)

##### Reinforcing Ring:

Stainless Steel

20 - 110mm 16 Bar  
Larger Sizes Available In 10 Bar On Request







# PUMP SPARES & ACCESSORIES

## TITAN

**The Quality Pressure Switch**

20 AMPS RATING

FACTORY SETTING  
30 - 50 PSI

CYCLE TESTED  
500,000 TIMES

MAXIMUM WORKING  
PRESSURE 80 PSI

POWDER COATED BODY

3 YEAR GUARANTEE

**TITAN Z20**







### PRESSURE SWITCH

Code	Description	Amps	Max PSI	Factory Setting PSI	Price
Z20	TITAN*	20	80	30-50	€20.17
Z07	Telemecanique	20	90	20-40	€37.46
Z07H	Telemecanique	20	175	72-116	€38.14
Z10	LOSS OF PRIME	15	70	20-40	€57.21

\*Tested 500,000 times



### TITAN 26 AMP PRESSURE SWITCH

Code	Description	Amp	Max PSI	Factory Setting PSI	Price
Z22	High Amp	26	150	85-115	€37.40



### TITAN DIFFERENTIAL PRESSURE SWITCH

Code	Description	Amp	Max	Differential PSI	Price
Z23	Differential	10	100	10-60	€55.41

Other Models Available on Request



### SWITCH

Code	Description	Price
C.1553RED	16 Amp Red	€7.77
C.1553AL	16 Amp Green	€7.77
C.1553COV	Splashproof Cover	€5.46



### AUTOMATIC FLOAT SWITCH 16 Amp

Code	Description	Price
Z08	3 Wire 3 Mt Cable	€24.67
Z09	3 Wire 10 Mt Cable	€44.76



### 3 WAY CONNECTOR

Code	Size	Price
Z01	1" BSP	€9.60



### 5 WAY ADVANTAGES:

- Heavy Pattern Body
- Extended Body for Easy Fit to Tank
- Made From CW617N Brass
- Suitable for Potable Water

### 5 WAY CONNECTOR

Code	Size	Price
Z02	1" BSP	€16.87



Rear Entry Gauge

### PRESSURE GAUGE

Code	Description	Bar	Price
Z18	1/8" - Dial 40mm BSP	6 Bar	€8.64
Z14	1/4" - Dial 50mm BSP	6 Bar	€7.20
Z19	1/4" - Dial 63mm BSP	10 Bar	€11.53
Z15	1/4" - Dial 50mm BSP	10 Bar	€7.20
Z16	1/2" - Dial 100mm BSP	7 Bar	€50.43
Z17	1/2" - Dial 150mm BSP	7 Bar	€100.85
Z24	Rear Entry Pressure Gauge 1/4" - Dial 50mm BSP	6 Bar	€9.00
Z25	Rear Entry Pressure Gauge 1/4" - Dial 50mm BSP	10 Bar	€9.00



### RUN CAPACITOR\*

Code	Size	Price
C002	2µF	€7.36
C004	4µF	€8.17
C006	6µF	€8.99
C008	8µF	€10.90
C010	10µF	€11.58
C012	12µF	€13.62
C014	14µF	€13.62
C016	16µF	€16.35
C018	18µF	€16.35
C020	20µF	€16.35
C025	25µF	€18.39
C030	30µF	€18.39
C035	35µF	€20.43
C040	40µF	€24.52
C050	50µF	€31.33
C060	60µF	€34.74
C070	70µF	€40.86
C075	75µF	€40.86
C080	80µF	€43.59
C090	90µF	€46.31
C0100	100µF	€49.04
C0115	115µF	€52.39

(450V 50-60Hz) \*NOT FOR LIGHTING



### RUN CAPACITOR WITH SPADES\*

Code	Size	Price
CF08	8µF	€11.58
CF10	10µF	€12.12
CF12	12µF	€14.98
CF14	14µF	€14.98
CF18	18µF	€17.98
CF20	20µF	€17.98
CF25	25µF	€20.43
CF30	30µF	€20.43
CF35	35µF	€23.16
CF40	40µF	€27.24

(450V 50-60Hz) \*NOT FOR LIGHTING



### OVERLOAD

Code	Description	Price
OV3	3 Amp	€14.98
OV4	4 Amp	€14.98
OV5	5 Amp	€14.98
OV6	6 Amp	€14.98
OV7	7 Amp	€14.98
OV8	8 Amp	€14.98
OV9	9 Amp	€14.98
OV10	10 Amp	€14.98
OV12	12 Amp	€14.98
OV13	13 Amp	€14.98
OV15	15 Amp	€14.98
OV16	16 Amp	€14.98
OV18	18 Amp	€27.24
OV20	20 Amp	€27.24



### PIPE CUTTER

Code	Size	Price
1767	Soft Pipe Cutter 37mm	€16.39
1768	Up to 36mm	€18.99
1769	Up to 42mm	€28.90



### HEAVY DUTY PIPE CUTTER - V-BLADE

Code	Size	Price
MTC0732	Up to 32mm	€30.97
MTC0764	Up to 64mm	€43.35





MAX PRESSURE  
120 PSI

### SPRAY GUN

Code	Description	Price
SPRAYGUN	Adjustable Spray Gun	€17.18



### JET SPRAY - 1½" BSP, 1" HOSE

Code	Description	Price
J35001	Jet Spray Nozzle Complete	€62.52
J35003	JS Nozzle - Hose Nipple	€7.30



### Philmac PIPE RISER

Code	Size	Bag Qty	Price
4423	¾" BSP x 300mm	1	Page 178
4424	¾" BSP x 450mm	1	Page 178
4433	1" BSP x 300mm	1	Page 178
4434	1" BSP x 450mm	1	Page 178
4436	1" BSP x 600mm	1	Page 178
4437	1" BSP x 750mm	1	Page 178
4464	1½" BSP x 450mm	1	Page 178
4466	1½" BSP x 600mm	1	Page 178



### PLASTIC TANK CONNECTOR

Code	Size	Bag Qty	Price
4714	½" BSP x 4"	5	€6.07
4715	½" BSP x 5"	5	€7.66



LONG FULLY  
THREADED PIPE

24" LENGTH FULLY  
THREADED

### 2FT LONG FULLY THREADED PIPE

Code	Size	Bag Qty	Price
44201	½" x 24"	1	€15.31
44202	¾" x 24"	1	€38.28
44203	1" x 24"	1	€44.66
44204	1¼" x 24"	1	€45.93
44205	1½" x 24"	1	€51.04
44206	2" x 24"	1	€63.80
44207	2½" x 24"	1	€114.83



