

## CONTENTS

DESCRIPTION	PAGE NO
<b>SECTION 1:</b>	<b>Section 1:</b>
<b>Anka Cold Fit Polythene Pipe Fittings</b>	
LD pipe fittings	1 - 4
Threaded union	5
Pipe union	
Hose nozzles	6
Hose tails	
Repair kit - nozzles	
Anka in-line nozzles	7
Anka trigger gun	
Snap on adaptor	
Anka swivel union	
Ankaloc quick-lock couplings	8
Anka Tank Fittings	
<b>SECTION 2:</b>	<b>Section 2:</b>
<b>Metric OD Fittings</b>	
Philmac 3G compression fittings	1-5
Philmac tapping saddles	5
Philmac collet & seal kits	
Philmac spanners	
Philmac transition fittings	6
Philmac rural fittings	7
Macflo® MDPE pipe fittings	8-11
Macflo® Tapping saddles	12
Poly Spanner	12
Pipe Reamer	12
<b>SECTION 3:</b>	<b>Section 3:</b>
<b>Stainless Steel Pipe Fittings</b>	
Pipe fittings and goosenecks	1-2
<b>SECTION 4:</b>	<b>Section 4:</b>
<b>Threaded Fittings</b>	
Philmac polypropylene	1-4
Polypropylene Risers	4
Polypropylene Tank fittings / PVC Threaded	5
316 Stainless Steel Threaded Fittings	6-8
S/S & Galv Male Hosetails / Joiners / Strainers	9
Munzing Rings / Rods / Base Plates	10
Brass Fittings / Barrell Nipples	11-16
Normaplast Connectors	17-18
M/F Swivel Adapter	19
3 piece union	19
5-way pump connector	19
Galv A clamps	20
Galvanised pipe fittings	21-28
Galv wrought pieces and barrel nipples	28-32
<b>SECTION 5:</b>	<b>Section 5:</b>
<b>Valves</b>	
Lever, T handle, f/f, m/f short thread & gas f/f	1
Flat lever handle, m/m	2
Union ball valves, right angle ball valves	
Long thread ball valve	3
Macflo® ball valve - stainless steel handle	
Macflo® lever handle ball valve	
Macflo® right angle ball valve	
Macflo® aluminium T handle ball valve	4
Macflo® stainless steel ball valves	
Macflo® Nylon Ball Valve	
Europa check valves	5
Footvalve screens	
Macflo® s/s check valves	

DESCRIPTION	PAGE NO
<b>SECTION 5: continued</b>	Section 5: 6
Ball Hose taps	
Macflo® Nylon T-handle ball valve	
Brass garden hose taps	
Hose Tap Washer / Jumper Valve	
Philmac Check valves	7
Anka spring check valves	
Anka Foot valve screens	
Macflo® PVC double union check valve	
Pressure reducing valves	8
Air vent valve	
Air bleed valve	
Gate valves, f/f, m/f, m/m	9
L & T port ball valves	
Kitz swing check valves	10
Brass swing check valves	
Macflo® s/s swing check valves	
Macflo® cast iron ball check valve	
Double union PVC ball valves	11
Macflo® Compact PVC ball valves	
Philmac ball valves	
Philmac air release valve	
Anka vacuum break valve	
Mini ball valves	12
Dishwasher taps	
Duplex washing machine tap	
Angle hose tap	
Washing Machine tap	
Macflo® Micro isolating valve	
Cistern taps	13
Plastic drum tap	
Dairy cock and spares	
Macflo® PVC slide valve	14
PVC slide valve	
<b>SECTION 6: Trough Valves</b>	Section 6: 1
Philmac brass full flow	
Philmac plastic full flow	
Philmac stock proof trough valve	
Philmac OPTI-Phil Float Valve	
Philmac Ball Float	
Brass full flow	2
Brass hi lo	
Ballfloats and spares	
Philmac float valve rig	
Reservoir valves	3
Tank level water indicator	
Stainless steel ballcocks	
Stainless steel Cocky ballcocks	4
Stainless steel Cocky valves Ulti Flo™	
<b>SECTION 7: Tank Fittings</b>	Section 7: 1
PVC up to 100mm	
Skin fitting, m/f and brass	2
PVC adaptor IBC	

DESCRIPTION	PAGE NO
<b>SECTION 8:</b>	Section 8:
<b>Filters</b>	
Irritec polypropylene Macflo® inline filters	1
Polypropylene inline filters	2
Replacement screens	
Brass Y	3
Y Filter Screens	
<b>SECTION 9:</b>	Section 9:
<b>Camlocks</b>	
Aluminium for MDPE (Effluent)	1
Aluminium economy	2-3
Polypropylene	3-4
Stainless Steel	5-6
Aluminium for (Effluent)	6-7
<b>SECTION 10:</b>	Section 10:
<b>Hoses</b>	
PVC washdown hose	1
Agricultural spray hose	
Non-toxic pressure flex	
PVC suction hose	2
Layflat hose	
Stainless steel flexible hoses	3
<b>SECTION 11:</b>	Section 11:
<b>NORMA Clips and Clamps</b>	
Heavy duty hose clamps	1
Stainless steel hose clips	2
Normafix worm drive band coil	3
Norma closure buckle	
Flexidriver and screwdriver	
Screwdriver for heavy duty clamps	
Norma heavy duty hose clamps WH4	
Norma cobra clips & hand tool	
Norma merchandisers	4
Normafix cable ties	5
<b>SECTION 12:</b>	Section 12:
<b>Accessories</b>	
Pressure and float switch	1
Presscontrol	
Macleen handwash	
Maclon hand sanitiser	
RX compression fittings	2-5
Water meters	5
Ceelon tape	6
Loxeal liquid threadsealant	
Emerkit	
Leather cup washers	7
Stub Drills	
Polywashers	
PVC slotted sandscreens	8
Galvanised pipe saddles	
Pressure and vacuum gauges	
Kwikcut pipe cutters	9
Macflo® Ratchet cutters / pipe cutter	
Macflo® Replacement Blades	
Handsaw	
Wire rope saw	
Toilet pan screws	10
Stainless steel washers	
Rubber washers	



## ANKA COLD FIT POLYTHENE PIPE FITTINGS

Glass reinforced nylon

Max working pressure 200 psi

NOTE: for reducing threaded fittings - thread size is first two numbers of code

CODE DESCRIPTION

### STRAIGHT COUPLING

ASC15	15mm Straight Coupling
ASC20	20mm Straight Coupling
ASC25	25mm Straight Coupling
ASC32	32mm Straight Coupling
ASC40	40mm Straight Coupling
ASC50	50mm Straight Coupling



### LONG STRAIGHT COUPLING

ASCL15	15mm Long Straight Coupling
ASCL20	20mm Long Straight Coupling
ASCL25	25mm Long Straight Coupling



### REDUCING COUPLING

ARC2015	20 x 15mm Reducing Coupling
ARC2515	25 x 15mm Reducing Coupling
ARC2520	25 x 20mm Reducing Coupling
ARC3220	32 x 20mm Reducing Coupling
ARC3225	32 x 25mm Reducing Coupling
ARC4025	40 x 25mm Reducing Coupling
ARC4032	40 x 32mm Reducing Coupling
ARC5040	50 x 40mm Reducing Coupling



### MALE COUPLING

AMC15	15mm Male Coupling
AMC20	20mm Male Coupling
AMC25	25mm Male Coupling
AMC32	32mm Male Coupling
AMC40	40mm Male Coupling
AMC50	50mm Male Coupling



### REDUCING MALE COUPLING

ARMC1520	15 x 20mm Reducing Male Coupling
ARMC2015	20 x 15mm Reducing Male Coupling
ARMC2025	20 x 25mm Reducing Male Coupling
ARMC2515	25 x 15mm Reducing Male Coupling
ARMC2520	25 x 20mm Reducing Male Coupling
ARMC3220	32 x 20mm Reducing Male Coupling
ARMC3225	32 x 25mm Reducing Male Coupling



**ANKA COLD FIT POLYTHENE PIPE FITTINGS**

Glass reinforced nylon

Max working pressure 200 psi

NOTE: for reducing threaded fittings - thread size is first two numbers of code

CODE DESCRIPTION

**BEND**

AB15	15mm Bend
AB20	20mm Bend
AB25	25mm Bend
AB32	32mm Bend
AB40	40mm Bend
AB50	50mm Bend



**MALE BEND**

AMB15	15mm Male Bend
AMB20	20mm Male Bend
AMB25	25mm Male Bend
AMB32	32mm Male Bend
AMB40	40mm Male Bend
AMB50	50mm Male Bend



**LONG MALE BEND**

AMBL15	15mm Long Male Bend
AMBL20	20mm Long Male Bend
AMBL25	25mm Long Male Bend



**REDUCING MALE BEND**

ARMB1520	15 x 20mm Reducing Male Bend
ARMB2015	20 x 15mm Reducing Male Bend
ARMB2025	20 x 25mm Reducing Male Bend
ARMB2520	25 x 20mm Reducing Male Bend



**LONG REDUCING MALE BEND**

ARMBL1520	15 x 20mm Long Reducing Male Bend
ARMBL2015	20 x 15mm Long Reducing Male Bend
ARMBL2025	20 x 25mm Long Reducing Male Bend
ARMBL2520	25 x 20mm Long Reducing Male Bend



**ANKA COLD FIT POLYTHENE PIPE FITTINGS**

Glass reinforced nylon

Max working pressure 200 psi

NOTE: for reducing threaded fittings - thread size is first two numbers of code

CODE DESCRIPTION

**TEE**

AT15	15mm Tee
AT20	20mm Tee
AT25	25mm Tee
AT32	32mm Tee
AT40	40mm Tee
AT50	50mm Tee



**MALE TEE**

AMT15	15mm Tee - 20mm Male Thread
AMT20	20mm Tee



**REDUCING TEE**

ART1520	15 x 20mm Reducing Tee
ART2015	20 x 15mm Reducing Tee
ART2025	20 x 25mm Reducing Tee
ART2515	25 x 15mm Reducing Tee
ART2520	25 x 20mm Reducing Tee
ART3220	32 x 20mm Reducing Tee
ART3225	32 x 25mm Reducing Tee
ART4025	40 x 25mm Reducing Tee
ART4032	40 x 32mm Reducing Tee
ART5032	50 x 32mm Reducing Tee
ART5040	50 x 40mm Reducing Tee



**FEMALE COUPLING**

AFC15	15mm Female Coupling
AFC20	20mm Female Coupling
AFC25	25mm Female Coupling
AFC32	32mm Female Coupling
AFC40	40mm Female Coupling
AFC50	50mm Female Coupling



**FEMALE TEE**

AFT15	15mm Female Tee
AFT20	20mm Female Tee
AFT25	25mm Female Tee
AFT32	32mm Female Tee
AFT40	40mm Female Tee
AFT50	50mm Female Tee



**ANKA COLD FIT POLYTHENE PIPE FITTINGS**

Glass reinforced nylon

Max working pressure 200 psi

NOTE: for reducing threaded fittings - thread size is first two numbers of code

CODE DESCRIPTION

**BRACKET ELBOW**

ABE15 15mm Bracket Elbow  
 ABE20 20mm Bracket Elbow



**REDUCING BRACKET ELBOW**

ARBE1520 15 x 20mm Reducing Bracket Elbow  
 ARBE2015 20 x 15mm Reducing Bracket Elbow  
 ARBE2025 20 x 25mm Reducing Bracket Elbow



**FEMALE BEND**

AFB15 15mm Female Bend  
 AFB20 20mm Female Bend  
 AFB25 25mm Female Bend  
 AFB32 32mm Female Bend  
 AFB40 40mm Female Bend  
 AFB50 50mm Female Bend



**REDUCING FEMALE COUPLING**

ARFC2015 20 x 15mm Reducing Female Coupling  
 ARFC2520 25 x 20mm Reducing Female Coupling  
 ARFC3225 32 x 25mm Reducing Female Coupling  
 ARFC4032 40 x 32mm Reducing Female Coupling  
 ARFC5040 50 x 40mm Reducing Female Coupling



**REDUCING FEMALE BEND**

ARFB2015 20 x 15mm Reducing Female Bend  
 ARFB2025 20 x 25mm Reducing Female Bend  
 ARFB2520 25 x 20mm Reducing Female Bend  
 ARFB3225 32 x 25mm Reducing Female Bend  
 ARFB4032 40 x 32mm Reducing Female Bend  
 ARFB5040 50 x 40mm Reducing Female Bend



**ANKA COLD FIT POLYTHENE PIPE FITTINGS**

Glass reinforced nylon

Max working pressure 200 psi

NOTE: for reducing threaded fittings - thread size is first two numbers of code

CODE DESCRIPTION

**HOSETAIL UNION**

AU20	20mm Thread x 20mm Hosetail Union
AU2025	20mm Thread x 25mm Hosetail Union
AU2032	20mm Thread x 32mm Hosetail Union
AU25	25mm Thread x 25mm Hosetail Union
AU2520	25mm Thread x 20mm Hosetail Union
AU2532	25mm Thread x 32mm Hosetail Union
AU32	32mm Thread x 32mm Hosetail Union
AU3220	32mm Thread x 20mm Hosetail Union
AU3225	32mm Thread x 25mm Hosetail Union



**MALE PIECE**

AUM20	20mm Union Male Piece
AUM25	25mm Union Male Piece
AUM32	32mm Union Male Piece



**UNION PIPE PIECE**

AUP20	20mm Union Pipe Piece
AUP25	25mm Union Pipe Piece
AUP32	32mm Union Pipe Piece



**PIPE UNION**

APU20	20mm Female Threaded Pipe Union
APU25	25mm Female Threaded Pipe Union
APU32	32mm Female Threaded Pipe Union
APU40	40mm Female Threaded Pipe Union
APU50	50mm Female Threaded Pipe Union



**ANKA WASHDOWN NOZZLES, TAILS, REPAIR KITS**

Glass reinforced nylon

Body and hose tail material:

Nut and bolt:

O ring:

Nozzle protector:

CODE DESCRIPTION

**HOSE NOZZLES**

AHNS25	25mm Hose Nozzle - Small
AHNS32	32mm Hose Nozzle - Small
AHN32	32mm Hose Nozzle
AHN40	40mm Hose Nozzle



**HOSE TAIL**

AHT15	½" BSP x 15mm Hose Tail
AHT20	¾" BSP x 20mm Hose Tail
AHT25	1" BSP x 25mm Hose Tail
AHT32	1¼" BSP x 32mm Hose Tail
AHT40	1½" BSP x 40mm Hose Tail
AHT50	2" BSP x 50mm Hose Tail
AHT2520	1" BSP x 20mm Hose Tail
AHT3225	1¼" BSP x 25mm Hose Tail
AHT4032	1½" BSP x 32mm Hose Tail



**DISPLAY BOX HOSE NOZZLES & TAILS**

AHNS25D	Display Box - 10 x AHNS25 Incl Hose Tails
AHNS32D	Display Box - 10 x AHNS32 Incl Hose Tails
AHN32D	Display Box - 5 x AHN32 Incl Hose Tails
AHN40D	Display Box - 5 x AHN40 Incl Hose Tails



**REPAIR KIT - NOZZLES**

ARKL	For 32mm and 40mm Large Washdowns
ARKS	For 25mm and 32mm Small Washdowns
ARKT	For 20mm Trigger Spray Gun
ARKTH	For 20mm Trigger Spray Gun (HOT WATER)



**ANKA COLD FIT POLYTHENE PIPE FITTINGS**

Glass reinforced nylon

Max working pressure 200 psi

NOTE: for reducing threaded fittings - thread size is first two numbers of code

CODE DESCRIPTION

**ANKA INLINE NOZZLE**

Glass reinforced nozzle

AHN20 20mm In-Line Nozzle



**ANKA TRIGGER GUN**

ATG20 20mm Trigger Gun

ATGH20 20mm Trigger Gun Hot Water up to 85 C



**SNAP ON ADAPTOR**

ASOA Snap on Adaptor for Trigger Gun



**SWIVEL UNION**

20mm No Longer Available

ASU25 25mm Swivel Female Threaded Union

ASU32 32mm Swivel Female Threaded Union

ASU40 40mm Swivel Female Threaded Union

ASU50 50mm Swivel Female Threaded Union



**ANKALOC QUIK-LOCK COUPLINGS**

All sizes interchangeable  
 Applications up to 150 psi  
 Glass reinforced nylon



CODE DESCRIPTION

**FEMALE THREADED COUPLING**

AL20F	20mm Ankaloc Female
AL25F	25mm Ankaloc Female
AL32F	32mm Ankaloc Female
AL40F	40mm Ankaloc Female
AL40BLKF	40mm Ankaloc Female Black

**MALE THREADED COUPLING**

AL20M	20mm Ankaloc Male
AL25M	25mm Ankaloc Male
AL32M	32mm Ankaloc Male
AL40M	40mm Ankaloc Male
AL40BLKM	40mm Ankaloc Male Black

**MALE COUPLING - NO THREAD**

AL40	40mm Ankaloc Male Coupling No Thread
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**SEAL RING**

ALS	Ankaloc Seal Ring
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**ANKA TANK FITTINGS**

ATF20F	20mm Female Anka Tank Fitting
ATF25F	25mm Female Anka Tank Fitting
ATF20M	20mm Male Anka Tank Fitting
ATF25M	25mm Male Anka Tank Fitting
ATFB20	20mm Anka Barbed Tank Fitting
ATFB25	25mm Anka Barbed Tank Fitting





The connection you can trust.