### GASKET / BACKNUT

Code	Size	Bag Qty	Price
44357	½" Gaskets	1	€0.89
44359	¾" Gaskets	1	€1.02
44361	1" Gaskets	1	€1.22
44363	1¼" Gaskets	1	€1.40
44365	1½" Gaskets	1	€1.91
44367	2" Gaskets	1	€2.50
44369	2½" Gaskets	1	€3.19
44358	½" Backnuts	1	€3.06
44360	¾" Backnuts	1	€3.25
44362	1" Backnuts	1	€4.75
44364	1¼" Backnuts	1	€8.65
44366	1½" Backnuts	1	€10.85
44368	2" Backnuts	1	€12.48
44370	2½" Backnuts	1	€15.31



### TANK CONNECTOR MI

Code	Size	Price
1792	1" BSP	€31.04
1793	1¼" BSP	€36.68
1794	1½" BSP	€39.50
1795	2" BSP	€45.15
1796	3" BSP	€84.65



### IBC TANK / DRUM CONNECTOR

Code	Description	Price
SB1	S60x6 Female Swivel Buttress x ¾" BSP Female	€22.26
SB2	S60x6 Female Swivel Buttress x 1" BSP Female	€24.48
SB 3	S60x6 Female Buttress x 2" BSP Female	€24.48
POUR1	¾" Pour Tap (Chemical Resistant)	€26.71
SB11	2" BSP Female x M80x3 Female	€26.71
SB13	2" BSP Female x S100x8 Buttress Female	€35.61

For the full specification sheets for these products,  
please call (021) 434 6143



### IBC MILK TANK CONNECTOR

Code	Description	Price
SB10	2" BSP Female x RD 78 Female (DIN 11851)*	€26.71

For the full range of IBC Connectors see page 197 - 200

\*Milk Tank Connector



### PVC MANIFOLD

Code	Description	Price
UDMANF1	PVC Grey Manifold - Female 1"	Page 200
UDMANF2	PVC Grey Manifold - Female 2"x1½"	Page 200
UDNIP7	2" Nipple	Page 200



### IDEAL FOR:

- Pump Houses
- Water Distribution

\*Application idea



### QUICK COUPLER

Code	Description	Price
QC003	¾" MI - Valve	€27.56
QC013	¾" MI - Key	€10.21



### IDEAL FOR:

- Parlour Drop Downs
- Garden Centres
- Sprinkling Systems
- Sports Fields etc.





#### ROUND CLIP

Code	Size	Box Qty	Price
PC2024	1/2" - D20 - 24mm	100	Page 208
PC2530	3/4" - D25 - 30mm	60	Page 208
PC3236	1" - D32 - 36mm	60	Page 208
PC3844	1 1/4" - D38 - 44mm	50	Page 208
PC4450	1 1/2" - D44 - 50mm	50	Page 208
PC5662	2" - D56 - 62mm	40	Page 208
PC7480	2 1/2" - D74 - 80mm	30	Page 208
PC8490	3" - D84 - 90mm	20	Page 208
PCS100110	4" - D100 - 110mm	15	Page 208



#### FLAT CLIP

Code	Size	Box Qty	Price
PCF1418	3/8" - D14 - 18mm	100	Page 208
PCF2024	1/2" - D20 - 24mm	100	Page 208
PCF2530	3/4" - D25 - 30mm	60	Page 208
PCF3236	1" - D32 - 36mm	60	Page 208
PCF3844	1 1/4" - D38 - 44mm	50	Page 208
PCF4450	1 1/2" - D44 - 50mm	50	Page 208
PCF5662	2" - D56 - 62mm	40	Page 208
PCF7480	2 1/2" - D74 - 80mm	30	Page 208
PCF8490	3" - D84 - 90mm	20	Page 208



#### PIPE CLIP TOOL

Code	Description	Box Qty	Price
PCT00L	Hand Tool for Pipe Clip	15	Page 208

## THE REVOLUTIONARY NEW EASY TO FIT PIPE / CABLE SYSTEM

- Easy Fit • UV Resistant • Heat Resistant • Chemical Resistant • Wide Tolerance
- No Corroding Parts • Rubber Liner to Prevent Vibration



#### ITAP BRASS GATE VALVE FI x FI

Code	Size	Price
CV942	1/2"	Page 37
CV943	3/4"	Page 37
CV944	1"	Page 37
CV955	1 1/4"	Page 37
CV966	1 1/2"	Page 37
CV977	2"	Page 37
CV978	2 1/2"	Page 37
CV979	3"	Page 37
CV980	4"	Page 37



#### ITAP FI x FI BALL VALVE

Code	Size	Price
CV002	1/2"	Page 36
CV003	3/4"	Page 36
CV004	1"	Page 36
CV005	1 1/4"	Page 36
CV006	1 1/2"	Page 36
CV007	2"	Page 36



#### ITAP MI x FI UNION VALVE - FULL FLOW

Code	Size	Price
CV302	1/2"	Page 37
CV303	3/4"	Page 37
CV304	1"	Page 37
CV305	1 1/4"	Page 37
CV306	1 1/2"	Page 37
CV307	2"	Page 37



#### UNION CONNECTOR

Code	Size	Price
CV12	1" M x F	POA



#### LOCKING DEVICE (FLAT LEVER HANDLES)

Code	Size	Price
CVLK01	1/4" & 1/2" Valves	Page 36
CVLK02	3/4" & 1" Valves	Page 36



#### Y STRAINER - NICKEL PLATED

Code	Size	Price
CVY114	1/2"	Page 38
CVY115	3/4"	Page 38
CVY116	1"	Page 38
CVY117	1 1/4"	Page 38
CVY118	1 1/2"	Page 38
CVY119	2"	Page 38



#### EUROPA FOOT VALVE

Code	Size	Price
CV013	3/4" - 25 Bar / 362.5psi	Page 38
CV014	1" - 25 Bar / 362.5psi	Page 38
CV015	1 1/4" - 18 Bar / 261psi	Page 38
CV016	1 1/2" - 18 Bar / 261psi	Page 38
CV017	2" - 18 Bar / 261psi	Page 38
CV018	2 1/2" - 12 Bar / 174psi	Page 38
CV019	3" - 12 Bar / 174psi	Page 38
CV020	4" - 12 Bar / 174psi	Page 38






#### MINI PRESSURE REDUCING VALVE

Code	Size	Box Qty.	Price
MPRV003	3/4"	4	Page 39



#### PRESSURE REDUCING VALVE DZR\*

Code	Description	Box Qty.	Price
PRV002*	 1/2" P.R.V.	1	Page 40
PRV003*	 3/4" P.R.V.	1	Page 40
PRV004*	 1" P.R.V.	1	Page 40
PRV005	1 1/4" P.R.V.	1	Page 40
PRV006	1 1/2" P.R.V.	1	Page 40
PRV007	2" P.R.V.	1	Page 40

\*DZR applies to products marked \* only



iTap products are made to the highest standards and are suitable for Commercial and Industrial applications. Please see Commercial section (pages 33-38) for pricing details.