## PHILMAC 3G METRIC® COMPRESSION FITTINGS

**POLYPROPYLENE BLACK. PN16 RATING**

**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

Complies with: ISO 3458,3459,3503,14236  
BS 5114

20mm - 63mm 16 bar rating

CODE DESCRIPTION

### STRAIGHT COUPLING

PHSC20	20mm Philmac 3G straight coupling
PHSC25	25mm Philmac 3G straight coupling
PHSC32	32mm Philmac 3G straight coupling
PHSC40	40mm Philmac 3G straight coupling
PHSC50	50mm Philmac 3G straight coupling
PHSC63	63mm Philmac 3G straight coupling
PHSC75	75mm Philmac 3G straight coupling
PHSC90	90mm Philmac 2G straight coupling
PHSC110	110mm Philmac 2G straight coupling



### MALE COUPLING

PHMC20	20mm x ½" Philmac3G male coupling
PHMC2020	20mm x ¾" Philmac 3G male coupling
PHMC2025	20mm x 1" Philmac 3G male coupling
PHMC2515	25mm x ½" Philmac3G male coupling
PHMC25	25mm x ¾" Philmac 3G male coupling
PHMC2525	25mm x 1" Philmac 3G male coupling
PHMC32	32mm x 1" Philmac 3G male coupling
PHMC3220	32mm x ¾" Philmac 3G male coupling
PHMC3232	32mm x 1¼" Philmac 3G male coupling
PHMC3240	32mm x 1½" Philmac 3G male coupling
PHMC40	40mm x 1¼" Philmac 3G male coupling
PHMC4025	40mm x 1" Philmac 3G male coupling
PHMC4040	50mm x 1½" Philmac 3G male coupling
PHMC4050	40mm x 2" Philmac 3G male coupling
PHMC50	50mm x 1½" Philmac 3G male coupling
PHMC5050	50mm x 2" Philmac 3G male coupling
PHMC63	63mm x 2" Philmac 3G male coupling
PHMC6340	63mm x 1½" Philmac 3G male coupling
PHMC75	75mm x 2" Philmac 2G male coupling
PHMC7563	75mm x 2½" Philmac 2G male coupling
PHMC7575	75mm x 3" Philmac 2G male coupling
PHMC90	90mm x 3" Philmac 2G male coupling
PHMC110	110mm x 4" Philmac 2G male coupling



**PHILMAC 3G METRIC® COMPRESSION FITTINGS**

**POLYPROPYLENE BLACK. PN16 RATING**

**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

Complies with: **ISO 3458,3459,3503,14236,BS 5114**

20mm - 63mm 16 bar rating



The connection you can trust.

**FEMALE COUPLING**

PHFC20	20mm x ½" Philmac 3G female coupling
PHFC2020	20mm x ¾" Philmac 3G female coupling
PHFC2025	20mm x 1" Philmac 3G male coupling
PHFC25	25mm x ¾" Philmac 3G female coupling
PHFC2515	25mm x ½" Philmac 3G female coupling
PHFC2525	25mm x 1" Philmac 3G female coupling
PHFC32	32mm x 1" Philmac 3G female coupling
PHFC3232	32mm x 1¼" Philmac 3G female coupling
PHFC40	40mm x 1¼" Philmac 3G female coupling
PHFC4040	40mm x 1½" Philmac 3G female coupling
PHFC50	50mm x 1½" Philmac 3G female coupling
PHFC5050	50mm x 2" Philmac 3G female coupling
PHFC63	63mm x 2" Philmac 3G female coupling
PHFC75	75mm x 2" Philmac 2G female coupling
PHFC90	90mm x 3" Philmac 2G female coupling
PHFC110	110mm x 4" Philmac 2G female coupling



**REDUCING COUPLING**

PHRC2520	25 x 20mm Philmac 3G reducing coupling
PHRC3220	32 x 20mm Philmac 3G reducing coupling
PHRC3225	32 x 25mm Philmac 3G reducing coupling
PHRC4025	40 x 25mm Philmac 3G reducing coupling
PHRC4032	40 x 32mm Philmac 3G reducing coupling
PHRC5025	50 x 25mm Philmac 3G reducing coupling
PHRC5032	50 x 32mm Philmac 3G reducing coupling
PHRC5040	50 x 40mm Philmac 3G reducing coupling
PHRC6332	63 x 32mm Philmac 3G reducing coupling
PHRC6340	63 x 40mm Philmac 3G reducing coupling
PHRC6350	63 x 50mm Philmac 3G reducing coupling
PHRC7563	75 x 63mm Philmac 2G reducing coupling
PHRC9075	90 x 75mm Philmac 2G reducing coupling
PHRC11090	110 x 90mm Philmac 2G reducing coupling



**SLIP JOINERS Pol X Pol**

PHSJ20	20mm Philmac 3G Slip Joiner
PHSJ25	25mm Philmac 3G Slip Joiner
PHSJ32	32mm Philmac 3G Slip Joiner
PHSJ40	40mm Philmac 3G Slip Joiner
PHSJ50	50mm Philmac 3G Slip Joiner
PHSJ63	63mm Philmac 3G Slip Joiner



**3G® METRIC END CAP POLY**

PHEC20	20MM PHILMAC 3G M/D END CAP
PHEC25	25MM PHILMAC 3G M/D END CAP
PHEC32	32MM PHILMAC 3G M/D END CAP
PHEC40	40MM PHILMAC 3G M/D END CAP
PHEC50	50MM PHILMAC 3G M/D END CAP
PHEC63	63MM PHILMAC 3G M/D END CAP



**PHILMAC 3G METRIC® COMPRESSION FITTINGS**

**POLYPROPYLENE BLACK. PN16 RATING**

**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

Complies with: ISO 3458,3459,3503,14236  
BS 5114

20mm - 63mm 16 bar rating



CODE DESCRIPTION

**EQUAL TEES**

PHET20	20mm Philmac 3G equal tee
PHET25	25mm Philmac 3G equal tee
PHET32	32mm Philmac 3G equal tee
PHET40	40mm Philmac 3G equal tee
PHET50	50mm Philmac 3G equal tee
PHET63	63mm Philmac 3G equal tee
PHET75	75mm Philmac 2G equal tee
PHET90	90mm Philmac 2G equal tee
PHET110	110mm Philmac 2G equal tee



**REDUCING TEE**

PHRT2520	25 x 20mm Philmac 3G reducing tee
PHRT3225	32 x 25mm Philmac 3G reducing tee
PHRT4025	40 x 25mm Philmac 3G reducing tee
PHRT4032	40 x 32mm Philmac 3G reducing tee
PHRT5032	50 x 32mm Philmac 3G reducing tee
PHRT5040	50 x 40mm Philmac 3G reducing tee
PHRT6332	63 x 32mm Philmac 3G reducing tee
PHRT6350	63 x 50mm Philmac 3G reducing tee



**FEMALE TEES**

PHFT20	20mm x 1/2" Philmac 3G female tee
PHFT2020	20mm x 3/4" Philmac 3G female tee
PHFT25	25mm x 3/4" Philmac 3G female tee
PHFT2515	25mm x 1/2" Philmac 3G female tee
PHFT2525	25mm x 1" Philmac 3G female tee
PHFT32	32mm x 1" Philmac 3G female tee
PHFT3220	32mm x 3/4" Philmac 3G female tee
PHFT3232	32mm x 1 1/4" Philmac 3G female tee
PHFT40	40mm x 1 1/4" Philmac 3G female tee
PHFT4040	40mm x 1 1/2" Philmac 3G female tee
PHFT50	50mm x 1 1/2" Philmac 3G female tee
PHFT5050	50mm x 2" Philmac 3G female tee
PHFT63	63mm x 2" Philmac 3G female tee
PHFT75	75mm x 2" Philmac 2G female tee
PHFT90	90mm x 3" Philmac 2G female tee
PHFT110	110mm x 4" Philmac 2G female tee



**PHILMAC 3G METRIC® COMPRESSION FITTINGS**  
**POLYPROPYLENE BLACK. PN16 RATING**  
**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

Complies with: ISO 3458,3459,3503,14236  
 BS 5114

20mm - 63mm 16 bar rating



CODE DESCRIPTION

**ELBOWS**

PHL20	20mm Philmac 3G elbow
PHL25	25mm Philmac 3G elbow
PHL32	32mm Philmac 3G elbow
PHL40	40mm Philmac 3G elbow
PHL50	50mm Philmac 3G elbow
PHL63	63mm Philmac 3G elbow
PHL75	75mm Philmac 3G elbow
PHL90	90mm Philmac 3G elbow
PHL110	110mm Philmac 3G elbow



**BRACKET ELBOWS**

PHBE20	20mm x 15mm BSP 3G bracket elbow
PHBE25	25mm x 20mm BSP 3G bracket elbow
PHBE2515	25mm x 15mm BSP 3G bracket elbow



**FEMALE ELBOWS**

PHFE20	20mm x ½" Philmac 3G female elbow
PHFE2020	20mm x ¾" Philmac 3G female elbow
PHFE2515	25mm x ½" Philmac 3G female elbow
PHFE25	25mm x ¾" Philmac 3G female elbow
PHFE2525	25mm x 1" Philmac 3G female elbow
PHFE32	32mm x 1" Philmac 3G female elbow
PHFE3232	32mm x 1¼" Philmac 3G female elbow
PHFE40	40mm x 1¼" Philmac 3G female elbow
PHFE4040	40mm x 1½" Philmac 3G female elbow
PHFE50	50mm x 1½" Philmac 3G female elbow
PHFE5050	50mm x 2" Philmac 3G female elbow
PHFE63	63mm x 2" Philmac 3G female elbow
PHFE75	75mm x 2" Philmac 2G female elbow
PHFE90	90mm x 3" Philmac 2G female elbow
PHFE110	110mm x 4" Philmac 2G female tee



**MALE ELBOWS**

PHME20	20mm x ½" Philmac 3G male elbow
PHME25	25mm x ¾" Philmac 3G male elbow
PHME32	32mm x 1" Philmac 3G male elbow
PHME3232	32mm x 1¼" Philmac 3G male elbow
PHME40	40mm x 1¼" Philmac 3G male elbow
PHME50	50mm x 1½" Philmac 3G male elbow
PHME63	63mm x 2" Philmac 3G male elbow



**PHILMAC 3G METRIC® COMPRESSION FITTINGS**  
**POLYPROPYLENE BLACK. PN16 RATING**  
**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

Complies with: ISO 3458,3459,3503,14236  
BS 5114

20mm - 63mm 16 bar rating



**PHILMAC 3G METRIC® COMPRESSION FITTINGS**  
**45° DEGREE ANGLE COUPLING**

CODE DESCRIPTION

PHEL4525	25MM PHILMAC 3G M/D 45 DEGREE ELBOW
PHEL4532	32MM PHILMAC 3G M/D 45 DEGREE ELBOW
PHEL4540	40MM PHILMAC 3G M/D 45 DEGREE ELBOW
PHEL4550	50MM PHILMAC 3G M/D 45 DEGREE ELBOW
PHEL4563	63MM PHILMAC 3G M/D 45 DEGREE ELBOW



**PHILMAC METRIC TAPPING SADDLES**

**STAINLESS STEEL BOLTS & NUTS**

PN 16 (Blue) pressure ratings.

Nitrile sealing gasket for excellent sealing performance and chemical resistance.

Suitable for contact with potable water.

High grade polypropylene body selected for its tough, high impact, lightweight and durable properties.

Stainless steel reinforcing rings on threaded branch. Bolt clips to facilitate easy assembly.

PHTS2520	Philmac 25mm x 20 tapping saddle
PHTS3220	Philmac 32mm x 20tapping saddle
PHTS3225	Philmac 32mm x 25tapping saddle
PHTS4020	Philmac 40mm x 20 tapping saddle
PHTS4025	Philmac 40mm x 25 tapping saddle
PHTS5020	Philmac 50mm x 20 tapping saddle
PHTS5025	Philmac 50mm x 25 tapping saddle
PHTS6320	Philmac 63mm x 20 tapping saddle
PHTS6325	Philmac 63mm x 25 tapping saddle
PHTS6340	Philmac 63mm x 40 tapping saddle
PHTS7520	Philmac 75mm x 20 tapping saddle
PHTS7525	Philmac 75mm x 25 tapping saddle
PHTS7540	Philmac 75mm x 40 tapping saddle
PHTS7550	Philmac 75mm x 50 tapping saddle
PHTS9025	Philmac 90mm x 25 tapping saddle
PHTS9040	Philmac 90mm x 40 tapping saddle
PHTS9050	Philmac 90mm x 50 tapping saddle
PHTS11025	Philmac 110mm x 25 tapping saddle
PHTS11040	Philmac 110mm x 40 tapping saddle
PHTS11050	Philmac 110mm x 50 tapping saddle



**PHILMAC METRIC SEALS & SPANNER**

**COLLET & SEAL KITS**

PHCS20	20mm Philmac 3G collet & seal kit
PHCS25	25mm Philmac 3G collet & seal kit
PHCS32	32mm Philmac 3G collet & seal kit
PHCS40	40mm Philmac 3G collet & seal kit
PHCS50	50mm Philmac 3G collet & seal kit
PHCS63	63mm Philmac 3G collet & seal kit



**PHILMAC 3G Y SPANNERS**

PHSS	20mm - 32mm Philmac 3G Y Spanner
PHSM	40mm - 63mm Philmac 3G Y Spanner
PHSL	63mm - 110mm Philmac Y Spanner





The connection you can trust.

## PHILMAC UTC® Transition Fittings

### PHILMAC METRIC TRANSITION FITTINGS

#### POLYPROPYLENE BLACK

Max pressure rating PN 12.5

#### Philmac UTC® provides the ultimate connection

Without modification the same fitting connects to a variety of materials including PVC, copper, galvanised iron, ABS, lead, stainless steel and polyethylene. Each size fitting covers a range of pipe diameters providing a "Universal" solution.



### TRANSITION COUPLING

PHTC20.15.21	Philmac Transition Coupling 20 x 15-21 mm
PHTC20.21.27	Philmac Transition Coupling 20 x 21-27 mm
PHTC25.15.21	Philmac Transition Coupling 25 X 15-21 mm
PHTC25.21.27	Philmac Transition Coupling 25 X 21-27 mm
PHTC25.27.34	Philmac Transition Coupling 25 x 27-34 mm
PHTC32.27.34	Philmac Transition Coupling 32 x 27-34 mm
PHTC32.34.39	Philmac Transition Coupling 32 x 34-39 mm
PHTC32.39.43	Philmac Transition Coupling 32 x 39-43 mm
PHTC50.47.49	Philmac Transition Coupling 50 x 47-49 mm
PHTC63.47.49	Philmac Transition Coupling 63 x 47-49 mm
PHTC63.59.61	Philmac Transition Coupling 63 x 59-61 mm



### TRANSITION MALE CONNECTOR

PHTMC20.15.21	Philmac Trans male connector 15-21mm x 3/4"
PHTMC20.21.27	Philmac Trans male connector 21-27mm x 3/4"
PHTMC20.27.34	Philmac Trans male connector 27-34mm x 3/4"



### TRANSITION REDUCING DOUBLE ENDED

PHTRD21.15	Philmac Trans reduce dbl end 21-27 x 15-21mm
PHTRD27.21	Philmac Trans reduce dbl end 27-34 x 21-27mm
PHTRD27.15	Philmac Trans reduce dbl end 27-34 x 15-21mm
PHTRD39.27	Philmac Trans reduce dbl end 39-43 x 27-34mm



### TRANSITION DOUBLE ENDED

PHTDE15.21	Philmac Trans coupling double end 15-21 mm
PHTDE21.27	Philmac Trans coupling double end 21-27 mm
PHTDE27.34	Philmac Trans coupling double end 27-34 mm
PHTDE39.43	Philmac Trans coupling double end 39-43 mm
PHTDE34.39	Philmac Trans coupling double end 34-39 mm
PHTDE47.49	Philmac Trans coupling double end 47-49 mm
PHTDE59.61	Philmac Trans coupling double end 59-61 mm



**PHILMAC METRIC TRANSITION FITTINGS**  
**POLYPROPYLENE BLACK**  
Max pressure rating PN 12.5



The connection you can trust.