#### LEVER BALL VALVE - FI x FI BSP

Code	Size	Box Qty	Price
VB002	1/2"	12	Page 21
VB003	3/4"	10	Page 21
VB004	1"	6	Page 21
VB005	1 1/4"	4	Page 21
VB006	1 1/2"	4	Page 21
VB007	2"	2	Page 21

For the full range of commercial ball valves from 1/2" to 4" see page 36-37



#### LEVER BALL VALVE - MI x FI BSP

Code	Size	Box Qty	Price
VB571	1/2"	12	Page 21
VB572	3/4"	10	Page 21
VB573	1"	6	Page 21
VB574	1 1/4"	1	Page 21
VB575	1 1/2"	1	Page 21
VB576	2"	2	Page 21



#### GATE VALVE - FI x FI

Code	Size	Box Qty	Price
VB922	1/2"	10	Page 22
VB933	3/4"	1	Page 22
VB944	1"	1	Page 22



#### PTFE TAPE

Code	Size	Box Qty	Price
PTFEB	12mm x 0.075mm x 10m	250	Page 48
PTFES	12mm x 0.075mm x 12m	250	Page 48
PTFEGAS	12mm x 0.15mm x 5m	250	Page 48
PTFESTRING	2mm x 80mtr - 1.2g/cm3	1	Page 48



#### PTFE TAPE WIDE

Code	Size	Box Qty	Price
PTFEW	19mm x 0.075mm x 12m	250	Page 48



#### GRIFFON PROFESSIONAL PTFE TAPE

Code	Size	Box Qty	Price
PTFEPRO	19mm x 0.2mm x 12m	1	Page 48



#### RAPID CONNECTOR

Code	Size	Price
VB533	1/2" MI BSP	€4.52
VB534	3/4" MI BSP	€5.37
VB535	1" MI BSP	€5.93
VB536	1 1/4" MI BSP	€7.06
VB543	1/2" / 15mm pipe	€4.52
VB544	3/4" / 20mm pipe	€5.37
VB545	1" / 25mm pipe	€7.90
VB546	1 1/4" / 35mm pipe	€8.47
VB538	1/2" FI BSP	€5.12
VB539	3/4" FI BSP	€5.37
VB540	1" FI BSP	€5.93
VB541	1 1/4" FI BSP	€8.47



#### BRASS HOSE CONNECTOR

Code	Size	Price
VB243	1" x 25mm	POA



#### PLASTIC HOSE CONNECTOR

Code	Size	Bag Qty	Price
HA002	1/2" x 13mm	20	€3.83
HA012	1/2" x 16mm	20	€3.83
HA031	3/4" x 13mm	20	€4.02
HA032	3/4" x 16mm	20	€4.08
HA003	3/4" x 20mm	20	€4.08
HA035	1" x 20mm	10	€4.21
HA004	1" x 25mm	10	€4.21
HA054	1 1/4" x 25mm	10	€5.79
HA005	1 1/4" x 32mm	10	€5.61
HA006	1 1/2" x 38mm	5	€8.93
HA067	1 1/2" x 50mm	5	€9.06
HA007	2" x 50mm	5	€9.19



#### STEPPED HOSE ADAPTOR

Code	Description	Price
HAS03	3/4" Male x 13mm/20mm/25mm	€3.31





#### ARCTIC BIB TAP

Code	Description	Bag Qty	Price
VBA72	1/2" -20°C to +75°C	5	€14.60
VBA73	3/4" -20°C to +75°C	5	€20.79



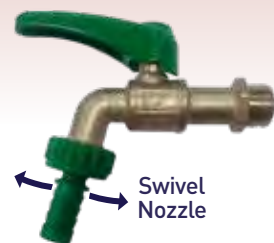
#### BIB TAP

Code	Size	Box Qty	Price
VB172	1/2"	10	Page 25
VB173	3/4"	6	Page 25



#### LEVER BALL TAP

Code	Size	Box Qty	Price
VB272	1/2"	10	Page 25
VB372	3/4"	6	Page 25



#### FREEZE RESISTANT TAP

Code	Description	Box Qty	Price
FR72	1/2" Freeze Resistant tap -20°C to +80°C	10	Page 25
MBH32	Nylon Mobile Bib Tap Hose Connection	5	Page 25



**NEW**

#### DOUBLE OUTLET BIB TAP\*

Code	Size	Box Qty	Pack Qty	Price
VBD72C	1/2"	12	1	Page 25

\*Supplied with hanging card

For spare tap nozzles please see the South Plumbing section of this catalogue



# MANIFOLDS & VALVES

## IDEAL FOR:

- Pump Houses
- Water Distribution

\*Application suggestion



- Valve body to be used with Male, Female or Glued Outlets shown below

### BALL VALVE PVC - BODY ONLY

Code	Size	Price
UDBV4	32mm	€10.85
UDBV5	40mm	€13.59
UDBV6	50mm	€16.31
UDBV7	63mm	€24.23



### THREADED MALE OUTLET

Code	Size	Price
UDBM4	32mm	€4.59
UDBM6	50mm	€5.01
UDBM7	63mm	€7.61



### THREADED FEMALE OUTLET

Code	Size	Price
UDBF4	32mm	€3.47
UDBF5	40mm	€4.22
UDBF6	50mm	€4.97
UDBF7	63mm	€7.86



### GLUED OUTLET

Code	Size	Price
UDBG4	32mm	€3.59
UDBG5	40mm	€4.36
UDBG6	50mm	€5.11
UDBG7	63mm	€7.86



### PVC VALVE FI BSP

Code	Size	Price
ERBV2	1/2"	€13.75
ERBV3	3/4"	€15.26
ERBV4	1"	€17.09
ERBV5	1 1/4"	€22.00
ERBV6	1 1/2"	€26.40
ERBV7	2"	€35.38



### Philmac BALL VALVE FI x FI BSP

Code	Size	Bag Qty	Price
55002	3/4" BSP	1	Page 160
55003	1" BSP	1	Page 160
55004	1 1/4" BSP	1	Page 160
55005	1 1/2" BSP	1	Page 160
55006	2" BSP	1	Page 160



### PVC MANIFOLD

Code	Description	Price
UDMANF1	PVC Grey Manifold - Female 1"	€29.05
UDMAN50	PVC Grey Manifold - Glued 50mm	€19.31
UDMANF2	PVC Grey Manifold - Female 2"x1 1/2"	€45.86
UDNIP7	2" Nipple	€4.59