CODE DESCRIPTION

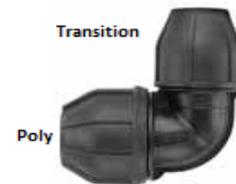
**TRANSITION DOUBLE ENDED ELBOW**

PHTDEL15.21	Philmac Transition double elbow 15-21 mm
PHTDEL21.27	Philmac Transition double elbow 21-27 mm



**TRANSITION ELBOW**

PHTE25.15.21	Philmac Transition Elbow 25 x 15-21 mm
PHTE25.21.27	Philmac Transition Elbow 25 x 21-27 mm
PHTE25.27.34	Philmac Transition Elbow 25 x 27-34 mm
PHTE32.21.27	Philmac Transition Elbow 32 X 21-27 mm
PHTE32.27.34	Philmac Transition Elbow 32 x 27-34 mm



**TRANSITION TEE**

PHTT15.21	Philmac Transition Tee 15-21 mm
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**TRANSITION TEE FEMALE THREAD**

PHTTF15.20	Philmac Transition tee female thread 15-21 x 3/4"
PHTTF15.25	Philmac Transition tee female thread 15-21 x 1"
PHTTF21.20	Philmac Transition tee female thread 21-27 x 3/4"
PHTTF21.25	Philmac Transition tee female thread 21-27 x 1"



**PHILMAC RURAL B CLASS POLY PIPE COMPRESSION FITTINGS**  
**POLYPROPYLENE BLACK**

PHREC25	Philmac rural compression elbow 25mm
PHRFE25	Philmac rural compression female elbow 25mm x 3/4"
PHRFE32	Philmac rural compression female elbow 32mm x 1"
PHRFC25	Philmac rural compress. female coupler 25mm
PHRFC32	Philmac rural compress. female coupler 32mm x 1"
PHRSC25	Philmac rural compression coupler 25mm



**MACFLO® METRIC COMPRESSION FITTINGS  
 POLYPROPYLENE BLACK**

**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

**Complies with: ISO 3458,3459,3503,14236  
 BS 5114**

20mm - 63mm 16 bar rating  
 75mm - 110mm 10 bar rating



CODE	DESCRIPTION
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**STRAIGHT COUPLING**

MSC20	20mm straight coupling
MSC25	25mm straight coupling
MSC32	32mm straight coupling
MSC40	40mm straight coupling
MSC50	50mm straight coupling
MSC63	63mm straight coupling
MSC75	75mm straight coupling
MSC90	90mm straight coupling
MSC110	110mm straight coupling



**MALE COUPLING**

MMC20	20mm x ½" male coupling
MMC2020	20mm x ¾" male coupling
MMC25	25mm x ¾" male coupling
MMC2525	25mm x 1" male coupling
MMC32	32mm x 1" male coupling
MMC3220	32mm x ¾" male coupling
MMC40	40mm x 1¼" male coupling
MMC4025	40mm x 1" male coupling
MMC4040	40mm x 1½" male coupling
MMC50	50mm x 1½" male coupling
MMC5032	50mm x 1¼" male coupling
MMC5050	50mm x 2" male coupling
MMC63	63mm x 2" male coupling
MMC7550	75mm x 2" male coupling
MMC75	75mm x 2½" male coupling
MMC90	90mm x 3" male coupling
MMC110	110mm x 4" male coupling



**MACFLO® METRIC COMPRESSION FITTINGS  
POLYPROPYLENE BLACK**

**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

Complies with: ISO 3458,3459,3503,14236  
BS 5114

20mm - 63mm 16 bar rating

75mm - 110mm 10 bar rating



CODE	DESCRIPTION
------	-------------

**FEMALE COUPLING**

MFC20	20mm x ½" female coupling
MFC2020	20mm x ¾" female coupling
MFC25	25mm x ¾" female coupling
MFC2525	25mm x 1" female coupling
MFC32	32mm x 1" female coupling
MFC3220	32mm x ¾" female coupling
MFC40	40mm x 1¼" female coupling
MFC4025	40mm x 1" female coupling
MFC50	50mm x 1½" female coupling
MFC5032	50mm x 1¼" female coupling
MFC63	63mm x 2" female coupling
MFC75	75mm x 2½" female coupling
MFC7550	75mm x 2" female coupling
MFC90	90mm x 3" female coupling
MFC110	110mm x 4" female coupling



**ELBOWS**

MEL20	20mm elbow
MEL25	25mm elbow
MEL32	32mm elbow
MEL40	40mm elbow
MEL50	50mm elbow
MEL63	63mm elbow
MEL75	75mm elbow
MEL90	90mm elbow
MEL110	110mm elbow



**MALE ELBOWS**

MME20	20mm x ½" male elbow
MME25	25mm x ¾" male elbow
MME2525	25mm x 1" male elbow
MME32	32mm x 1" male elbow
MME3220	32mm x ¾" male elbow
MME40	40mm x 1¼" male elbow
MME4025	40mm x 1" male elbow
MME50	50mm x 1½" male elbow
MME63	63mm x 2" male elbow
MME75	75mm x 2½" male elbow
MME7550	75mm x 2" male elbow
MME90	90mm x 3" male elbow
MME110	110mm x 4" male elbow



**MACFLO® METRIC COMPRESSION FITTINGS  
 POLYPROPYLENE BLACK**

**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

Complies with: ISO 3458,3459,3503,14236  
 BS 5114

20mm - 63mm 16 bar rating

75mm - 110mm 10 bar rating



CODE DESCRIPTION

**FEMALE ELBOWS**

MFE20	20mm x ½" female elbow
MFE25	25mm x ¾" female elbow
MFE32	32mm x 1" female elbow
MFE3220	32mm x ¾" female elbow
MFE40	40mm x 1¼" female elbow
MFE50	50mm x 1½" female elbow
MFE63	63mm x 2" female elbow
MFE75	75mm x 2½" female elbow
MFE90	90mm x 3" female elbow
MFE110	110mm x 4" female elbow



**BRACKET ELBOW**

MBE25	25mm X ¾" bracket elbow
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**FEMALE TEES**

MFT20	20mm x ½" female tee
MFT25	25mm x ¾" female tee
MFT32	32mm x 1" female tee
MFT40	40mm x 1¼" female tee
MFT50	50mm x 1½" female tee
MFT5032	50mm x 1¼" female tee
MFT63	63mm x 2" female tee
MFT75	75mm x 2½" female tee
MFT90	90mm x 3" female tee
MFT110	110mm x 4" female tee



**EQUAL TEES**

MET20	20mm equal tee
MET25	25mm equal tee
MET32	32mm equal tee
MET40	40mm equal tee
MET50	50mm equal tee
MET63	63mm equal tee
MET75	75mm equal tee
MET90	90mm equal tee
MET110	110mm equal tee



**MACFLO® METRIC COMPRESSION FITTINGS  
POLYPROPYLENE BLACK**

**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

Complies with: ISO 3458,3459,3503,14236  
BS 5114

20mm - 63mm 16 bar rating

75mm - 110mm 10 bar rating



CODE	DESCRIPTION
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**REDUCING TEES**

MRT2520	25 x 20mm reducing tee
MRT3225	32 x 25mm reducing tee
MRT4025	40 x 25mm reducing tee
MRT4032	40 x 32mm reducing tee
MRT5032	50 x 32mm reducing tee
MRT5040	50 x 40mm reducing tee
MRT6332	63 x 32mm reducing tee
MRT6350	63 x 50mm reducing tee
MRT7550	75 x 50mm reducing tee
MRT7563	75 x 63mm reducing tee
MRT9063	90 x 63mm reducing tee
MRT9075	90 x 75mm reducing tee
MRT11090	110 x 90mm reducing tee



**REDUCING COUPLING**

MRC2520	25 x 20mm reducing coupling
MRC3225	32 x 25mm reducing coupling
MRC4025	40 x 25mm reducing coupling
MRC4032	40 x 32mm reducing coupling
MRC5025	50 x 25mm reducing coupling
MRC5032	50 x 32mm reducing coupling
MRC5040	50 x 40mm reducing coupling
MRC6332	63 x 32mm reducing coupling
MRC6340	63 x 40mm reducing coupling
MRC6350	63 x 50mm reducing coupling
MRC7563	75 x 63mm reducing coupling
MRC9075	90 x 75mm reducing coupling
MRC11090	110 x 90mm reducing coupling



**END CAPS**

MEC20	20mm end cap
MEC25	25mm end cap
MEC32	32mm end cap
MEC40	40mm end cap
MEC50	50mm end cap
MEC63	63mm end cap
MEC75	75mm end cap
MEC90	90mm end cap
MEC110	110mm end cap



**MACFLO® METRIC COMPRESSION FITTINGS**

**POLYPROPYLENE BLACK**

**FOR ALL MDPE PIPE - 6,9 & 12 BAR**

Complies with: ISO 3458,3459,3503,14236 BS 5114

20mm - 63mm 16 bar rating

75mm - 110mm 10 bar rating

**TAPPING SADDLES**

Stainless steel bolts



CODE	DESCRIPTION
MTS2515	25mm x ½" tapping saddle
MTS2520	25mm x ¾" tapping saddle
MTS3220	32mm x ¾" tapping saddle
MTS3225	32mm x 1" tapping saddle
MTS4020	40mm x ¾" tapping saddle
MTS4025	40mm x 1" tapping saddle
MTS5020	50mm x ¾" tapping saddle
MTS5025	50mm x 1" tapping saddle
MTS6320	63mm x ¾" tapping saddle
MTS6325	63mm x 1" tapping saddle
MTS6332	63mm x 1¼" tapping saddle
MTS6340	63mm x 1½" tapping saddle
MTS7532	75mm x 1¼" tapping saddle
MTS7540	75mm x 1½" tapping saddle
MTS9032	90mm x 1¼" tapping saddle
MTS9040	90mm x 1½" tapping saddle
MTS9050	90mm x 2" tapping saddle
MTS11050	110mm x 2" tapping saddle



**MACFLO POLY SPANNER**

COVERS 20MM ¾" to 63MM 2 1/2"

MSD	MACFLO SPANNER - DOUBLE ENDED
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**MACFLO PIPE REAMER**

COVERS 20MM ¾" to 63MM 2 1/2"

MPR	Macflo Pipe Reamer
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### STAINLESS STEEL PIPE FITTINGS

Suitable for LD polythene pipe 304 stainless steel

All threaded ends and ring nuts are brass nickel-plated

NOTE: for reducing threaded fittings - thread size is first two numbers of code

CODE DESCRIPTION

### STAINLESS STEEL RINGNUTS

Need to be ordered separately - If not stated on order fitting will come with no Stainless Steel Rings

SSBNU020	20mm back nut
SSBNU025	25mm back nut
SR32	32mm Stainless Steel Ring
SR40	40mm Stainless Steel Ring
SR50	50mm Stainless Steel Ring



### STRAIGHT COUPLINGS

SC15	15mm straight coupling
SC20	20mm straight coupling
SC25	25mm straight coupling
SC32	32mm straight coupling
SC40	40mm straight coupling
SC50	50mm straight coupling



### LENGTH 300MM LONG

SC15L	15mm straight coupling - long
SC20L	20mm straight coupling - long
SC25L	25mm straight coupling - long
SC32L	32mm straight coupling - long
SC40L	40mm straight coupling - long
SC50L	50mm straight coupling - long

### MALE COUPLINGS

SMC15	15mm male coupling
SMC20	20mm male coupling
SMC25	25mm male coupling
SMC32	32mm male coupling
SMC40	40mm male coupling
SMC50	50mm male coupling



### FEMALE COUPLINGS

SFC15	15mm female coupling
SFC20	20mm female coupling
SFC25	25mm female coupling
SFC32	32mm female coupling
SFC40	40mm female coupling
SFC50	50mm female coupling



Other sizes of stainless steel fittings can be made to order

**STAINLESS STEEL PIPE FITTINGS**

Suitable for LD polythene pipe 304 stainless steel

All threaded ends and ring nuts are brass nickel-plated

NOTE: for reducing threaded fittings - thread size is first two numbers of code

CODE DESCRIPTION

**BENDS**

SB15	15mm bend
SB20	20mm bend
SB25	25mm bend
SB32	32mm bend
SB40	40mm bend
SB50	50mm bend



**MALE BENDS**

SMB15	15mm male bend
SMB20	20mm male bend
SMB25	25mm male bend
SMB32	32mm male bend
SMB40	40mm male bend
SMB50	50mm male bend



**STAINLESS STEEL PIPE FITTINGS**

Suitable for LD polythene pipe 304 stainless steel

All threaded ends and ring nuts are brass nickel-plated

NOTE: for reducing threaded fittings - thread size is first two numbers of code

CODE DESCRIPTION

**TROUGH FILLERS**

(Goosenecks)

**STAINLEES RINGS INCLUDED**

SGNS20	20mm short gooseneck
SGNS20F	20mm short gooseneck f/f
SGNL20	20mm long gooseneck
SGNL20F	20mm long gooseneck f/f
SGNS25	25mm short gooseneck
SGNS25F	25mm short gooseneck f/f
SGNL25	25mm long gooseneck
SGNL25F	25mm long gooseneck f/f
SGNS32	32mm short gooseneck



**PHILMAC BSP THREADED FITTINGS**

Black, Glass Reinforced Polypropylene 15 Bar (217 psi)

CODE	DESCRIPTION	PACK NO
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**HEX NIPPLES**

PHHN15	15MM PHILMAC HEX NIPPLE	20
PHHN20	20MM PHILMAC HEX NIPPLE	20
PHHN25	25MM PHILMAC HEX NIPPLE	20
PHHN32	32MM PHILMAC HEX NIPPLE	10
PHHN40	40MM PHILMAC HEX NIPPLE	10
PHHN50	50MM PHILMAC HEX NIPPLE	10
PHHN65	65MM PHILMAC HEX NIPPLE	1
PHHN80	80MM PHILMAC HEX NIPPLE	1
PHHN100	100MM PHILMAC HEX NIPPLE	1



**HEX SOCKETS**

PHHS15	15MM PHILMAC HEX SOCKET	20
PHHS20	20MM PHILMAC HEX SOCKET	20
PHHS25	25MM PHILMAC HEX SOCKET	20
PHHS32	32MM PHILMAC HEX SOCKET	10
PHHS40	40MM PHILMAC HEX SOCKET	10
PHHS50	50MM PHILMAC HEX SOCKET	10
PHHS65	65MM PHILMAC HEX SOCKET	1
PHHS80	80MM PHILMAC HEX SOCKET	1
PHHS100	100MM PHILMAC HEX SOCKET	1



**FEMALE THREADED ELBOWS**

PHTFE15	15MM PHILMAC FEMALE ELBOW	10
PHTFE20	20MM PHILMAC FEMALE ELBOW	10
PHTFE25	25MM PHILMAC FEMALE ELBOW	10
PHTFE32	32MM PHILMAC FEMALE ELBOW	5
PHTFE40	40MM PHILMAC FEMALE ELBOW	5
PHTFE50	50MM PHILMAC FEMALE ELBOW	2
PHTFE65	65MM PHILMAC FEMALE ELBOW	1
PHTFE80	80MM PHILMAC FEMALE ELBOW	1
PHTFE100	100MM PHILMAC FEMALE ELBOW	1



**MALE/FEMALE THREADED ELBOWS**

PHTMFE15	15MM PHILMAC M/F ELBOW	10
PHTMFE20	20MM PHILMAC M/F ELBOW	10
PHTMFE25	25MM PHILMAC M/F ELBOW	10
PHTMFE32	32MM PHILMAC M/F ELBOW	5
PHTMFE40	40MM PHILMAC M/F ELBOW	5
PHTMFE50	50MM PHILMAC M/F ELBOW	1



## PHILMAC BSP THREADED FITTINGS

Black, Glass Reinforced Polypropylene 15 Bar (217 psi)

CODE	DESCRIPTION	PACK NO
<b>REDUCING HEX NIPPLES</b>		
PHRN2015	20 X 15MM PHILMAC RED HEX NIPPLE	20
PHRN2515	25 X 15MM PHILMAC RED HEX NIPPLE	20
PHRN2520	25 X 20MM PHILMAC RED HEX NIPPLE	20
PHRN3215	32 X 15MM PHILMAC REDUCING NIPPLE	10
PHRN3220	32 X 20MM PHILMAC RED HEX NIPPLE	10
PHRN3225	32 X 25MM PHILMAC RED HEX NIPPLE	10
PHRN4015	40 X 15MM PHILMAC REDUCING NIPPLE	10
PHRN4020	40 X 20MM PHILMAC REDUCING NIPPLE	10
PHRN4025	40 X 25MM PHILMAC RED HEX NIPPLE	10
PHRN4032	40 X 32MM PHILMAC RED HEX NIPPLE	10
PHRN5015	50 X 15MM PHILMAC REDUCING NIPPLE	10
PHRN5020	50 X 20MM PHILMAC REDUCING NIPPLE	10
PHRN5025	50 X 25MM PHILMAC RED HEX NIPPLE	10
PHRN5032	50 X 32MM PHILMAC RED HEX NIPPLE	10
PHRN5040	50 X 40MM PHILMAC RED HEX NIPPLE	10
PHRN6532	65 X 32MM PHILMAC REDUCING NIPPLE	1
PHRN6540	65 X 40MM PHILMAC REDUCING NIPPLE	1
PHRN6550	65 X 50MM PHILMAC REDUCING NIPPLE	1
PHRN8040	65 X 40MM PHILMAC REDUCING NIPPLE	1
PHRN8050	80 X 50MM PHILMAC REDUCING NIPPLE	1
PHRN8065	80 X 65MM PHILMAC REDUCING NIPPLE	1
PHRN10050	100 X 50MM PHILMAC REDUCING NIPPLE	1
PHRN10065	100 X 65MM PHILMAC REDUCING NIPPLE	1
PHRN10080	100 X 80MM PHILMAC REDUCING NIPPLE	1