### 3 WAY BALL VALVE

Code	Size	Price
3W02	1/2"	€54.28
3W03	3/4"	€57.57
3W04	1"	€73.59
3W05	1 1/4"	€113.55
3W06	1 1/2"	€151.04
3W07	2"	€211.93



# IBC TANK, DRUM & CAMLOCK FITTINGS

## IBC FITTINGS

SB1, SB2

SB3



### IBC COARSE THREAD ADAPTOR

Code	Description	Bag Qty	Price
SB1	S60x6 Female Swivel Buttress x 3/4" BSP Female	1	€22.26
SB2	S60x6 Female Swivel Buttress x 1" BSP Female	1	€24.48
SB3	S60x6 Female Buttress x 2" BSP Female	1	€24.48



### MILK TANK CONNECTOR

Code	Description	Price
SB10	2" BSP Female x RD 78 Female (DIN 11851)	€26.71
SB11	2" BSP Female x M80x3 Female	€26.71
SB13	2" BSP Female x S100x8 Buttress Female	€35.61



### TANK CONNECTOR

Code	Description	Price
SB17	S60 x 6 Male x S100 x 8 Female Connector	€28.93



### POUR TAP

Code	Description	Price
POUR1	3/4" Pour Tap (Chemical Resistant)	€26.71

SB5

SB6

SB7



### DRUM FITTINGS

Code	Description	Price
SB5	S56x4 Male Drum Thread x 2" BSP Female	€16.69
SB6	S64x5 Male Drum Thread x 2" BSP Female	€16.69
SB7	S70x6 Male Drum Thread x 2" BSP Female	€16.69



### IBC ACCESSORY

Code	Description	Price
SB16	Replacement White Washer for SB Fittings	€2.23





#### DUST CAP

Code	Description	Price
SB14	2" Dust Cap for Camlock Outlet	€6.68
SB15	S60x6 Female Buttruss x Dust Cap, C/W seal, PP	€6.01



#### BSP CAMLOCK ADAPTOR

Code	Description	Price
CAMF66	1½" Part F Camlock Adaptor x 1½" Male BSP	€13.35
CAMF76	2" Part F Camlock Adaptor x 1½" Male BSP	€15.58
CAMF77	2" Part F Camlock Adaptor x 2" Male BSP	€15.58
CAMF99	3" Part F Camlock Adaptor x 3" Male BSP	€20.03
CAMF100	4" Part F Camlock Adaptor x 4" Male BSP	€26.71



#### BSP CAMLOCK COUPLER

Code	Description	Price
CAMD66	1½" Part D Camlock Coupler x 1½" Female BSP	€23.37
CAMD77	2" Part D Camlock Coupler x 2" Female BSP	€24.48
CAMD99	3" Part D Camlock Coupler x 3" Female BSP	€40.06
CAMD100	4" Part D Camlock Coupler x 4" Female BSP	€48.96



#### CAMLOCK ADAPTOR

Code	Description	Price
CAMA79	2" Part A Camlock Adaptor x M80 x 3" Female G/P/P	€21.14
CAMA99	3" Part A Camlock Adaptor x S100 x 8 Female Buttruss	€31.16

## EASY FIT TANK CONNECTOR

### Fitted from **OUTSIDE** on any tank



EASY FIT

NEW

#### MI x FI EASYFIT TANK CONNECTOR

Code	Description	Price
EFTC01	½" Male x ⅜" Female	€16.56
EFTC02	¾" Male x ½" Female	€17.60
EFTC03	1" Male x ¾" Female	€19.46
EFTC04	1 ¼" Male x 1" Female	€24.20
EFTC05	1 ½" Male x 1 ¼" Female	€27.38
EFTC06	2" Male x 1 ½" Female	€31.04

#### SPECIFICATIONS

- Reduced outlet thread MF
- No welding, sealants or internal lock nuts required
- Secure sealing up to 4 bar
- EPDM Gasket





The Yellow Steeple at St Mary's Abbey, Trim, County Meath



# PIPE CLIPS



ROUND CLIP			
Code	Size	Box Qty	Price
PC2024	1/2" - D20 - 24mm	100	€2.31
PC2530	3/4" - D25 - 30mm	60	€2.15
PC3236	1" - D32 - 36mm	60	€2.37
PC3844	1 1/4" - D38 - 44mm	50	€2.46
PC4450	1 1/2" - D44 - 50mm	50	€3.28
PC5662	2" - D56 - 62mm	40	€3.39
PC7480	2 1/2" - D74 - 80mm	30	€4.14
PC8490	3" - D84 - 90mm	20	€4.90
PCS100110	4" - D100 - 110mm	15	€7.71



- Easy Fit • UV Resistant • Heat Resistant • Chemical Resistant • Wide Tolerance
- No Corroding Parts • Rubber Liner to Prevent Vibration



BRASS PIPE CLIP			
Code	Size	Box Qty	Price
BFC001	15mm	10	€1.28
BFC002	22mm	10	€1.54
BFC003	28mm	10	€1.83
BFC004	35mm	10	€3.55
BFC005	42mm	5	€4.65
BFC006	54mm	5	€6.61
BFC007	67mm	5	€12.71
BFC008	76mm	5	€14.39



FLAT CLIP			
Code	Size	Box Qty	Price
PCF1418	3/8" - D14 - 18mm	100	€1.13
PCF2024	1/2" - D20 - 24mm	100	€1.22
PCF2530	3/4" - D25 - 30mm	60	€1.26
PCF3236	1" - D32 - 36mm	60	€1.52
PCF3844	1 1/4" - D38 - 44mm	50	€1.76
PCF4450	1 1/2" - D44 - 50mm	50	€2.13
PCF5662	2" - D56 - 62mm	40	€2.39
PCF7480	2 1/2" - D74 - 80mm	30	€3.27
PCF8490	3" - D84 - 90mm	20	€4.04



PIPE CLIP TOOL			
Code	Description	Box Qty.	Price
PCTOOL	Hand Tool for Pipe Clip	15	€6.90



# SPRINKLERS



## FULL/PART CIRC PLASTIC SPRINKLER

Code	Description	Nozzle	Flow	Radius*	Price
SP222	1/2" Male	2.8mm	0.45m <sup>3</sup>	11m	€18.34

\*Based on 2 BAR



## FULL/PART CIRC METAL SPRINKLER

Code	Description	Nozzle	Flow	Radius*	Price
SP222A	1/2" Male	4mm	0.85m <sup>3</sup>	12.5m	€39.50

\*Based on 2 BAR



## FULL/PART CIRCLE METAL SPRINKLER

Code	Description	Nozzle	Flow	Radius*	Price
SP223 F-P	3/4" Female	4.8mm	1.4m <sup>3</sup>	14.1m	€94.53

\*Based on 2.5 BAR



## FULL CIRCLE METAL SPRINKLER

Code	Description	Nozzle	Flow	Radius*	Price
SP223A	3/4" Male	4.8mm	1.4m <sup>3</sup>	14.1m	€62.08

\*Based on 2.5 BAR



## FULL CIRCLE METAL SPRINKLER

Code	Description	Nozzle	Flow	Radius*	Price
SP223	3/4" Female	4mm x 2.4mm	1.3m <sup>3</sup>	12.6m	€94.53

\*Based on 2.5 BAR







Customer: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Fitting	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>310</b> Straight Coupler C x C	BF3101 10/200	BF3102 10/100	BF3103 5/80	BF3104 1/50	BF3105 1/30	BF3106 1/20
<b>311</b> Straight Coupler MI x C	BF3111 10/300	BF3112 10/150	BF3113 5/120	BF3114 1/50	BF3115 1/40	BF3116 1/25
<b>312</b> Straight Coupler FI x C	BF3121 10/300	BF3122 5/150	BF3123 5/60	BF3124 1/40	BF3125 1/40	BF3126 1/20
<b>315</b> Elbow C x C	BF3151 10/200	BF3152 10/100	BF3153 5/70	BF3154 1/40	BF3155 1/25	BF3156 1/10
<b>317</b> Elbow FI x C	BF3171 10/200	BF3172 10/120	BF3173 5/80	BF3174 1/40	BF3175 1/25	BF3176 1/12
<b>316</b> Elbow MI x C	BF3161 10/200	BF3162 5/100	BF3163 5/60	BF3164 1/40	BF3165 1/25	
<b>318</b> Tee C x C x C	BF3181 10/150	BF3182 5/80	BF3183 5/40	BF3184 1/25	BF3185 1/15	BF3186 1/8
<b>330</b> Female Tee C x C x FI	BF3301 5/100	BF3302 5/50	BF3303 5/50			
<b>378A</b> Nuts	BF378A1 10/500	BF378A2 10/400	BF378A3 10/200	BF378A4 10/150	BF378A5 10/100	BF378A6 5/50
<b>378B</b> Olives	BF378B1 50/3000	BF378B2 50/1500	BF378B3 50/1000	BF378B4 10/250	BF378B5 10/250	BF378B6 10/100
<b>372</b> Blank Cap	BF3721 10/650	BF3722 10/400	BF3723 10/200	BF3724 5/80	BF3725 5/100	BF3726 10/50
<b>074</b> Blanking Plug	BF0741 10/600	BF0742 10/300	BF0743 5/200	BF0744 5/80	BF0745 5/70	BF0746 5/50
<b>350</b> Tank Connector	BF3501 10/100	BF3502 10/80	BF3503 5/80	BF3504 1/50	BF3505 1/40	BF3506 1/15

Reduced Fitting	1/2" x 3/4"	3/4" x 1/2"	3/4" x 1"	1" x 1/2"	1" x 3/4"
<b>310</b> Reducing Straight C x C		BF31021 10/150		BF31031 5/100	BF31032 5/100
<b>311</b> Red. Male Coupler MI x C	BF31112 10/150	BF31121 5/100	BF31123 5/100		BF31132 5/100
<b>312</b> Red. Female Coupler FI x C	BF31212 5/200	BF31221 10/180	BF31223 5/100		BF31232 5/80
<b>317</b> Reducing Elbow FI x C	BF31712 10/130	BF31721 10/120	BF31723 5/100		BF31732 5/80
<b>316</b> Reducing Elbow MI x C	BF31612 10/150	BF31621 10/130	BF31623 5/100		BF31632 5/100

	1/2" x 1/2"	3/4" x 1/2"	3/4" x 3/4"	3/4" x 1"	1" x 1/2"	1" x 3/4"	1" x 1"	1 1/4" x 1"	1 1/2" x 1"	1 1/2" x 1 1/4"	2" x 1"
<b>318</b> Reducing Tee C x C x C	BF318112 10/80	BF318211 5/100	BF318212 5/80	BF318221 5/80	BF318223 5/50	BF318311 5/40	BF318313 5/40	BF318322 5/50	BF318323 5/50	BF318331 5/60	BF318332 5/50
<b>330</b> Red. Female Tee C x C x FI				BF330221 5/50						BF330331 5/40	BF330332 5/50

	1/2" x 1/4"	3/4" x 1/4"	1/2" x 3/8"	3/4" x 1/2"	1" x 1/2"	1" x 3/4"	1 1/4" x 1/2"	1 1/4" x 3/4"	1 1/4" x 1"	1 1/2" x 1/2"	1 1/2" x 3/4"	1 1/2" x 1"	1 1/2" x 1 1/4"	2" x 1/2"	2" x 3/4"	2" x 1"	2" x 1 1/4"	2" x 1 1/2"
<b>348</b> Reducers				BF34821 10/400	BF34831 10/200	BF34832 10/200	BF34841 5/120	BF34842 5/120	BF34843 5/120	BF34851 5/80	BF34852 5/80	BF34853 5/80	BF34854 5/120	BF34861 5/40	BF34862 5/50	BF34863 5/60	BF34864 5/60	BF34865 5/50
<b>042</b> Bush	BF04200 10/600	BF04201 10/1000	BF04210 10/400	BF04221 10/500	BF04231 10/180	BF04232 5/100	BF04241 5/120	BF04242 5/150	BF04243 5/170	BF04251 5/80	BF04252 5/100	BF04253 5/120	BF04254 5/100			BF04263 5/50	BF04264 5/50	BF04265 5/80

Additional Info: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

P.O.: \_\_\_\_\_

Fitting	1/2"	3/4"	1"
<b>351</b> Stop End	BF3511 10/300	BF3512 10/200	BF3513 10/100
<b>342</b> Socket FI x FI	BF342001 10/250	BF342002 10/150	BF342003 5/100
<b>471</b> Elbow & Drain off	BF4711 5/50	BF4712 5/50	BF4713 5/40
<b>171</b> Straight & Drain off	BF1711 5/90	BF1712 5/50	BF1713 5/40
<b>871</b> Male Elbow & Drain off		BF8712 5/50	BF8713 5/40
<b>340</b> MI x FI Adaptor		BF3402 10/100	BF3403 5/50
<b>320</b> Cylinder Tee MI x C x C		BF320222 5/50	BF320333 5/50
<b>327</b> Swivel Elbow FI x C	BF3271 5/100		
<b>314</b> Swivel Coupler FI x C	BF3141 5/200		
M.T. Cock	BFMTCK1 10/300		

	1/2"	3/4"	1" x 3/4"
<b>321</b> Wall Plate FI x C	BF3211 10/100	BF3212 5/50	BF32112 5/60