## REDUCING HEX SOCKETS

PHRS2015	20 X 15MM PHILMAC RED HEX SOCKET	20
PHRS2515	25 X 15MM PHILMAC RED HEX SOCKET	20
PHRS2520	25 X 20MM PHILMAC RED HEX SOCKET	20
PHRS3220	32 X 20MM PHILMAC RED HEX SOCKET	10
PHRS3225	32 X 25MM PHILMAC RED HEX SOCKET	10
PHRS4020	40 X 20MM PHILMAC RED HEX SOCKET	10
PHRS4025	40 X 25MM PHILMAC RED HEX SOCKET	10
PHRS4032	40 X 32MM PHILMAC RED HEX SOCKET	10
PHRS5015	50 X 15MM PHILMAC RED HEX SOCKET	10
PHRS5020	50 X 20MM PHILMAC RED HEX SOCKET	10
PHRS5025	50 X 25MM PHILMAC RED HEX SOCKET	10
PHRS5032	50 X 32MM PHILMAC RED HEX SOCKET	10
PHRS5040	50 X 40MM PHILMAC RED HEX SOCKET	10
PHRS6540	65 X 40MM PHILMAC RED HEX SOCKET	1
PHRS6550	65 X 50MM PHILMAC RED HEX SOCKET	1
PHRS8050	80 X 50MM PHILMAC RED HEX SOCKET	1
PHRS8065	80 X 65MM PHILMAC RED HEX SOCKET	1
PHRS10065	100 X 65MM PHILMAC RED HEX SOCKET	1
PHRS10080	100 X 80MM PHILMAC RED HEX SOCKET	1



**PHILMAC BSP THREADED FITTINGS**

Black, Glass Reinforced Polypropylene 15 Bar (217 psi)

CODE	DESCRIPTION	PACK NO
<b>REDUCING BRUSHES</b>		
PHRB2015	20 X 15MM PHILMAC REDUCING BUSH	20
PHRB2515	25 X 15MM PHILMAC REDUCING BUSH	20
PHRB2520	25 X 20MM PHILMAC REDUCING BUSH	20
PHRB3215	32 X 15MM PHILMAC REDUCING BUSH	20
PHRB3220	32 X 20MM PHILMAC REDUCING BUSH	10
PHRB3225	32 X 25MM PHILMAC REDUCING BUSH	10
PHRB4015	40 X 15MM PHILMAC REDUCING BUSH	10
PHRB4020	40 X 20MM PHILMAC REDUCING BUSH	10
PHRB4025	40 X 25MM PHILMAC REDUCING BUSH	10
PHRB4032	40 X 32MM PHILMAC REDUCING BUSH	10
PHRB5015	50 X 15MM PHILMAC REDUCING BUSH	10
PHRB5020	50 X 20MM PHILMAC REDUCING BUSH	10
PHRB5025	50 X 25MM PHILMAC REDUCING BUSH	10
PHRB5032	50 X 32MM PHILMAC REDUCING BUSH	10
PHRB5040	50 X 40MM PHILMAC REDUCING BUSH	10
PHRB6532	65 X 32MM PHILMAC REDUCING BUSH	1
PHRB6540	65 X 40MM PHILMAC REDUCING BUSH	1
PHRB6550	65 X 50MM PHILMAC REDUCING BUSH	1
PHRB8040	80 X 40MM PHILMAC REDUCING BUSH	1
PHRB8050	80 X 50MM PHILMAC REDUCING BUSH	1
PHRB8065	80 X 65MM PHILMAC REDUCING BUSH	1
PHRB10050	100 X 50MM PHILMAC REDUCING BUSH	1
PHRB10065	100 X 65MM PHILMAC REDUCING BUSH	1
PHRB10080	100 X 80MM PHILMAC REDUCING BUSH	1



**HEX CAPS**

PHHC15	15MM PHILMAC CAP	20
PHHC20	20MM PHILMAC CAP	20
PHHC25	25MM PHILMAC CAP	20
PHHC32	32MM PHILMAC CAP	10
PHHC40	40MM PHILMAC CAP	10
PHHC50	50MM PHILMAC CAP	10
PHHC65	65MM PHILMAC CAP	1
PHHC80	80MM PHILMAC CAP	1
PHHC100	100MM PHILMAC CAP	1



**HEX PLUGS**

PHHP15	15MM PHILMAC HEX PLUG	20
PHHP20	20MM PHILMAC HEX PLUG	20
PHHP25	25MM PHILMAC HEX PLUG	20
PHHP32	32MM PHILMAC HEX PLUG	10
PHHP40	40MM PHILMAC HEX PLUG	10
PHHP50	50MM PHILMAC HEX PLUG	10
PHHP65	65MM PHILMAC HEX PLUG	1
PHHP80	80MM PHILMAC HEX PLUG	1
PHHP100	100MM PHILMAC HEX PLUG	1



**PHILMAC BSP THREADED FITTINGS**

Black, Glass Reinforced Polypropylene 15 Bar (217 psi)

CODE	DESCRIPTION	PACK NO
<b>FEMALE THREADED TEES</b>		
PHTFT15	15MM PHILMAC THREADED FEMALE TEE	10
PHTFT20	20MM PHILMAC THREADED FEMALE TEE	10
PHTFT25	25MM PHILMAC THREADED FEMALE TEE	10
PHTFT32	32MM PHILMAC THREADED FEMALE TEE	5
PHTFT40	40MM PHILMAC THREADED FEMALE TEE	5
PHTFT50	50MM PHILMAC THREADED FEMALE TEE	1
PHTFT65	65MM PHILMAC THREADED FEMALE TEE	1
PHTFT80	80MM PHILMAC THREADED FEMALE TEE	1
PHTFT100	100MM PHILMAC THREADED FEMALE TEE	1



**POLYPROPYLENE RISERS**

PHPR15100	15 X 100MM LONG POLYPROP RISER	1
PHPR15150	15 X 150MM LONG POLYPROP RISER	1
PHPR15300	15 X 300MM LONG POLYPROP RISER	1
PHPR15450	15 X 450MM LONG POLYPROP RISER	1
PHPR15600	15 X 600MM LONG POLYPROP RISER	1
PHPR15750	15 X 750MM LONG POLYPROP RISER	1
PHPR15900	15 X 900MM LONG POLYPROP RISER	1
PHPR20100	20 X 100MM LONG POLYPROP RISER	1
PHPR20150	20 X 150MM LONG POLYPROP RISER	1
PHPR20300	20 X 300MM LONG POLYPROP RISER	1
PHPR20450	20 X 450MM LONG POLYPROP RISER	1
PHPR20600	20 X 600MM LONG POLYPROP RISER	1
PHPR20750	20 X 750MM LONG POLYPROP RISER	1
PHPR20900	20 X 900MM LONG POLYPROP RISER	1
PHPR201200	20 X 1200MM LONG POLYPROP RISER	1
PHPR25100	25 X 100MM LONG POLYPROP RISER	1
PHPR25150	25 X 150MM LONG POLYPROP RISER	1
PHPR25300	25 X 300MM LONG POLYPROP RISER	1
PHPR25450	25 X 450MM LONG POLYPROP RISER	1
PHPR25600	25 X 600MM LONG POLYPROP RISER	1
PHPR25750	25 X 750MM LONG POLYPROP RISER	1
PHPR25900	25 X 900MM LONG POLYPROP RISER	1
PHPR251200	25 X 1200MM LONG POLYPROP RISER	1
PHPR32150	32 X 150MM LONG POLYPROP RISER	1
PHPR32300	32 X 300MM LONG POLYPROP RISER	1
PHPR32450	32 X 450MM LONG POLYPROP RISER	1
PHPR32600	32 X 600MM LONG POLYPROP RISER	1
PHPR40150	40 X 150MM LONG POLYPROP RISER	1
PHPR40300	40 X 300MM LONG POLYPROP RISER	1
PHPR40450	40 X 450MM LONG POLYPROP RISER	1
PHPR40600	40 X 600MM LONG POLYPROP RISER	1
PHPR50150	50 X 150MM LONG POLYPROP RISER	1
PHPR50300	50 X 300MM LONG POLYPROP RISER	1
PHPR50450	50 X 450MM LONG POLYPROP RISER	1
PHPR50600	50 X 600MM LONG POLYPROP RISER	1



#### NUT & TAIL

CODE	DESCRIPTION	PACK NO
PHNT20	20MM PHILMAC NUT & TAIL	
PHNT25	25MM PHILMAC NUT & TAIL	
PHNT32	32MM PHILMAC NUT & TAIL	
PHNT40	40MM PHILMAC NUT & TAIL	
PHNT50	50MM PHILMAC NUT & TAIL	



#### REDUCING NUT & TAIL

PHRNT2015	20 X 15MM PHILMAC RED NUT & TAIL
PHRNT2515	25 X 15MM PHILMAC RED NUT & TAIL
PHRNT2520	25 X 20MM PHILMAC RED NUT & TAIL



#### MALE THREADED HOSE TAIL (NYLON)

PHMHT20	20MM PHILMAC MALE HOSE TAIL
PHMHT25	25MM PHILMAC MALE HOSE TAIL
PHMHT32	32MM PHILMAC MALE HOSE TAIL
PHMHT40	40MM PHILMAC MALE HOSE TAIL
PHMHT50	50MM PHILMAC MALE HOSE TAIL



#### REDUCING MALE THREADED HOSE TAIL (NYLON)

PHRMHT2025	20 X 1" BSP RED MALE HOSE TAIL
PHRMHT2532	25 X 1 1/4" RED MALE HOSE TAIL
PHRMHT3225	32 X 1" BSP RED MALE HOSE TAIL



#### PVC REDUCING BUSH

MRB1508	15 X 8MM PVC REDUCING BUSH	10
PRB6550	65 X 50MM PVC REDUCING BUSH	1



#### PVC THREADED SOCKET

PHS65	65MM PVC HEX SOCKET	1
PHS80	80MM PVC HEX SOCKET	1



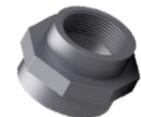
#### PVC THREADED REDUCING HEX NIPPLE

PRN6550	65 X 50MM PVC REDUCING NIPPLE	1
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#### PVC THREADED REDUCING SOCKET

PRS6550	65 x 50MM PVC REDUCING SOCKET	1
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#### PVC THREADED PLUG

PP65	65MM PVC PLUG	1
PP80	80MM PVC PLUG	1
PP100	100MM PVC PLUG	1



#### PVC THREADED FEMALE ELBOW

PTFE65	65MM PVC THREADED ELBOW F/F	1
PTFE80	80MM PVC THREADED ELBOW F/F	1



#### PVC THREADED FEMALE TEE

PTFT65	65MM PLASTIC THREADED TEE	1
PTFT80	80MM PLASTIC THREADED TEE	1



**STAINLESS STEEL THREADED FITTINGS**

**316 Stainless Steel**

CODE DESCRIPTION

**REDUCING BUSHES**

SSRB1008	10 X 8MM 316 S/S REDUCING BUSH
SSRB1508	15 X 8MM 316 S/S REDUCING BUSH
SSRB1510	15 X 10MM 316 S/S REDUCING BUSH
SSRB2008	20 X 8MM 316 S/S REDUCING BUSH
SSRB2015	20 X 15MM 316 S/S REDUCING BUSH
SSRB2515	25 X 15MM 316 S/S REDUCING BUSH
SSRB2520	25 X 20MM 316 S/S REDUCING BUSH
SSRB3220	32 X 20MM 316 S/S REDUCING BUSH
SSRB3225	32 X 25MM 316 S/S REDUCING BUSH
SSRB4020	40 X 20MM 316 S/S REDUCING BUSH
SSRB4025	40 X 25MM 316 S/S REDUCING BUSH
SSRB4032	40 X 32MM 316 S/S REDUCING BUSH
SSRB5020	50 X 20MM 316 S/S REDUCING BUSH
SSRB5025	50 X 25MM 316 S/S REDUCING BUSH
SSRB5032	50 X 32MM 316 S/S REDUCING BUSH
SSRB5040	50 X 40MM 316 S/S REDUCING BUSH



**REDUCING HEX NIPPLE**

SSRHN1508	15 X 8MM 316 S/S REDUCING HEX NIPPLE
SSRHN2008	20 X 8MM 316 S/S REDUCING HEX NIPPLE
SSRHN2015	20 X 15MM 316 S/S REDUCING HEX NIPPLE
SSRHN2508	25 X 8MM 316 S/S REDUCING HEX NIPPLE
SSRHN2515	25 X 15MM 316 S/S REDUCING HEX NIPPLE
SSRHN2520	25 X 20MM 316 S/S REDUCING HEX NIPPLE
SSRHN3220	32 X 20MM 316 S/S REDUCING HEX NIPPLE
SSRHN3225	32 X 25MM 316 S/S REDUCING HEX NIPPLE
SSRHN4025	40 X 25MM 316 S/S REDUCING HEX NIPPLE
SSRHN4032	40 X 32MM 316 S/S REDUCING HEX NIPPLE
SSRHN5025	50 X 25MM 316 S/S REDUCING HEX NIPPLE
SSRHN5032	50 X 32MM 316 S/S REDUCING HEX NIPPLE
SSRHN5040	50 X 40MM 316 S/S REDUCING HEX NIPPLE



**HEX NIPPLE**

SSHNO08	8MM 316 S/S HEX NIPPLE
SSHNO15	15MM 316 S/S HEX NIPPLE
SSHNO20	20MM 316 S/S HEX NIPPLE
SSHNO25	25MM 316 S/S HEX NIPPLE
SSHNO32	32MM 316 S/S HEX NIPPLE
SSHNO40	40MM 316 S/S HEX NIPPLE
SSHNO50	50MM 316 S/S HEX NIPPLE



**SOCKETS**

SSS008	8MM 316 S/S SOCKET
SSS010	10MM 316 S/S SOCKET
SSS015	15MM 316 S/S SOCKET
SSS020	20MM 316 S/S SOCKET
SSS025	25MM 316 S/S SOCKET
SSS032	32MM 316 S/S SOCKET
SSS040	40MM 316 S/S SOCKET
SSS050	50MM 316 S/S SOCKET
SSS065	65MM 316 S/S SOCKET
SSS080	80MM 316 S/S SOCKET



**STAINLESS STEEL THREADED FITTINGS**

**316 Stainless Steel**

CODE DESCRIPTION

**REDUCING SOCKETS**

SSRS2015	20 X 15MM 316 S/S REDUCING SOCKET
SSRS2520	25 X 20MM 316 S/S REDUCING SOCKET
SSRS3220	32 X 20MM 316 S/S REDUCING SOCKET
SSRS3225	32 X 25MM 316 S/S REDUCING SOCKET
SSRS4025	40 X 25MM 316 S/S REDUCING SOCKET
SSRS4032	40 X 32MM 316 S/S REDUCING SOCKET
SSRS5032	50 X 32MM 316 S/S REDUCING SOCKET
SSRS5040	50 X 40MM 316 S/S REDUCING SOCKET



**EQUAL TEE**

SSET008	8MM 316 S/S EQUAL TEE
SSET010	10MM 316 S/S EQUAL TEE
SSET015	15MM 316 S/S EQUAL TEE
SSET020	20MM 316 S/S EQUAL TEE
SSET025	25MM 316 S/S EQUAL TEE
SSET032	32MM 316 S/S EQUAL TEE
SSET040	40MM 316 S/S EQUAL TEE
SSET050	50MM 316 S/S EQUAL TEE



**BACKNUT**

SSBNU015	15MM 316 S/S BACKNUT
SSBNU020	20MM 316 S/S BACKNUT
SSBNU025	25MM 316 S/S BACKNUT
SSBNU032	32MM 316 S/S BACKNUT
SSBNU040	40MM 316 S/S BACKNUT
SSBNU050	50MM 316 S/S BACKNUT



**BARREL NIPPLE**

SSBN008	8MM 316 S/S BARREL NIPPLE
SSBN015	15MM 316 S/S BARREL NIPPLE
SSBN020	20MM 316 S/S BARREL NIPPLE
SSBN025	25MM 316 S/S BARREL NIPPLE
SSBN032	32MM 316 S/S BARREL NIPPLE
SSBN040	40MM 316 S/S BARREL NIPPLE
SSBN050	50MM 316 S/S BARREL NIPPLE



**MAC UNION**

SSMU015	15MM 316 S/S MAC UNION
SSMU020	20MM 316 S/S MAC UNION
SSMU025	25MM 316 S/S MAC UNION
SSMU032	32MM 316 S/S MAC UNION
SSMU040	40MM 316 S/S MAC UNION
SSMU050	50MM 316 S/S MAC UNION



**STAINLESS STEEL THREADED FITTINGS**

**316 Stainless Steel**

CODE DESCRIPTION

**FEMALE ELBOW**

SSFE008	8MM 316 S/S FEMALE ELBOW
SSFE015	15MM 316 S/S FEMALE ELBOW
SSFE020	20MM 316 S/S FEMALE ELBOW
SSFE025	25MM 316 S/S FEMALE ELBOW
SSFE032	32MM 316 S/S FEMALE ELBOW
SSFE040	40MM 316 S/S FEMALE ELBOW
SSFE050	50MM 316 S/S FEMALE ELBOW



**MALE / FEMALE ELBOWS**

SSMFE008	8MM 316 S/S M/F ELBOW
SSMFE015	15MM 316 S/S M/F ELBOW
SSMFE020	20MM 316 S/S M/F ELBOW
SSMFE025	25MM 316 S/S M/F ELBOW
SSMFE032	32MM 316 S/S M/F ELBOW
SSMFE040	40MM 316 S/S M/F ELBOW
SSMFE050	50MM 316 S/S M/F ELBOW



**PLUG**

SSP008	8MM 316 S/S PLUG
SSP010	10MM 316 S/S PLUG
SSP015	15MM 316 S/S PLUG
SSP020	20MM 316 S/S PLUG
SSP025	25MM 316 S/S PLUG
SSP032	32MM 316 S/S PLUG
SSP040	40MM 316 S/S PLUG
SSP050	50MM 316 S/S PLUG



**WELD NIPPLE**

SSWN008	8MM 316 S/S WELD NIPPLE
SSWN015	15MM 316 S/S WELD NIPPLE
SSWN020	20MM 316 S/S WELD NIPPLE
SSWN025	25MM 316 S/S WELD NIPPLE
SSWN032	32MM 316 S/S WELD NIPPLE
SSWN040	40MM 316 S/S WELD NIPPLE
SSWN050	50MM 316 S/S WELD NIPPLE



**MALE HOSE TAIL**

SSMHT008	8MM 316 S/S MALE HOSE TAIL
SSMHT015	15MM 316 S/S MALE HOSE TAIL
SSMHT020	20MM 316 S/S MALE HOSE TAIL
SSMHT025	25MM 316 S/S MALE HOSE TAIL
SSMHT032	32MM 316 S/S MALE HOSE TAIL
SSMHT040	40MM 316 S/S MALE HOSE TAIL
SSMHT050	50MM 316 S/S MALE HOSE TAIL



**GALV THREADED FITTINGS**

CODE DESCRIPTION

**STAINLESS MALE HOSE TAIL**

SMHT20	20mm Stainless Steel Male Hose Tail
SMHT25	25mm Stainless Steel Male Hose Tail
SMHT32	32mm Stainless Steel Male Hose Tail
SMHT40	40mm Stainless Steel Male Hose Tail
SMHT50	50mm Stainless Steel Male Hose Tail
SMHT65	65mm Stainless Steel Male Hose Tail
SMHT80	80mm Stainless Steel Male Hose Tail
SMHT100	100mm Stainless Steel Male Hose Tail



**GALV MALE HOSE TAIL**

GMHT15	15mm Galv Male Hose Tail
GMHT20	20mm Galv Male Hose Tail
GMHT25	25mm Galv Male Hose Tail
GMHT32	32mm Galv Male Hose Tail
GMHT40	40mm Galv Male Hose Tail
GMHT50	50mm Galv Male Hose Tail
GMHT65	65mm Galv Male Hose Tail
GMHT80	80mm Galv Male Hose Tail
GMHT100	100mm Galv Male Hose Tail
GMHT150	150mm Galv Male Hose Tail
GMHT200	200mm Galv Male Hose Tail



**GALV HOSE JOINER**

GHJ15	15mm Galv Hose Joiner
GHJ20	20mm Galv Hose Joiner
GHJ25	25mm Galv Hose Joiner
GHJ32	32mm Galv Hose Joiner
GHJ40	40mm Galv Hose Joiner
GHJ50	50mm Galv Hose Joiner
GHJ65	65mm Galv Hose Joiner
GHJ80	80mm Galv Hose Joiner
GHJ100	100mm Galv Hose Joiner
GHJ150	150mm Galv Hose Joiner



**GALV STEEL STRAINER**

GSS40	40mm Galv Steel Strainer
GSS50	50mm Galv Steel Strainer
GSS65	65mm Galv Steel Strainer
GSS80	80mm Galv Steel Strainer
GSS100	100mm Galv Steel Strainer
GSS150	150mm Galv Steel Strainer
GSS200	200mm Galv Steel Strainer



**MUNZING RINGS**

CODE DESCRIPTION

**GALVANISED**

GMR015	15MM GALV MUNZING RING
GMR020	20MM GALV MUNZING RING
GMR025	25MM GALV MUNZING RING
GMR032	32MM GALV MUNZING RING
GMR040	40MM GALV MUNZING RING
GMR050	50MM GALV MUNZING RING
GMR065	65MM GALV MUNZING RING
GMR080	80MM GALV MUNZING RING
GMR100	100MM GALV MUNZING RING
GMR150	150MM GALV MUNZING RING



**BASE PLATES**

GMRBP	10MM GALV MUNZING RING BASE PLATE
GMRBPWB	GALV MUNZING RING B/PLATE WELD BOSS



**1 METRE RODS**

GMRSR	10MM SCREWED ZINC ROD X 1M
GMRR	10MM SCREWED GALVANISED ROD X 1M



**RUBBER LINED**

GMRR015	15MM GALV MUNZING RING - RUBBER
GMRR020	20MM GALV MUNZING RING - RUBBER
GMRR025	25MM GALV MUNZING RING - RUBBER
GMRR032	32MM GALV MUNZING RING - RUBBER
GMRR040	40MM GALV MUNZING RING - RUBBER
GMRR050	50MM GALV MUNZING RING - RUBBER
GMRR065	65MM GALV MUNZING RING - RUBBER
GMRR080	80MM GALV MUNZING RING - RUBBER
GMRR100	100MM GALV MUNZING RING - RUBBER
GMRR150	150MM GALV MUNZING RING - RUBBER



**SEALING GROMMETS**

GR19	19mm GROMMET DOUBLE FLANGED
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FOR EFFICIENT CONNECTIONS TO  
 PVC & PE PIPE

**Installation: Double Flanged Grommets**

*Drill required hole (see chart) and fit the grommet, chamfered side inside the pipe and groove to suit pipe form. then push the take-off firmly home.*



GR34 (19MM)

## BRASS FITTINGS

CODE	DESCRIPTION	SIZE (mm)
<b>REDUCING BUSHES</b>		
BRB0806	8 X 6MM BRASS REDUCING BUSH	8 x 6
BRB1006	10 X 6MM BRASS REDUCING BUSH	10 x 6
BRB1008	10 X 8 MM BRASS REDUCING BUSH	10 x 8
BRB1506	15 X 6MM BRASS REDUCING BUSH	15 x 6
BRB1508	15 X 8MM BRASS REDUCING BUSH	15 x 8
BRB1510	15 X 10MM BRASS REDUCING BUSH	15 x 10
BRB2008	20 X 8MM BRASS REDUCING BUSH	20 x 8
BRB2010	20 X 10MM BRASS REDUCING BUSH	20 x 10
BRB2015	20 X 15MM BRASS REDUCING BUSH	20 x 15
BRB2515	25 X 15MM BRASS REDUCING BUSH	25 x 15
BRB2520	25 X 20MM BRASS REDUCING BUSH	25 x 20
BRB3215	32 X 15MM BRASS REDUCING BUSH	32 x 15
BRB3220	32 X 20MM BRASS REDUCING BUSH	32 x 20
BRB3225	32 X 25MM BRASS REDUCING BUSH	32 x 25
BRB4020	40 X 20MM BRASS REDUCING BUSH	40 x 20
BRB4025	40 X 25MM BRASS REDUCING BUSH	40 x 25
BRB4032	40 X 32MM BRASS REDUCING BUSH	40 x 32
BRB5020	50 X 20MM BRASS REDUCING BUSH	50 x 20
BRB5025	50 X 25MM BRASS REDUCING BUSH	50 x 25
BRB5032	50 X 32MM BRASS REDUCING BUSH	50 x 32
BRB5040	50 X 40MM BRASS REDUCING BUSH	50 x 40



## HEX NIPPLES

BHN06	6MM BRASS HEX NIPPLE	6
BHN08	8MM BRASS HEX NIPPLE	8
BHN10	10MM BRASS HEX NIPPLE	10
BHN15	15MM BRASS HEX NIPPLE	15
BHN20	20MM BRASS HEX NIPPLE	20
BHN25	25MM BRASS HEX NIPPLE	25
BHN32	32MM BRASS HEX NIPPLE	32
BHN40	40MM BRASS HEX NIPPLE	40
BHN50	50MM BRASS HEX NIPPLE	50



## REDUCING HEX NIPPLES

BRHN0806	8 X 6MM BRASS REDUCING HEX NIPPLE	8 X 6
BRHN1006	10 X 6MM BRASS REDUCING HEX NIPPLE	10 X 6
BRHN1008	10 X 8MM BRASS REDUCING HEX NIPPLE	10 X 8
BRHN1506	15 X 6MM BRASS REDUCING HEX NIPPLE	15 X 6
BRHN1508	15 X 8MM BRASS REDUCING HEX NIPPLE	15 X 8
BRHN1510	15 X 10MM BRASS REDUCING HEX NIPPLE	15 X 10
BRHN2015	20 X 15MM BRASS REDUCING HEX NIPPLE	20 X 15
BRHN2515	25 X 15MM BRASS REDUCING HEX NIPPLE	25 X 15
BRHN2520	25 X 20MM BRASS REDUCING HEX NIPPLE	25 X 20
BRHN3225	32 X 25MM BRASS REDUCING HEX NIPPLE	32 X 25
BRHN4025	40 X 25MM BRASS REDUCING HEX NIPPLE	40 X 25
BRHN4032	40 X 32MM BRASS REDUCING HEX NIPPLE	40 X 32
BRHN5025	50 X 25MM BRASS REDUCING HEX NIPPLE	50 X 25
BRHN5032	50 X 32MM BRASS REDUCING HEX NIPPLE	50 X 32
BRHN5040	50 X 40MM BRASS REDUCING HEX NIPPLE	50 X 40



**BRASS FITTINGS**

CODE DESCRIPTION SIZE (mm)

**THREADED ELBOWS**

BE06	6MM BRASS ELBOW FEMALE	6
BE08	8MM BRASS ELBOW FEMALE	8
BE10	10MM BRASS ELBOW FEMALE	10
BE15	15MM BRASS ELBOW FEMALE	15
BE20	20MM BRASS ELBOW FEMALE	20
BE25	25MM BRASS ELBOW FEMALE	25
BE32	32MM BRASS ELBOW FEMALE	32
BE40	40MM BRASS ELBOW FEMALE	40
BE50	50MM BRASS ELBOW FEMALE	50



**CROX ELBOWS**

BCE15	15MM BRASS CROX ELBOW WITH NUTS	15
BCE20	20MM BRASS CROX ELBOW WITH NUTS	20



**CROX MALE ELBOWS**

BCE15M	15MM BRASS CROX ELBOW MALE	15
BCE20M	20MM BRASS CROX ELBOW MALE	20



**CROX FEMALE ELBOWS**

BCE15F	15MM BRASS CROX ELBOW FEMALE	15
BCE20F	20MM BRASS CROX ELBOW FEMALE	20
BCE25F	25MM BRASS CROX ELBOW FEMALE	25



**PVC BRACKET ELBOWS**

BBE15	15MM BRASS BRACKET ELBOW PVC	15
BBE20	20MM BRASS BRACKET ELBOW PVC	20
BBE2015	20X15MM BRASS BRACKET ELBOW PVC	20 x 15



**BRAZING BRACKET ELBOWS**

BBE15B	15MM BRASS BRACKET ELBOW BRAZING	15
BBE20B	20MM BRASS BRACKET ELBOW BRAZING	20
BBE2015B	20MM X 15MM BRAZING BRACKET ELBOW	20 x 15



**MALE EXTENSION BRACKET ELBOW**

BBE15M	15MM BRASS CROX ELBOW MALE	15
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**BRASS FITTINGS**

CODE DESCRIPTION SIZE (mm)

**CROX BRACKET ELBOW**

BBE15C 15MM BRASS CROX BRACKET ELBOW 15



**SOCKETS**

BS06 6MM BRASS SOCKET 6  
BS08 8MM BRASS SOCKET 8  
BS10 10MM BRASS SOCKET 10  
BS15 15MM BRASS SOCKET 15  
BS20 20MM BRASS SOCKET 20  
BS25 25MM BRASS SOCKET 25  
BS32 32MM BRASS SOCKET 32  
BS40 40MM BRASS SOCKET 40  
BS50 50MM BRASS SOCKET 50



**HEX SOCKET M/F**

BHS15MF 15MM BRASS EXTENSION SOCKET M/F 15  
BHS1532MF 15MM X 32MM THREAD BRASS SOCKET M/F 15 x 32  
BHS20MF 20MM BRASS EXTENSION SOCKET M/F 20  
BHS25MF 25MM BRASS EXTENSION SOCKET M/F 25  
BHS32MF 32MM BRASS SOCKET M/F 32  
BHS40MF 40MM BRASS SOCKET M/F 40  
BHS50MF 50MM BRASS SOCKET M/F 50



**REDUCING HEX SOCKET M/F**

BRHS2015MF 20 X 15MM BRASS REDUCING EXT SOCKET 20 x 15  
BRHS2515MF 25 X 15MM BRASS REDUCING HEX SOCKET 25 x 15  
BRHS2520MF 25 X 20MM BRASS REDUCING EXT SOCKET 25 x 20  
BRHS3220MF 32 X 20MM BRASS REDUCING HEX SOCKET 32 x 20  
BRHS3225MF 32 X 25MM BRASS REDUCING HEX SOCKET 32 x 25  
BRHS4032MF 40 X 32MM BRASS REDUCING HEX SOCKET 40 x 32



**CAPS**

BC15 15MM BRASS CAP 15  
BC20 20MM BRASS CAP 20  
BC25 25MM BRASS CAP 25  
BC32 32MM BRASS CAP 32  
BC40 40MM BRASS CAP 40  
BC50 50MM BRASS CAP 50



**PLUGS**

BP08 8MM BRASS PLUG 8  
BP10 10MM BRASS PLUG 10  
BP15 15MM BRASS PLUG 15  
BP20 20MM BRASS PLUG 20  
BP25 25MM BRASS PLUG 25  
BP32 32MM BRASS PLUG 32  
BP40 40MM BRASS PLUG 40  
BP50 50MM BRASS PLUG 50



**BRASS FITTINGS**

CODE	DESCRIPTION	SIZE (mm)
<b>FEMALE THREADED TEES</b>		
BT06	6MM BRASS TEE FEMALE	6
BT08	8MM BRASS TEE FEMALE	8
BT10	10MM BRASS TEE FEMALE	10
BT15	15MM BRASS TEE FEMALE	15
BT20	20MM BRASS TEE FEMALE	20
BT25	25MM BRASS TEE FEMALE	25
BT32	32MM BRASS TEE FEMALE	32
BT40	40MM BRASS TEE FEMALE	40
BT50	50MM BRASS TEE FEMALE	50



**CROX TEES**

BCT15	15MM BRASS CROX TEE	15
BCT20	20MM BRASS CROX TEE	20
BCT25	25MM BRASS CROX TEE	25



**REDUCING CROX TEES**

BRCT2015	20 X 15MM BRASS REDUCING CROX TEE	20 x 15
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**BRAZING TEE**

BBT15B	15MM BRASS BRAZING BRACKET TEE	15
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**HOSE PLATE BRAZING**

BHP15B	15MM BRASS BRAZING HOSE PLATE	15
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**WASHING MACHINE NIPPLE**

WMN2015	20 X15MM WASHING MACHINE NIPPLE	20 x 15
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**CROX NUTS**

BCN15	15MM BRASS CROX NUT	15
BCN20	20MM BRASS CROX NUT	20
BCN25	25MM BRASS CROX NUT	25
BCN32	32MM BRASS CROX NUT	32
BCN40	40MM BRASS CROX NUT	40
BCN50	50MM BRASS CROX NUT	50



**LUG NIPPLE**

BLN15	15MM BRASS LUG NIPPLE	15
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**BRASS FITTINGS**

CODE	DESCRIPTION	SIZE (mm)
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**FLANGED BACKNUTS**

BFB15	15MM BRASS FLANGED BACKNUT	15
BFB20	20MM BRASS FLANGED BACKNUT	20
BFB25	25MM BRASS FLANGED BACKNUT	25
BFB32	32MM BRASS FLANGED BACKNUT	32
BFB40	40MM BRASS FLANGED BACKNUT	40
BFB50	50MM BRASS FLANGED BACKNUT	50



BFB15W	15MM BRASS WIDE FLANGED BACKNUT	15
BFB20W	20MM BRASS WIDE FLANGED BACKNUT	20
BFB25W	25MM BRASS WIDE FLANGED BACKNUT	25