BSP Blank Cap		BFCAP2 10/200 3/4"	BFCAP3 10/400 1"	BFCAP4 10/100 1 1/4"	BFCAP5 10/100 1 1/2"	BFCAP6 3/50 2"
038 Hex Nipple	BF038007 10/400 1/8"	BF038008 10/400 1/4"	BF038009 10/300 3/8"	BF038001 10/200 1/2"	BF038002 10/100 3/4"	BF038003 10/100 1"

Brass Polyadaptors	Inner	Outer
<b>1/2"</b> Polyadaptor	BFPOL11 20/1000	BFPOL12 20/900
<b>3/4"</b> Polyadaptor	BFPOL21 20/600	BFPOL22 20/500
<b>1"</b> Polyadaptor	BFPOL31 20/300	BFPOL32 20/280

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Customer: \_\_\_\_\_ P.O.: \_\_\_\_\_ Date: \_\_\_\_\_

TRVs & Rad Valves	Code	Qty
TRV c/w Lockshield	EMTRVB	1/20
TRV only	EMTRVA	1/40
RAD Valve	EMR01	15/60
Multilayer TRV	EMTRVMLP	1/25
Chrome Rad Extensions	Code	Qty
15mm	EMX015	10/300
20mm	EMX020	10/300
25mm	EMX025	10/300
30mm	EMX030	10/300
40mm	EMX040	10/200
50mm	EMX050	5/100
60mm	EMX060	5/100

Ball Valves Compression	Code	Qty
1/2" Standard	VB051	15/60
3/4" Standard	VB052	10/40
1" Standard	VB053	6/24

1/2" Compression	VBHP051	10/70
3/4" Compression	VBHP052	8/48
1" Compression	VBHP053	5/30
1 1/4" Compression	VBHP054	4/20
1 1/2" Compression	VBHP055	3/15
2" Compression	VBHP056	1/5

Gate Valves Compression	Code	Qty
1/2" Compression	VB042	10/100
3/4" Compression	VB043	8/80
1" Compression	VB044	5/50

Gate Valves Heavy Pattern	Code	Qty
1/2" Compression	VBHP042	8/80
3/4" Compression	VBHP043	6/60
1" Compression	VBHP044	3/30

Ball Valves BSP	Code	Qty
3/8" F x F	CV001	12/192
1/2" F x F	VB002	12/120
3/4" F x F	VB003	10/60
1" F x F	VB004	6/36
1 1/4" F x F	VB005	4/20
1 1/2" F x F	VB006	4/16
2" F x F	VB007	2/10

1/2" M x F	VB571	1/80
3/4" M x F	VB572	10/40
1" M x F	VB573	6/24
1 1/4" M x F	VB574	1/16
1 1/2" M x F	VB575	1/16
2" M x F	VB576	1/8
Gate Valves Female	Code	Qty
1/2" F x F	VB922	10/100
3/4" F x F	VB933	1/50
1" F x F	VB944	4/40

Stopcocks	Code	Qty
1/2" Compression	VB711	12/72
3/4" Compression	VB722	5/50

Filling Loop	Code	Qty
1/2" Straight Pattern	EMFL1	1/30
1/2" with Inline T	EMFL2	1/25
Filling Loop with gauge	EMFL3	1/25

Flexi Hose	Code	Qty
1/2" 10mm Bore 300mm w/iso	EMBW130	10/100
1/2" 10mm Bore 500mm w/iso	EMBW150	10/100
3/4" 12mm Bore 300mm w/iso	EMBW530	10/50
3/4" 12mm Bore 500mm w/iso	EMBW550	10/50

Flexi Hose	Code	Qty
1/2" 15mm Bore 300mm w/iso	EMB130	10/100
1/2" 15mm Bore 500mm w/iso	EMB150	10/100

Flexi Hose F x Comp.	Code	Qty
1/2" 10mm Bore 300mm	EMB131	10/100
1/2" 10mm Bore 500mm	EMB151	10/100
3/4" 12mm Bore 300mm	EMB531	10/50
3/4" 12mm Bore 500mm	EMB551	5/50

3/4" 19mm Bore 300mm	EMB731	10/30
3/4" 19mm Bore 500mm	EMB751	10/30

1/2" F x F 8mm Bore 300mm	EMBF131	10/100
1/2" F x F 8mm Bore 500mm	EMBF151	10/100

Manifolds	Code	Qty
3/4" x 2 Port	EM322	1/73
3/4" x 3 Port	EM323	1/50
3/4" x 4 Port	EM324	1/36
1" x 2 Port	EM422	1/50
1" x 3 Port	EM423	1/36
1" x 4 Port	EM424	1/27

Isolating Valves	Code	Qty
1/2" WRAS	VB101	10/200
3/4"	VB102	5/100
15mm Metric	VB103	10/200
1/2" Full Flow	VB104	5/110

Service Valves	Code	Qty
Straight 1/2"	VB201	10/200
Angle 1/2"	VB202	10/180

Miscellaneous	Code	Qty
3 Bar 1/2" F x F Safety Valve	EMSV13	20/160
6 Bar 1/2" F x F Safety Valve	EMSV16	10/150
7 Bar 1/2" F x F Safety Valve	EMSV17	20 / 160
1/2" Bottle Air Vent	EMA01	1/100
1/2" NARROW Air Vent	EMA02	1/50
3/8" Oil Filter <b>FAG</b>	EMF38F	5/200

1/2" Filling Valve	EMF01	1/15
3/4" Auto ByPass Valve	EMABV	1/50

Washing Machine Valves	Code	Qty
1/2" x 3/4" Valve	VBW01	24/120
1/2" x 3/4" Tee	VBW02	1/100
Washing Machine Y	EMBY	1/100

Washing Machine Hoses	Code	Qty
<b>BLUE</b> 3/4" Female 1.5M	EMBB150	1/20
<b>RED</b> 3/4" Female 1.5M	EMBR150	1/60
<b>BLUE</b> 3/4" Female 2.5M	EMBB250	1/15
<b>RED</b> 3/4" Female 2.5M	EMBR250	1/30

Circ. Pump Valves	Code	Qty
3/4" Female	VBP23	10/100
1" Female	VBP24	5/50
3/4" Compression	VBP43	6/60
1" Compression	VBP44	5/50

Ballcocks	Code	Qty
1/2" HP 2" T 9" A Plastic L/Nut	BC1000	1/50
1/2" HP 2" T 9" A Brass L/Nut	BC1001	1/50
1/2" HP 2" T 6" A Brass L/Nut	BC1003	1/50

1/2" HP 3" T 6" A Brass L/Nut	BC2001	1/50
1/2" LP 3" T 6" A Brass L/Nut	BC2002	1/35
1/2" LP 2" T 9" A Brass L/Nut	BC2321	1/50
3/4 HP FV 3" T13" A Brass Nut	BC3011	1/30