**NIPPLE TUBE**

BNTT15	15 X 600MM BARRELL NIPPLE TUBE
BNTT20	20 X 600MM BARRELL NIPPLE TUBE
BNTT25	25 X 600MM BARRELL NIPPLE TUBE
BNTT32	32 X 600MM BARRELL NIPPLE TUBE
BNTT40	40 X 600MM BARRELL NIPPLE TUBE



**BRASS UNIONS (PTFE SEAL)**

<b>FEMALE/FEMALE</b>	
BUF15	15MM BRASS UNION FEMALE
BUF20	20MM BRASS UNION FEMALE
BUF25	25MM BRASS UNION FEMALE



<b>MALE/FEMALE</b>	
BUMF15	15MM BRASS UNION M/F
BUMF20	20MM BRASS UNION M/F
BUMF25	25MM BRASS UNION M/F



**BRASS FITTINGS**

NOTE: Pipe size first two numbers of code followed by length

CODE	DESCRIPTION	SIZE (mm)
<b>BARRELL NIPPLES</b>		
BBN1532	15 X 32MM BRASS BARRELL NIPPLE	15 x 32
BBN1535	15 X 35MM BRASS BARRELL NIPPLE	15 x 35
BBN1540	15 X 40MM BRASS BARRELL NIPPLE	15 x 40
BBN1545	15 X 45MM BRASS BARRELL NIPPLE	15 x 45
BBN1550	15 X 50MM BRASS BARRELL NIPPLE	15 x 50
BBN1560	15 X 60MM BRASS BARRELL NIPPLE	15 x 60
BBN1565	15 X 65MM BRASS BARRELL NIPPLE	15 x 65
BBN1570	15 X 70MM BRASS BARRELL NIPPLE	15 x 70
BBN1575	15 X 75MM BRASS BARRELL NIPPLE	15 x 75
BBN1580	15 X 80MM BRASS BARRELL NIPPLE	15 x 80
BBN1590	15 X 90MM BRASS BARRELL NIPPLE	15 x 90
BBN15100	15 X 100MM BRASS BARRELL NIPPLE	15 x 100
BBN15150	15 X 150MM BRASS BARRELL NIPPLE	15 x 150
BBN2032	20 X 32MM BRASS BARRELL NIPPLE	20 X 32
BBN2035	20 X 35MM BRASS BARRELL NIPPLE	20 X 35
BBN2040	20 X 40MM BRASS BARRELL NIPPLE	20 X 40
BBN2045	20 X 45MM BRASS BARRELL NIPPLE	20 X 45
BBN2050	20 X 50MM BRASS BARRELL NIPPLE	20 X 50
BBN2060	20 X 60MM BRASS BARRELL NIPPLE	20 X 60
BBN2065	20 X 65MM BRASS BARRELL NIPPLE	20 X 65
BBN2070	20 X 70MM BRASS BARRELL NIPPLE	20 X 70
BBN2075	20 X 75MM BRASS BARRELL NIPPLE	20 X 75
BBN2080	20 X 80MM BRASS BARRELL NIPPLE	20 X 80
BBN2085	20 X 85MM BRASS BARRELL NIPPLE	20 X 85
BBN2090	20 X 90MM BRASS BARRELL NIPPLE	20 X 90
BBN20100	20 X 100MM BRASS BARRELL NIPPLE	20 X 100
BBN20150	20 X 150MM BRASS BARRELL NIPPLE	20 X 150
BBN2540	25 X 40MM BRASS BARRELL NIPPLE	25 X 40
BBN2550	25 X 50MM BRASS BARRELL NIPPLE	25 X 50
BBN2560	25 X 60MM BRASS BARRELL NIPPLE	25 X 60
BBN2570	25 X 70MM BRASS BARRELL NIPPLE	25 X 70
BBN2580	25 X 80MM BRASS BARRELL NIPPLE	25 X 80
BBN25100	25 X 100MM BRASS BARRELL NIPPLE	25 X 100
BBN3250	32 X 50MM BRASS BARRELL NIPPLE	32x50
BBN3260	32 X 60MM BRASS BARRELL NIPPLE	32x60
BBN3270	32 X 70MM BRASS BARRELL NIPPLE	32x70
BBN3280	32 X 80MM BRASS BARRELL NIPPLE	32x80
BBN32100	32 X 100MM BRASS BARRELL NIPPLE	32x100
BBN4050	40 X 50MM BRASS BARRELL NIPPLE	40x50
BBN4060	40 X 60MM BRASS BARRELL NIPPLE	40x60
BBN4070	40 X 70MM BRASS BARRELL NIPPLE	40x70
BBN4080	40 X 80MM BRASS BARRELL NIPPLE	40x80
BBN40100	40 X 100MM BRASS BARRELL NIPPLE	40x100
BBN5060	50 X 60MM BRASS BARRELL NIPPLE	50x60
BBN5070	50 X 70MM BRASS BARRELL NIPPLE	50x70
BBN5080	50 X 80MM BRASS BARRELL NIPPLE	50x80



**NORMAPLAST PLASTIC HOSE & PIPE CONNECTORS**

For use in piping gases and fluids, vacuum lines etc

Made from acetal copolymerisate (POM) - stable with many chemicals and fuels

CODE DESCRIPTION

**STRAIGHT CONNECTOR**

NSC03	3MM NORMA PLASTIC CONNECTOR
NSC05	5MM NORMA PLASTIC CONNECTOR
NSC06	6MM NORMA PLASTIC CONNECTOR
NSC08	8MM NORMA PLASTIC CONNECTOR
NSC10	10MM NORMA PLASTIC CONNECTOR
NSC12	12MM NORMA PLASTIC CONNECTOR
NSC13	13MM NORMA PLASTIC CONNECTOR



**TEE**

NTS03	3MM NORMA PLASTIC TEE
NTS04	4MM NORMA PLASTIC TEE
NTS05	5MM NORMA PLASTIC TEE
NTS06	6MM NORMA PLASTIC TEE
NTS08	8MM NORMA PLASTIC TEE
NTS10	10MM NORMA PLASTIC TEE
NTS12	12MM NORMA PLASTIC TEE
NTS13	13MM NORMA PLASTIC TEE



**Y CONNECTOR**

NYS03	3MM NORMA PLASTIC Y CONNECTOR
NYS04	4MM NORMA PLASTIC Y CONNECTOR
NYS05	5MM NORMA PLASTIC Y CONNECTOR
NYS06	6MM NORMA PLASTIC Y CONNECTOR
NYS08	8MM NORMA PLASTIC Y CONNECTOR
NYS10	10MM NORMA PLASTIC Y CONNECTOR
NYS12	12MM NORMA PLASTIC Y CONNECTOR



**MALE CONNECTOR**

NRMC0608	NORMA REDUCING MALE 1/8" X 8MM
NRMC0806	NORMA REDUCING MALE 1/4" X 6MM
NRMC0808	NORMA REDUCING MALE 1/4" X 8MM
NRMC0810	NORMA REDUCING MALE 1/4" X 10MM
NRMC1006	NORMA REDUCING MALE 3/8" X 6MM
NRMC1008	NORMA REDUCING MALE 3/8" X 8MM
NRMC1010	NORMA REDUCING MALE 3/8" X 10MM
NRMC1012	NORMA REDUCING MALE 3/8" X 12MM
NRMC1508	NORMA REDUCING MALE 1/2" X 8MM
NRMC1512	NORMA REDUCING MALE 1/2" X 12MM



**NORMAPLAST PLASTIC HOSE & PIPE CONNECTORS**

For use in piping gases and fluids, vacuum lines etc

Made from acetal copolymerisate (POM) - stable with many chemicals and fuels

**CODE DESCRIPTION**

**MALE BEND**

NWES0606	NORMA MALE BEND 1/8" BSP X 6MM TAIL
NWES0608	NORMA MALE BEND 1/8" BSP X 8MM TAIL
NWES0806	NORMA MALE BEND 1/4" BSP X 6MM TAIL
NWES0808	NORMA MALE BEND 1/4" X 8MM TAIL
NWES0810	NORMA MALE BEND 1/4" X 10MM TAIL
NWES1006	NORMA MALE BEND 3/8" BSP X 6MM TAIL
NWES1008	NORMA MALE BEND 3/8" X 8MM TAIL
NWES1010	NORMA MALE BEND 3/8" X 10MM TAIL
NWES1012	NORMA MALE BEND 3/8" X 12MM TAIL
NWES1508	NORMA MALE BEND 1/2" X 8MM TAIL
NWES1512	NORMA MALE BEND 1/2" X 12MM TAIL



**ELBOW**

NWS03	3MM NORMA PLASTIC ELBOW
NWS04	4MM NORMA PLASTIC ELBOW
NWS05	5MM NORMA PLASTIC ELBOW
NWS06	6MM NORMA PLASTIC ELBOW
NWS08	8MM NORMA PLASTIC ELBOW
NWS10	10MM NORMA PLASTIC ELBOW
NWS12	12MM NORMA PLASTIC ELBOW
NWS13	13MM NORMA PLASTIC ELBOW
NWS14	14MM NORMA PLASTIC ELBOW



**MALE TEE**

NTES0806	8MM X 1/8" NORMA MALE TEE
NTES0808	8MM X 1/4" NORMA MALE TEE
NTES1010	10MM X 3/8" NORMA MALE TEE



**REDUCING STRAIGHT**

NRS0806	08 X 6MM NORMA REDUCING STRAIGHT
NRS1006	10 X 6MM NORMA REDUCING STRAIGHT
NRS1008	10 X 8MM NORMA REDUCING STRAIGHT
NRS1208	12 X 8MM NORMA REDUCING STRAIGHT
NRS1210	12 X 10MM NORMA REDUCING STRAIGHT



**REDUCING TEE**

NTRS0806	8 X 6MM NORMA REDUCING TEE
NTRS0812	8 X 12MM NORMA REDUCING TEE
NTRS1006	10 x 6MM NORMA REDUCING TEE
NTRS1008	10 X 8MM NORMA REDUCING TEE
NTRS1206	12 X 6MM NORMA REDUCING TEE
NTRS1208	12 X 8MM NORMA REDUCING TEE
NTRS1506	15 X 6MM NORMA REDUCING TEE



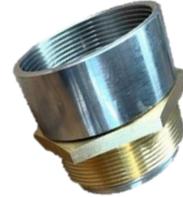
**M/F SWIVEL ADAPTER, THREE PIECE UNION COUPLING AND  
 ITAP 5-WAY PUMP CONNECTOR**

CODE DESCRIPTION

**M/F SWIVEL ADAPTER**

Stainless steel and brass  
 Nitrile rubber O rings

SWIVEL25	25MM M/F SWIVEL
SWIVEL32	32MM M/F SWIVEL
SWIVEL40	40MM M/F SWIVEL
SWIVEL50	50MM M/F SWIVEL
SWIVEL65	65MM M/F SWIVEL



**THREE PIECE UNION COUPLING**

Nickel-plated brass  
 Conical seat  
 NBR O ring

UC20	20MM N/P UNION COUPLING
UC25	25MM N/P UNION COUPLING
UC32	32MM N/P UNION COUPLING
UC40	40MM N/P UNION COUPLING
UC50	50MM N/P UNION COUPLING



UEC20	20MM N/P UNION ELBOW COUPLING
UEC25	25MM N/P UNION ELBOW COUPLING
UEC32	32MM N/P UNION ELBOW COUPLING



**ITAP 5-WAY PUMP CONNECTOR**

Max pressure: 25 bar (360 PSI)  
 Body: Brass

ITAP25W	25MM 5 WAY PUMP CONNECTOR
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**GALV PRESSED STEEL A-CLAMPS**

CODE

**STRAIGHT A CLAMP**

GAC15	15MM GALV A CLAMP
GAC20	20MM GALV A CLAMP
GAC25	25MM GALV A CLAMP
GAC32	32MM GALV A CLAMP
GAC4040	40MM GALV A CLAMP
GAC50	50MM GALV A CLAMP

**REDUCING A CLAMP**

GAC2520	25 X 20MM GALV A CLAMP
GAC2532	25 X 32MM GALV A CLAMP
GAC2540	25 X 40MM GALV A CLAMP
GAC3225	32 X 25MM GALV A CLAMP
GAC3240	32 X 40MM GALV A CLAMP
GAC4025	40 X 25MM GALV A CLAMP
GAC4032	40 X 32MM GALV A CLAMP
GAC5025	50 X 25MM GALV A CLAMP
GAC5032	50 X 32MM GALV A CLAMP
GAC5040	50 X 40MM GALV A CLAMP

**CROSSES**

GACR25	25MM GALV A CLAMP CROSS
GACR32	32MM GALV A CLAMP CROSS
GACR40	40MM GALV A CLAMP CROSS

**REDUCING CROSSES**

GACR2520	25 x 20MM A CLAMP CROSS
GACR4025	40 X 25MM GALV A CLAMP CROSS
GACR5040	50 X 40MM GALV A CLAMP CROSS



## GALVANISED PIPE FITTINGS

CODE	DESCRIPTION
<b>HEX NIPPLE</b>	
GHN6	6MM GALV HEX NIPPLE
GHN8	8MM GALV HEX NIPPLE
GHN10	10MM GALV HEX NIPPLE
GHN15	15MM GALV HEX NIPPLE
GHN20	20MM GALV HEX NIPPLE
GHN25	25MM GALV HEX NIPPLE
GHN32	32MM GALV HEX NIPPLE
GHN40	40MM GALV HEX NIPPLE
GHN50	50MM GALV HEX NIPPLE
GHN65	65MM GALV HEX NIPPLE
GHN80	80MM GALV HEX NIPPLE
GHN100	100MM GALV HEX NIPPLE



<b>SOCKETS</b>	
GS08	8MM GALV SOCKET
GS10	10MM GALV SOCKET
GS15	15MM GALV SOCKET
GS20	20MM GALV SOCKET
GS25	25MM GALV SOCKET
GS32	32MM GALV SOCKET
GS40	40MM GALV SOCKET
GS50	50MM GALV SOCKET
GS65	65MM GALV SOCKET
GS80	80MM GALV SOCKET
GS100	100MM GALV SOCKET



<b>TEE'S</b>	
GT06	6MM GALV EQUAL TEE
GT08	8MM GALV EQUAL TEE
GT10	10MM GALV EQUAL TEE
GT15	15MM GALV EQUAL TEE
GT20	20MM GALV EQUAL TEE
GT25	25MM GALV EQUAL TEE
GT32	32MM GALV EQUAL TEE
GT40	40MM GALV EQUAL TEE
GT50	50MM GALV EQUAL TEE
GT65	65MM GALV EQUAL TEE
GT80	80MM GALV EQUAL TEE
GT100	100MM GALV EQUAL TEE



<b>COUPLINGS</b>	
GBJ15V	15MM GALV BJ COUPLING (VICKING)
GBJ20V	20MM GALV BJ COUPLING (VICKING)
GBJ25V	25MM GALV BJ COUPLING (VICKING)
GBJ32V	32MM GALV BJ COUPLING (VICKING)
GBJ40V	40MM GALV BJ COUPLING (VICKING)
GBJ50V	50MM GALV BJ COUPLING (VICKING)



CODE DESCRIPTION

**BUSHES**

GRB1008	10 X 8 MM GALV REDUCING BUSH
GRB1506	15 X 6MM GALV REDUCING BUSH
GRB1508	15 X 8MM GALV REDUCING BUSH
GRB1510	15 X 10MM GALV REDUCING BUSH
GRB2006	20 X 6MM GALV REDUCING BUSH
GRB2008	20 X 8MM GALV REDUCING BUSH
GRB2010	20 X 10MM GALV REDUCING BUSH
GRB2015	20 X 15MM GALV REDUCING BUSH
GRB2508	25 X 8MM GALV REDUCING BUSH
GRB2510	25 X 10MM GALV REDUCING BUSH
GRB2515	25 X 15MM GALV REDUCING BUSH
GRB2520	25 X 20MM GALV REDUCING BUSH
GRB3210	32 X 10MM GALV REDUCING BUSH
GRB3215	32 X 15MM GALV REDUCING BUSH
GRB3220	32 X 20MM GALV REDUCING BUSH
GRB3225	32 X 25MM GALV REDUCING BUSH
GRB4015	40 X 15MM GALV REDUCING BUSH
GRB4020	40 X 20MM GALV REDUCING BUSH
GRB4025	40 X 25MM GALV REDUCING BUSH
GRB4032	40 X 32MM GALV REDUCING BUSH
GRB5015	50 X 15MM GALV REDUCING BUSH
GRB5020	50 X 20MM GALV REDUCING BUSH
GRB5025	50 X 25MM GALV REDUCING BUSH
GRB5032	50 X 32MM GALV REDUCING BUSH
GRB5040	50 X 40MM GALV REDUCING BUSH
GRB6525	65 X 25MM GALV REDUCING BUSH
GRB6532	65 X 32MM GALV REDUCING BUSH
GRB6540	65 X 40MM GALV REDUCING BUSH
GRB6550	65 X 50MM GALV REDUCING BUSH
GRB8032	80 X 32MM GALV REDUCING BUSH
GRB8040	80 X 40MM GALV REDUCING BUSH
GRB8050	80 X 50MM GALV REDUCING BUSH
GRB8065	80 X 65MM GALV REDUCING BUSH
GRB10050	100 X 50MM GALV REDUCING BUSH
GRB10065	100 X 65MM GALV REDUCING BUSH
GRB10080	100 X 80MM GALV REDUCING BUSH
GRB150100	150 X 100MM GALV REDUCING BUSH