3/4" HI Flow Agri 5" T 13" A	BC3011L	1/30
3/4" HP 2" T 13" A Brass nut 48mm	BC3011S	1/30
1/2" HI Flow Agri Float Valve 9" A 4" T	BC2241	1/50

1" HP 2" T 15" A	BC4225	1/10
1 1/2" HP 2" T 22" A	BC6222	1/10
2" HP 2" T 29" A	BC7229	1/6

Floats	Code	Qty
4 1/2" Plastic	BC9045	1/50
4 1/2" Plastic Cylindrical	BC9046	1
5 1/2" Plastic - 5/16" Thread	BC9055	1/50

6" Plastic - 5/16" Thread	BC9060	1/40
8" Plastic	BC9080	10/20
4 1/2" Copper	BC9145	1

Taps	Code	Qty
1/2" Lever Tap	VB272	10/100
3/4" Lever Tap	VB372	6/60
1/2" Bib Tap	VB172	10/100

3/4" Bib Tap	VB173	6/60
1/2" Arctic Bibcock Tap	VBA72	5/40
3/4" Arctic Bibcock Tap	VBA73	5/25

1/2" Chrome Nut & Tail	VB132	5/10
3/4" Chrome Nut & Tail	VB143	5/10
1/2" Brass Nut & Tail	VBB32	10/100

3/4" Brass Nut & Tail	VBB43	10/50
1/2" Freeze Resistant Tap	FR72	10/90
Nylon Mobile Bip Tap Hose Connector	MBH32	5/50

Non Return Valves
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Customer: P.O.: Date:

ITap Commercial Ball Valve F x F		
Available from 1/2" - 4"	CODE	QTY
1/2" F x F	CV002	15
3/4" F x F	CV003	8
1" F x F	CV004	8
1 1/4" F x F	CV005	4
1 1/2" F x F	CV006	4
2" F x F	CV007	2
ITap Brass Gate Valve F x F		
Available from 1/2" - 4"	CODE	QTY
1/2" F x F	CV942	12/96
3/4" F x F	CV943	10/80
1" F x F	CV944	5/45
1 1/4" F x F	CV955	4
1 1/2" F x F	CV966	2
2" F x F	CV977	2
ITap Union Valves M x F		
Butterfly Valve	CODE	QTY
1/2" M x F	CV302	8
3/4" M x F	CV303	6
1" M x F	CV304	6
1 1/4" M x F	CV305	4
1 1/2" M x F	CV306	2
2" M x F	CV307	2
ITap GAS Ball Valve F x F		
	CODE	QTY
1/2" F x F	CVG02	10/80
3/4" F x F	CVG03	8/64
1" F x F	CVG04	6/48
1 1/4" F x F	CVG05	4/24
1 1/2" F x F	CVG06	2
2" F x F	CVG07	2
Compression GAS Valve		
	CODE	QTY
1/2"	VBG51	1
3/4"	VBG52	1
1"	VBG53	1
Ecological Ball Valve F x F		
	CODE	QTY
1/2" F x F	CVE02	1
3/4" F x F	CVE03	8
1" F x F	CVE04	6
1 1/4" F x F	CVE05	4
1 1/2" F x F	CVE06	1
2" F x F	CVE07	1
Pressure Reducing Valves		
	CODE	QTY
1/2"	PRV002	1/34
3/4"	PRV003	1/34
1"	PRV004	1/18
1 1/4"	PRV005	1/9
1 1/2"	PRV006	1/9
2"	PRV007	1
3/4" Itap Minipress PRV	MPRV003	4

ITap Europa Foot Valve		
	CODE	QTY
3/4"	CV013	6
1"	CV014	4
1 1/4"	CV015	4
1 1/2"	CV016	2
2"	CV017	2
2 1/2"	CV018	1
3"	CV019	1
4"	CV020	1
ITap Spare Filter		
	CODE	QTY
3/4"	CV113	20
1"	CV114	20
1 1/4"	CV115	10
1 1/2"	CV116	10
2"	CV117	4
2 1/2"	CV118	1
3"	CV119	1
4"	CV120	1
ITap Brass Europa N.R.V. (Spring)		
	CODE	QTY
1/2" F x F	CV021	10
3/4" F x F	CV022	8
1" F x F	CV023	6
1 1/4" F x F	CV024	4
1 1/2" F x F	CV025	4
2" F x F	CV026	2
2 1/2" F x F	CV027	1
3" F x F	CV028	1
4" F x F	CV029	1
3/8" F x F	CV030	1
ITap Swing Flap N.R.V.		
	CODE	QTY
1/2" F x F	CV221	16/128
3/4" F x F	CV222	12/96
1" F x F	CV223	8/56
1 1/4" F x F	CV224	5/40
1 1/2" F x F	CV225	4/32
2" F x F	CV226	2/24
2 1/2" F x F	CV227	1/12
3" F x F	CV228	1/10
4" F x F	CV229	1/4
ITap Y Strainer - Nickel Plated		
	CODE	QTY
1/2" F x F	CVY114	10
3/4" F x F	CVY115	10/80
1" F x F	CVY116	8
1 1/4" F x F	CVY117	5
1 1/2" F x F	CVY118	2
2" F x F	CVY119	2
ITap Lever Lock		
	CODE	QTY
1/4" - 1/2" LBV Lever Lock	CVLK01	10
3/4" - 1" LBV Lever Lock	CVLK02	10

Hose Adaptors		
	CODE	QTY
1/2" x 13mm	HA002	
3/4" x 20mm	HA003	
1" x 25mm	HA004	
1 1/4" x 32mm	HA005	
1 1/2" x 38mm	HA006	
2" x 50mm	HA007	
1/2" x 16mm	HA012	
3/4" x 13mm	HA031	
3/4" x 16mm	HA032	
1" x 20mm	HA035	
1 1/4" x 25mm	HA054	
1 1/2" x 50mm	HA067	
PTFE Tapes		
	CODE	QTY
12mm x 0.075mm (10mtrs)	PTFEB	250
12mm x 0.075mm (12mtrs)	PTFES	250
Professional PTFE Tape	PTFEPRO	
GAS Tape WRAS Approved	PTFEGAS	250
19mm x 0.075mm (12mtrs)	PTFEW	
2mm x 80mtrs - String	PTFESTRING	
Tools		
	CODE	QTY
Pipe Cutter 32mm	MTC0732	
Pipe Cutter 64mm	MTC0764	
Soft Pipe Cutter 37mm	1767	
Pipe Cutter 36mm	1768	
Pipe Cutter 42mm	1769	
Mini Squeeze Off 32mm	SOU01	
Large Squeeze Off 32mm	SOU02	
Squeeze Off 63mm	SOU03	
Jet Spray Nozzle Complete	J35001	
Nose Nipple for Jet Spray	J35003	
Spray Gun	SPRAYGUN	
IBC Connectors		
	CODE	QTY
Swivel Connector x 3/4" FI BSP	SB1	
Swivel Connector x 1" FI BSP	SB2	
Swivel Connector x 2" FI BSP	SB3	
Pump Spares		
	CODE	QTY
Float Switch 3 mtrs	Z08	1
Float Switch 10 mtrs	Z09	1
South Titan Pressure Switch	Z20	25
Tele Pressure Switch 0-6 bar	Z07	10
Tele Pressure Switch 3-12 Bar	Z07H	10
Loss of Prime Pressure Switch	Z10	1
3 Way Connector	Z01	5
5 Way Connector	Z02	5
1/4" BSP 0-6 Bar Gauge	Z14	1
1/4" BSP 0-10 Bar Gauge	Z15	1

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Customer:

Order Number:

METRIC IMPERIAL	½"	¾"	1"	1¼"	1½"	2"	NORMAL GAUGE	½"	¾"	1"	1¼"	1½"	2"			
MET-IMP JOINER 310	9122 10	9133 10	9144 5	9155 1	9166 1	9177 1	N-G JOINER 310	934122 10	934133 10	934144 5	934155 1	934166 1	934177 1			
MET-IMP PXP TEE 318	9322 10	9333 5	9344 5	9355 1	9366 1	9377 1	N-G PXP TEE 318	934322 10	934333 5	934344 5	934355 1	934366 1	934377 1			
MET-IMP F.I. ELBOW 317	9621 10	9632 10	9643 5	9654 1	9665 1	9676 1	N-G F.I. ELBOW 317	934621 10	934632 10	934643 5	934654 1	934665 1	934676 1			
MET-IMP F.I. ENC CON 312	9821 10	9832 10	9843 5	9854 1	9865 1	9876 1	N-G F.I. END CON 312	934821 10	934832 10	934843 5	934854 1	934865 1	934876 1			
MET-IMP PXP ELBOW 315	9522 10	9533 10	9544 5	9555 1	9566 1	9577 1	N-G PXP ELBOW 315	934522 10	934533 10	934544 5	934555 1	934566 1	934577 1			
MET-IMP M.I. ENC CON 311	9221 10	9232 10	9243 5	9254 1	9265 1	9276 1	N-G M.I. END CON 311	934221 10	934232 10	934243 5	934254 1	934265 1	934276 1			
MET-IMP PXF.I. TEE 330	9421 10	9432 10	9443 5	9454 1	9465 1	9476 1	N-G PXF.I TEE 330	934421 10	934432 10	934443 5	934454 1	934465 1	934476 1			
MET-IMP BALL VALVE 367	95272 1	95372 1	95373 1				N-G BALL VALVE 367	994272 5	994372 5	994373 5						
N-G ASSEMBLY	93002 10	93003 10	93004 10	93005 5	93006 5	93007 5	MET-IMP ASSEMBLY	99002 20	99003 20	99004 10	99005 5	99006 5	99007 5			
BRASS MET-IMP WALL PLATE	90226 5	90326 5					BRASS N-G WALL PLATE	9340226 5	9340326 5							
BLANKING PLUG	9128 10	9138 10	9148 5	9158 5	9168 5	9178 5	BALL VALVE FIXFI		55002 1	55003 1	55004 1	55005 1	55006 1			
PIPE LINERS	78002 10	78003 10	78004 10	78005 5	78006 5	78007 5	PIPE LINERS	434122 10	434133 10	434144 10	434155 5	434166 5	434177 1			
	½" x ¾"	¾" x ½"	1" x ¾"	1¼" x 1"	1½" x 1¼"	2" x 1½"		½" x ¾"	¾" x ½"	1" x ¾"	1¼" x 1"	1½" x 1¼"	2" x 1½"			
MET-IMPRED. JOINER		9132 10	9143 5	9154 1	9165 1	9176 1	N-G RED. JOINER		934132 10	934143 5	934154 1	934165 1	934176 1			
MET-IMPRED. TEE		9332 5	9343 5	9354 1	9365 1	9376 1	N-G RED. TEE		934332 5	934343 5	934354 1	934365 1	934376 1			
MET-IMP RED. F.I. ELBOW	9622 10	9631 10					N-G RED. F.I. ELBOW	934622 10	934631 10							
MET-IMP RED. F.I. END CON	9822 10	9831 10	9842 5				N-G RED. F.I. END CON	934822 10	934831 10	934842 5						
MET-IMPRED. ELBOW		9532 10					N-G RED. ELBOW		934532 10							
MET-IMP RED. M.I. END CON	9222 10	9231 10	9242 5	9253 1		9275 1	N-G RED. M.I. END CON	934222 10	934231 10	934242 5	934253 1					
MET-IMPRED. F.I. TEE	9422 10	9431 5	9442 5				N-G RED. F.I. TEE	934422 10	934431 5	934442 5						
	¾" x ½"	1" x ½"	1" x ¾"	1½" x ¾"	1½" x 1"	2" x ¾"		¾" x ½"	1" x ½"	1" x ¾"						
MET-IMP RED. ASSEMBLY	98032 10	98042 10	98043 10	98063 5	98064 5	98073 5	N-G RED. ASSEMBLY	93132 10	93142 10	93143 10						
**NIPPLES**	4211 ½" 10	4222 ¾" 10	4233 1" 10	4244 1¼" 10	4255 1½" 10	4266 2" 10										
	¾" x ½"	1" x ½"	1" x ¾"	1¼" x ½"	1½" x ¾"	1½" x 1"	1½" x ½"	1½" x ¾"	1½" x 1"	1½" x 1¼"	2" x ½"	2" x ¾"	2" x 1"	2" x 1¼"	2" x 1½"	3" x 2"
REDUCING BUSH	4121 10	4131 10	4132 10	4141 10	4142 10	4143 10	4151 10	4152 10	4153 10	4154 10	4161 10	4162 10	4163 10	4164 10	4165 10	4186 1
**REDUCING NIPPLE**	4221 10	4231 10	4232 10	4241 10	4242 10	4243 10	4251 10	4252 10	4253 10	4254 10	4261 10	4262 10	4263 10	4264 10	4265 10	

UTC'S	PIPE CUTTERS	CODE
1032	36mm SMALL	1768
1033		
1042		
1043	42mm MEDIUM	1769
1052		
1053		
1133	63mm LARGE	1770
1144		
1155		
1232	PEX PIPE CUTTER	1767
1242		
1252		

FOR COMPLETE RANGE OF UTCS AND OTHER PRODUCTS SEE CATALOGUE

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## NOTES

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