**90 DEG FEMALE ELBOW**

GE90F6	6MM GALV ELBOW 90'FEMALE
GE90F8	8MM GALV ELBOW 90'FEMALE
GE90F10	10MM GALV ELBOW 90'FEMALE
GE90F15	15MM GALV ELBOW 90'FEMALE
GE90F20	20MM GALV ELBOW 90'FEMALE
GE90F25	25MM GALV ELBOW 90'FEMALE
GE90F32	32MM GALV ELBOW 90'FEMALE
GE90F40	40MM GALV ELBOW 90'FEMALE
GE90F50	50MM GALV ELBOW 90'FEMALE
GE90F65	65MM GALV ELBOW 90'FEMALE
GE90F80	80MM GALV ELBOW 90'FEMALE
GE90F100	100MM GALV ELBOW 90'FEMALE



CODE DESCRIPTION

**90 DEG MALE/FEMALE ELBOW**

GE90MF6	6MM GALV ELBOW 90 M/F
GE90MF8	8MM GALV ELBOW 90 M/F
GE90MF10	10MM GALV ELBOW 90 M/F
GE90MF15	15MM GALV ELBOW 90 M/F
GE90MF20	20MM GALV ELBOW 90 M/F
GE90MF25	25MM GALV ELBOW 90 M/F
GE90MF32	32MM GALV ELBOW 90 M/F
GE90MF40	40MM GALV ELBOW 90 M/F
GE90MF50	50MM GALV ELBOW 90 M/F
GE90MF65	65MM GALV ELBOW 90 M/F
GE90MF80	80MM GALV ELBOW M/F
GE90MF100	100MM GALV ELBOW 90 M/F



**MAC UNION'S**

GMU8BS	8MM BRASS SEAT UNION
GMU10BS	10MM BRASS SEAT UNION
GMU15	15MM GALV MAC UNION
GMU20	20MM GALV MAC UNION
GMU25	25MM GALV MAC UNION
GMU32	32MM GALV MAC UNION
GMU40	40MM GALV MAC UNION
GMU50	50MM GALV MAC UNION
GMU65BS	65MM BRASS SEAT UNION
GMU80BS	80MM BRASS SEAT UNION
GMU100BS	100MM BRASS SEAT UNION



**REDUCING HEX NIPPLE**

GRHN1508	15 X 8MM GALV REDUCING HEX NIPPLE
GRHN1510	15 X 10MM GALV REDUCING HEX NIPPLE
GRHN2008	20 X 8MM GALV REDUCING HEX NIPPLE
GRHN2010	20 X 10MM GALV REDUCING HEX NIPPLE
GRHN2015	20 X 15MM GALV REDUCING HEX NIPPLE
GRHN2515	25 X 15MM GALV REDUCING HEX NIPPLE
GRHN2520	25 X 20MM GALV REDUCING HEX NIPPLE
GRHN3215	32 X 15MM GALV REDUCING HEX NIPPLE
GRHN3220	32 X 20MM GALV REDUCING HEX NIPPLE
GRHN3225	32 X 25MM GALV REDUCING HEX NIPPLE
GRHN4020	40 X 20MM GALV REDUCING HEX NIPPLE
GRHN4025	40 X 25MM GALV REDUCING HEX NIPPLE
GRHN4032	40 X 32MM GALV REDUCING HEX NIPPLE
GRHN5025	50 X 25MM GALV REDUCING HEX NIPPLE
GRHN5032	50 X 32MM GALV REDUCING HEX NIPPLE
GRHN5040	50 X 40MM GALV REDUCING HEX NIPPLE
GRHN6540	65 X 40MM GALV REDUCING HEX NIPPLE
GRHN6550	65 X 50MM GALV REDUCING HEX NIPPLE
GRHN8050	80 X 50MM GALV REDUCING HEX NIPPLE
GRHN8065	80 X 65MM GALV REDUCING HEX NIPPLE
GRHN10050	100MM X 50MM GALV REDUCING HEX NIPPLE
GRHN10080	100MM X 80MM GALV REDUCING HEX NIPPLE



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CODE DESCRIPTION

**CAPS**

GC010	10MM GALV CAP
GC015	15MM GALV CAP
GC020	20MM GALV CAP
GC025	25MM GALV CAP
GC032	32MM GALV CAP
GC040	40MM GALV CAP
GC050	50MM GALV CAP
GC065	65MM GALV CAP
GC080	80MM GALV CAP
GC100	100MM GALV CAP
GC150	150MM GALV CAP



**REDUCING SOCKETS**

GRS1008	10 X 8MM GALV REDUCING SOCKET
GRS1508	15 X 8MM GALV REDUCING SOCKET
GRS1510	15 X 10MM GALV REDUCING SOCKET
GRS2008	20MM X 8MM GALV REDUCING SOCKET
GRS2010	20 X 10MM GALV REDUCING SOCKET
GRS2015	20 X 15MM GALV REDUCING SOCKET
GRS2508	25 X 8MM GALV REDUCING SOCKET
GRS2510	25 X 10MM GALV REDUCING SOCKET
GRS2515	25 X 15MM GALV REDUCING SOCKET
GRS2520	25 X 20MM GALV REDUCING SOCKET
GRS3215	32 X 15MM GALV REDUCING SOCKET
GRS3220	32 X 20MM GALV REDUCING SOCKET
GRS3225	32 X 25MM GALV REDUCING SOCKET
GRS4015	40 X 15MM GALV REDUCING SOCKET
GRS4020	40 X 20MM GALV REDUCING SOCKET
GRS4025	40 X 25MM GALV REDUCING SOCKET
GRS4032	40 X 32MM GALV REDUCING SOCKET
GRS5020	50 X 20MM GALV REDUCING SOCKET
GRS5025	50 X 25MM GALV REDUCING SOCKET
GRS5032	50 X 32MM GALV REDUCING SOCKET
GRS5040	50 X 40MM GALV REDUCING SOCKET
GRS6525	65 X 25MM GALV REDUCING SOCKET
GRS6532	65 X 32MM GALV REDUCING SOCKET
GRS6540	65 X 40MM GALV REDUCING SOCKET
GRS6550	65 X 50MM GALV REDUCING SOCKET
GRS8032	80 X 32 GALV REDUCING SOCKET
GRS8040	80 X 40MM GALV REDUCING SOCKET
GRS8050	80 X 50MM GALV REDUCING SOCKET
GRS8065	80 X 65MM GALV REDUCING SOCKET
GRS10050	100 X 50MM GALV REDUCING SOCKET
GRS10065	100 X 65MM GALV REDUCING SOCKET
GRS10080	100MM X 80MM GALV RED SOCKET
GRS150100	150MM X 100MM GALV REDUCING SOCKET



CODE DESCRIPTION

**PLUG'S**

GP06	6MM GALV PLUG
GP08	8MM GALV PLUG
GP10	10MM GALV PLUG
GP15	15MM GALV PLUG
GP20	20MM GALV PLUG
GP25	25MM GALV PLUG
GP32	32MM GALV PLUG
GP40	40MM GALV PLUG
GP50	50MM GALV PLUG
GP65	65MM GALV PLUG
GP80	80MM GALV PLUG
GP100	100MM GALV PLUG



**90 DEG MALE/FEMALE BENDS**

GB08MF	8MM GALV BEND M/F
GB10MF	10MM GALV BEND M/F
GB15MF	15MM GALV BEND M/F
GB20MF	20MM GALV BEND M/F
GB25MF	25MM GALV BEND M/F
GB32MF	32MM GALV BEND M/F
GB40MF	40MM GALV BEND M/F
GB50MF	50MM GALV BEND M/F
GB65MF	65MM GALV BEND M/F
GB80MF	80MM GALV BEND M/F
GB100MF	100MM GALV BEND M/F



**90 DEG FEMALE BENDS**

GB10F	10MM GALV BEND FEMALE
GB15F	15MM GALV BEND FEMALE
GB20F	20MM GALV BEND FEMALE
GB25F	25MM GALV BEND FEMALE
GB32F	32MM GALV BEND FEMALE
GB40F	40MM GALV BEND FEMALE
GB50F	50MM GALV BEND FEMALE
GB65F	65MM GALV BEND FEMALE
GB80F	80MM GALV BEND FEMALE
GB100F	100MM GALV FEMALE BEND



**90 DEG MALE BENDS**

GB10M	10MM GALV BEND MALE
GB15M	15MM GALV BEND MALE
GB20M	20MM GALV BEND MALE



CODE DESCRIPTION

**BACKNUTS**

GBNU010 10MM GALV BACKNUT  
 GBNU015 15MM GALV BACKNUT  
 GBNU020 20MM GALV BACKNUT  
 GBNU025 25MM GALV BACKNUT  
 GBNU032 32MM GALV BACKNUT  
 GBNU040 40MM GALV BACKNUT  
 GBNU050 50MM GALV BACKNUT  
 GBNU065 65MM GALV BACK NUT  
 GBNU080 80MM GALV BACKNUT  
 GBNU100 100MM GALV BACK NUT



**FLANGE'S**

GF15 15MM GALV FLANGE  
 GF20 20MM GALV FLANGE  
 GF25 25MM GALV FLANGE  
 GF32 32MM GALV FLANGE  
 GF40 40MM GALV FLANGE  
 GF50 50MM GALV FLANGE  
 GF65 65MM GALV FLANGE  
 GF80 80MM GALV ROUND FLANGE  
 GF100 100MM GALV FLANGE ROUND



**CROSSES**

GCR10 10MM GALV CROSS  
 GCR15 15MM GALV CROSS  
 GCR20 20MM GALV CROSS  
 GCR25 25MM GALV CROSS  
 GCR32 32MM GALV CROSS  
 GCR40 40MM GALV CROSS  
 GCR50 50MM GALV CROSS  
 GCR65 65MM GALV CROSS



**90 DEG WROUGHT BEND (INCLUDES WROUGHT SOCKET)**

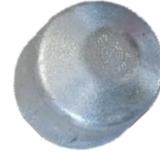
GWB06 6MM GALV WROUGHT BEND  
 GWB08 8MM GALV WROUGHT BEND  
 GWB10 10MM GALV WROUGHT BEND  
 GWB15 15MM GALV WROUGHT BEND  
 GWB20 20MM GALV WROUGHT BEND  
 GWB25 25MM GALV WROUGHT BEND  
 GWB32 32MM GALV WROUGHT BEND  
 GWB40 40MM GALV WROUGHT BEND  
 GWB50 50MM GALV WROUGHT BEND  
 GWB65 65MM GALV WROUGHT BEND  
 GWB80 80MM GALV WROUGHT BEND  
 GWB100 100MM GALV WROUGHT BEND



CODE DESCRIPTION

**CAP - PUSH-ON**

GCP20	20MM GALV CAP- PUSH ON
GCP25	25MM GALV CAP- PUSH ON
GCP32	32MM GALV CAP - PUSH ON
GCP40	40MM GALV CAP - PUSH ON
GCP50	50MM GALV CAP - PUSH ON



**45 DEG MALE/FEMALE BEND**

GB45MF15	15MM GALV BEND 45' M/F
GB45MF20	20MM GALV BEND 45' M/F
GB45MF25	25MM GALV BEND 45' M/F
GB45MF32	32MM GALV BEND 45' M/F
GB45MF40	40MM GALV BEND 45' M/F
GB45MF50	50MM GALV BEND 45' M/F



**45 DEG FEMALE ELBOW**

GE45F8	8MM GALV ELBOW F 45 FEMALE
GE45F15	15MM GALV ELBOW 45 FEMALE
GE45F20	20MM GALV ELBOW 45 FEMALE
GE45F25	25MM GALV ELBOW 45 FEMALE
GE45F32	32MM GALV ELBOW 45 FEMALE
GE45F40	40MM GALV ELBOW 45 FEMALE
GE45F50	50MM GALV ELBOW 45 FEMALE
GE45F65	65MM GALV ELBOW 45 FEMALE
GE45F80	80MM GALV ELBOW 45 FEMALE
GE45F100	100MM GALV ELBOW 45 FEMALE



**45 DEG MALE/FEMALE ELBOW**

GE45MF08	08MM GALV ELBOW 45 M/F
GE45MF10	10MM GALV ELBOW 45 M/F
GE45MF15	15MM GALV ELBOW 45 M/F
GE45MF20	20MM GALV ELBOW 45 M/F
GE45MF25	25MM GALV ELBOW 45 M/F
GE45MF32	32MM GALV ELBOW 45 M/F
GE45MF40	40MM GALV ELBOW 45 M/F
GE45MF50	50MM GALV ELBOW 45 M/F



**WROUGHT SOCKET**

GWS006	6MM GALV WROUGHT SOCKET
GWS008	8MM GALV WROUGHT SOCKET
GWS010	10MM GALV WROUGHT SOCKET
GWS015	15MM GALV WROUGHT SOCKET
GWS020	20MM GALV WROUGHT SOCKET
GWS025	25MM GALV WROUGHT SOCKET
GWS032	32MM GALV WROUGHT SOCKET
GWS040	40MM GALV WROUGHT SOCKET
GWS050	50MM GALV WROUGHT SOCKET
GWS065	65MM GALV WROUGHT SOCKET
GWS080	80MM GALV WROUGHT SOCKET
GWS100	100MM GALV WROUGHT SOCKET
GWS150	150MM GALV WROUGHT SOCKET



CODE DESCRIPTION

**LONG SCREW COMPLETE**

GLS15C	15MM GALV LONG SCREW COMPLETE
GLS20C	20MM GALV LONG SCREW COMPLETE
GLS25C	25MM GALV LONG SCREW COMPLETE
GLS32C	32MM GALV LONG SCREW COMPLETE
GLS40C	40MM GALV LONG SCREW COMPLETE
GLS50C	50MM GALV LONG SCREW COMPLETE
GLS65C	65MM GALV LONG SCREW COMPLETE
GLS80C	80MM GALV LONG SCREW COMPLETE
GLS100C	100MM GALV LONG SCREW COMPLETE



**RIKEN COUPLER**

GRLC015	15MM RIKEN COUPLING C/W LOCKING RINGS
GRLC020	20MM RIKEN COUPLING C/W LOCKING RINGS
GRLC025	25MM RIKEN COUPLING C/W LOCKING RINGS
GRLC032	32MM RIKEN COUPLING C/W LOCKING RINGS
GRLC040	40MM RIKEN COUPLING C/W LOCKING RINGS
GRLC050	50MM RIKEN COUPLING C/W LOCKING RINGS



**RIKEN MALE COUPLER**

GRMC015	15MM MALL. GALV. RIKEN MALE COUPLER
GRMC020	20MM MALL. GALV. RIKEN MALE COUPLER
GRMC025	25MM MALL. GALV. RIKEN MALE COUPLER
GRMC032	32MM MALL. GALV. RIKEN MALE COUPLER
GRMC040	40MM MALL. GALV. RIKEN MALE COUPLER
GRMC050	50MM MALL. GALV. RIKEN MALE COUPLER



**GALVANISED BARRELL NIPPLE FITTINGS & WROUGHT PIECE**

CODE DESCRIPTION

**THREAD SIZE 6MM**

GBN0620	6MM GALV BARREL NIPPLE X 20MM
GBN0630	6MM GALV BARREL NIPPLE X 30MM
GBN0640	6MM GALV BARREL NIPPLE X 40MM
GBN0650	6MM GALV BARREL NIPPLE X 50MM
GBN0660	6MM GALV BARREL NIPPLE X 60MM
GBN0670	6MM GALV BARREL NIPPLE X 70MM
GBN0680	6MM GALV BARREL NIPPLE X 80MM
GBN0690	6MM GALV BARREL NIPPLE X 90MM
GWP06100	6MM GALV WROUGHT PIECE X 100MM
GWP06150	6MM GALV WROUGHT PIECE X 150MM



CODE	DESCRIPTION
	<b>THREAD SIZE 8MM</b>
GBN0825	8MM GALV BARREL NIPPLE X 25MM
GBN0830	8MM GALV BARREL NIPPLE X 30MM
GBN0840	8MM GALV BARREL NIPPLE X 40MM
GBN0850	8MM GALV BARREL NIPPLE X 50MM
GBN0860	8MM GALV BARREL NIPPLE X 60MM
GBN0870	8MM GALV BARREL NIPPLE X 70MM
GBN0880	8MM GALV BARREL NIPPLE X 80MM
GBN0890	8MM GALV BARREL NIPPLE X 90MM
GWP08100	8MM GALV WROUGHT PIECE X 100MM
GWP08150	8MM GALV WROUGHT PIECE X 150MM



	<b>THREAD SIZE 10MM</b>
GBN1025	10MM GALV BARREL NIPPLE X 25MM
GBN1030	10MM GALV BARREL NIPPLE X 30MM
GBN1040	10MM GALV BARREL NIPPLE X 40MM
GBN1050	10MM GALV BARREL NIPPLE X 50MM
GBN1060	10MM GALV BARREL NIPPLE X 60MM
GBN1070	10MM GALV BARREL NIPPLE X 70MM
GBN1080	10MM GALV BARREL NIPPLE X 80MM
GBN1090	10MM GALV BARREL NIPPLE X 90MM
GWP10100	10MM GALV WROUGHT PIECE X 100MM
GWP10150	10MM GALV WROUGHT PIECE X 150MM



	<b>THREAD SIZE 15MM</b>
GBN1530	15MM GALV BARREL NIPPLE X 30MM
GBN1540	15MM GALV BARREL NIPPLE X 40MM
GBN1550	15MM GALV BARREL NIPPLE X 50MM
GBN1560	15MM GALV BARREL NIPPLE X 60MM
GBN1570	15MM GALV BARREL NIPPLE X 70MM
GBN1580	15MM GALV BARREL NIPPLE X 80MM
GBN1590	15MM GALV BARREL NIPPLE X 90MM
GWP15100	15MM GALV WROUGHT PIECE X 100MM
GWP15150	15MM GALV WROUGHT PIECE X 150MM
GWP15200	15MM GALV WROUGHT PIECE X 200MM
GWP15250	15MM GALV WROUGHT PIECE X 250MM
GWP15300	15MM GALV WROUGHT PIECE X 300MM
GWP15400	15MM GALV WROUGHT PIECE X 400MM
GWP15500	15MM GALV WROUGHT PIECE X 500MM
GWP15600	15MM GALV WROUGHT PIECE X 600MM



CODE	DESCRIPTION
<b>THREAD SIZE 20MM</b>	
GBN2035	20MM GALV BARREL NIPPLE X 35MM
GBN2040	20MM GALV BARREL NIPPLE X 40MM
GBN2050	20MM GALV BARREL NIPPLE X 50MM
GBN2060	20MM GALV BARREL NIPPLE X 60MM
GBN2070	20MM GALV BARREL NIPPLE X 70MM
GBN2080	20MM GALV BARREL NIPPLE X 80MM
GBN2090	20MM GALV BARREL NIPPLE X 90MM
GWP20100	20MM GALV WROUGHT PIECE X 100MM
GWP20150	20MM GALV WROUGHT PIECE X 150MM
GWP20160	20MM GALV WROUGHT PIECE X 160MM
GWP20200	20MM GALV WROUGHT PIECE X 200MM
GWP20250	20MM GALV WROUGHT PIECE X 250MM
GWP20300	20MM GALV WROUGHT PIECE X 300MM
GWP20350	20MM GALV WROUGHT PIECE X 350MM
GWP20400	20MM GALV WROUGHT PIECE X 400MM
GWP20450	20MM GALV WROUGHT PIECE X 450MM
GWP20500	20MM GALV WROUGHT PIECE X 500MM
GWP20600	20MM GALV WROUGHT PIECE X 600MM



<b>THREAD SIZE 25MM</b>	
GBN2545	25MM GALV BARREL NIPPLE X 45MM
GBN2550	25MM GALV BARREL NIPPLE X 50MM
GBN2560	25MM GALV BARREL NIPPLE X 60MM
GBN2570	25MM GALV BARREL NIPPLE X 70MM
GBN2580	25MM GALV BARREL NIPPLE X 80MM
GBN2590	25MM GALV BARREL NIPPLE X 90MM
GWP25100	25MM GALV WROUGHT PIECE X 100MM
GWP25150	25MM GALV WROUGHT PIECE X 150MM
GWP25200	25MM GALV WROUGHT PIECE X 200MM
GWP25250	25MM GALV WROUGHT PIECE X 250MM
GWP25300	25MM GALV WROUGHT PIECE X 300MM
GWP25350	25MM GALV WROUGHT PIECE X 350MM
GWP25400	25MM GALV WROUGHT PIECE X 400MM
GWP25450	25MM GALV WROUGHT PIECE X 450MM
GWP25500	25MM GALV WROUGHT PIECE X 500MM
GWP25600	25MM GALV WROUGHT PIECE X 600MM



CODE	DESCRIPTION
<b>THREAD SIZE 32MM</b>	
GBN3250	32MM GALV BARREL NIPPLE X 50MM
GBN3260	32MM GALV BARREL NIPPLE X 60MM
GBN3270	32MM GALV BARREL NIPPLE X 70MM
GBN3280	32MM GALV BARREL NIPPLE X 80MM
GBN3290	32MM GALV BARREL NIPPLE X 90MM
GWP32100	32MM GALV WROUGHT PIECE X 100MM
GWP32150	32MM GALV WROUGHT PIECE X 150MM
GWP32200	32MM GALV WROUGHT PIECE X 200MM
GWP32250	32MM GALV WROUGHT PIECE X 250MM
GWP32300	32MM GALV WROUGHT PIECE X 300MM
GWP32350	32MM GALV WROUGHT PIECE X 350MM
GWP32400	32MM GALV WROUGHT PIECE X 400MM
GWP32450	32MM GALV WROUGHT PIECE X 450MM
GWP32500	32MM GALV WROUGHT PIECE X 500MM
GWP32600	32MM GALV WROUGHT PIECE X 600MM



<b>THREAD SIZE 40MM</b>	
GBN4050	40MM GALV BARREL NIPPLE X 50MM
GBN4060	40MM GALV BARREL NIPPLE X 60MM
GBN4070	40MM GALV BARREL NIPPLE X 70MM
GBN4080	40MM GALV BARREL NIPPLE X 80MM
GBN4090	40MM GALV BARREL NIPPLE X 90MM
GWP40100	40MM GALV WROUGHT PIECE X 100MM
GWP40150	40MM GALV WROUGHT PIECE X 150MM
GWP40200	40MM GALV WROUGHT PIECE X 200MM
GWP40250	40MM GALV WROUGHT PIECE X 250MM
GWP40300	40MM GALV WROUGHT PIECE X 300MM
GWP40350	40MM GALV WROUGHT PIECE X 350MM
GWP40400	40MM GALV WROUGHT PIECE X 400MM
GWP40450	40MM GALV WROUGHT PIECE X 450MM
GWP40500	40MM GALV WROUGHT PIECE X 500MM
GWP40600	40MM GALV WROUGHT PIECE X 600MM



CODE DESCRIPTION

**THREAD SIZE 50MM**

GBN5050 50MM GALV BARREL NIPPLE X 50MM  
 GBN5060 50MM GALV BARREL NIPPLE X 60MM  
 GBN5070 50MM GALV BARREL NIPPLE X 70MM  
 GBN5080 50MM GALV BARREL NIPPLE X 80MM  
 GBN5090 50MM GALV BARREL NIPPLE X 90MM



GWP50100 50MM GALV WROUGHT PIECE X 100MM  
 GWP50150 50MM GALV WROUGHT PIECE X 150MM  
 GWP50200 50MM GALV WROUGHT PIECE X 200MM  
 GWP50250 50MM GALV WROUGHT PIECE X 250MM  
 GWP50300 50MM GALV WROUGHT PIECE X 300MM  
 GWP50350 50MM GALV WROUGHT PIECE X 350MM  
 GWP50400 50MM GALV WROUGHT PIECE X 400MM  
 GWP50450 50MM GALV WROUGHT PIECE X 450MM  
 GWP50500 50MM GALV WROUGHT PIECE X 500MM  
 GWP50600 50MM GALV WROUGHT PIECE X 600MM

**THREAD SIZE 65MM**

GBN6570 65MM GALV BARREL NIPPLE X 70MM  
 GBN6580 65MM GALV BARREL NIPPLE X 80MM  
 GBN6590 65MM GALV BARREL NIPPLE X 90MM



GWP65100 65MM GALV WROUGHT PIECE X 100MM  
 GWP65150 65MM GALV WROUGHT PIECE X 150MM  
 GWP65200 65MM GALV WROUGHT PIECE X 200MM  
 GWP65250 65MM GALV WROUGHT PIECE X 250MM  
 GWP65300 65MM GALV WROUGHT PIECE X 300MM  
 GWP65500 65MM GALV WROUGHT PIECE X 500MM  
 GWP65600 65MM GALV WROUGHT PIECE X 600MM

**THREAD SIZE 80MM**

GBN8080 80MM GALV BARREL NIPPLE X 80MM  
 GBN8090 80MM GALV BARREL NIPPLE X 90MM



GWP80100 80MM GALV WROUGHT PIECE X 100MM  
 GWP80150 80MM GALV WROUGHT PIECE X 150MM  
 GWP80200 80MM GALV WROUGHT PIECE X 200MM  
 GWP80250 80MM GALV WROUGHT PIECE X 250MM  
 GWP80300 80MM GALV WROUGHT PIECE X 300MM

**THREAD SIZE 100MM**

GBN10080 100MM GALV BARREL NIPPLE X 80MM  
 GBN10090 100MM GALV BARREL NIPPLE X 90MM



GWP100100 100MM GALV WROUGHT PIECE X 100MM  
 GWP100150 100MM GALV WROUGHT PIECE X 150MM  
 GWP100200 100MM GALV WROUGHT PIECE X 200MM  
 GWP100250 100MM GALV WROUGHT PIECE X 250MM  
 GWP100300 100MM GALV WROUGHT PIECE X 300MM

**ITAP BALL VALVES - STANDARD BSP THREAD**

Minimum and maximum water temp 0°C, 150°C

CODE	DESCRIPTION	PSI (max)
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**SHORT THREAD, LEVER HANDLE-FLAT, FEMALE/FEMALE**

216008	08mm Itap Ball Valve Lever Handle F/F	710
216010	10mm Itap Ball Valve Lever Handle F/F	710
216015	15mm Itap Ball Valve Lever Handle F/F	430
216020	20mm Itap Ball Valve Lever Handle F/F	430
216025	25mm Itap Ball Valve Lever Handle F/F	430
216032	32mm Itap Ball Valve Lever Handle F/F	360
216040	40mm Itap Ball Valve Lever Handle F/F	360
216050	50mm Itap Ball Valve Lever Handle F/F	360
216065	65mm Itap Ball Valve Lever Handle F/F	260
216080	80mm Itap Ball Valve Lever Handle F/F	230
216100	100mm Itap Ball Valve Lever Handle F/F	200



**SHORT THREAD, LEVER HANDLE FLAT, MALE/FEMALE**

217008	08mm Itap Ball Valve Lever Handle M/F	710
217010	10mm Itap Ball Valve Lever Handle M/F	710
217015	15mm Itap Ball Valve Lever Handle M/F	430
217020	20mm Itap Ball Valve Lever Handle M/F	430
217025	25mm Itap Ball Valve Lever Handle M/F	430
217032	32mm Itap Ball Valve Lever Handle M/F	360
217040	40mm Itap Ball Valve Lever Handle M/F	430
217050	50mm Itap Ball Valve Lever Handle M/F	360



**SHORT THREAD, T-HANDLE, FEMALE/FEMALE**

118008	08mm Itap Ball Valve Tee Handle F/F	710
118010	10mm Itap Ball Valve Tee Handle F/F	710
118015	15mm Itap Ball Valve Tee Handle F/F	430
118020	20mm Itap Ball Valve Tee Handle F/F	430
118025	25mm Itap Ball Valve Tee Handle F/F	430



**SHORT THREAD, T-HANDLE, MALE/FEMALE**

119008	08mm Itap Ball Valve Tee Handle M/F	710
119010	10mm Itap Ball Valve Tee Handle M/F	710
119015	15mm Itap Ball Valve Tee Handle M/F	430
119020	20mm Itap Ball Valve Tee Handle M/F	430
119025	25mm Itap Ball Valve Tee Handle M/F	430



**GAS SHORT THREAD, T-HANDLE, FEMALE/FEMALE**

068020	20mm Itap Gas Ball Valve Tee Handle	72.5
068025	25mm Itap Gas Ball Valve Tee Handle	72.5



**ITAP BALL VALVES**

Minimum and maximum water temp 0°C, 150°C

CODE	DESCRIPTION	PSI (max)
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**UNION BALL VALVES**

098015	15mm Ball Valve with Union	725
098020	20mm Ball Valve with Union	580
098025	25mm Ball Valve with Union	580



**RIGHT ANGLE BALL VALVES**

298015	15mm Right Angle Ball Valve with Union	725
298020	20mm Right Angle Ball Valve with Union	580
298025	25mm Right Angle Ball Valve with Union	580



**SHORT THREAD, T-HANDLE, MALE/MALE**

Body in nickel-plated brass & Lever handle in Aluminium.  
 Minimum and maximum working temperatures: -10°C, 95°C in absence of steam.

099015T	15mm Itap Ball Valve Tee Handle	580
099020T	20mm Itap Ball Valve Tee Handle	580



**SHORT THREAD, LEVER HANDLE FLAT, MALE/MALE**

Body in nickel-plated brass & Lever handle in Aluminium.  
 Minimum and maximum working temperatures: -10°C, 95°C in absence of steam.

099015L	15mm Itap Ball Valve Lever Handle	580
099020L	20mm Itap Ball Valve Lever Handle	580



**LEVER HANDLE, MALE/MALE**

HBV15MT	15mm Ball Valve Tee Handle M/M
HBV20MT	20mm Ball Valve Tee Handle M/M



**LONG THREAD BALL VALVE - STAINLESS STEEL HANDLE**

Full bore PTFE seals  
20 BAR  
Nickel-plated brass ball and body  
Working Temp 0°C to +150°C

CODE	DESCRIPTION
516015	15mm Macflo® Long Thread Ball Valve
516020	20mm Macflo® Long Thread Ball Valve
516025	25mm Macflo® Long Thread Ball Valve
516032	32mm Macflo® Long Thread Ball Valve
516040	40mm Macflo® Long Thread Ball Valve
516050	50mm Macflo® Long Thread Ball Valve



**MACFLO® BALL VALVES**

**MACFLO® BALL VALVE - STAINLESS STEEL HANDLES**

Full bore PTFE seals  
25 BAR  
Nickel-plated brass ball and body

316008	08mm Macflo® Ball Valve
316010	10mm Macflo® Ball Valve
316015	15mm Macflo® Ball Valve
316020	20mm Macflo® Ball Valve
316025	25mm Macflo® Ball Valve
316032	32mm Macflo® Ball Valve
316040	40mm Macflo® Ball Valve
316050	50mm Macflo® Ball Valve
316065	65mm Macflo® Ball Valve
316080	80mm Macflo® Ball Valve
316100	100mm Macflo® Ball Valve



**MACFLO® BALL VALVE - STAINLESS STEEL HANDLE**

317008	08mm Macflo® Ball Valve M/F
317010	10mm Macflo® Ball Valve M/F
317015	15mm Macflo® Ball Valve M/F
317020	20mm Macflo® Ball Valve M/F
317025	25mm Macflo® Ball Valve M/F
317032	32mm Macflo® Ball Valve M/F



**MACFLO® RIGHTANGLE BALL VALVES**

320020	1" x 20mm Macflo® Right Angle Ball Valve
320025	1 1/4" x 25mm Macflo® Right Angle Ball Valve



**MACFLO® BALL VALVE - ALUMINIUM MALE/FEMALE T HANDLE**

CODE	DESCRIPTION
319008	08mm Macflo® T Handle Ball Valve M/F
319010	10mm Macflo® T Handle Ball Valve M/F
319015	15mm Macflo® T Handle Ball Valve M/F
319020	20mm Macflo® T Handle Ball Valve M/F
319025	25mm Macflo® T Handle Ball Valve M/F



**MACFLO® BALL VALVE - ALUMINIUM FEMALE T HANDLE**

318008	08mm Macflo® T Handle Ball Valve F/F
318010	10mm Macflo® T Handle Ball Valve F/F
318015	15mm Macflo® T Handle Ball Valve F/F
318020	20mm Macflo® T Handle Ball Valve F/F
318025	25mm Macflo® T Handle Ball Valve F/F



**MACFLO® STAINLESS STEEL BALL VALVES**

2-piece - 316 s/s

Full Bore

1000 PSI

SBV15	15mm S/Steel 2-Piece Ball Valve
SBV20	20mm S/Steel 2-Piece Ball Valve
SBV25	25mm S/Steel 2-Piece Ball Valve
SBV32	32mm S/Steel 2-Piece Ball Valve
SBV40	40mm S/Steel 2-Piece Ball Valve
SBV50	50mm S/Steel 2-Piece Ball Valve
SBV65	65mm S/Steel 2-Piece Ball Valve



**MACFLO® NYLON BALL VALVE**

Stainless Steel Lever Handle

Nominal Pressure: 1.6MPa

Working Temp -20°C to +120°C

416015	15mm Nylon Ball Valve S/S Lever Handle
416020	20mm Nylon Ball Valve S/S Lever Handle
416025	25mm Nylon Ball Valve S/S Lever Handle
416032	32mm Nylon Ball Valve S/S Lever Handle
416040	40mm Nylon Ball Valve S/S Lever Handle
416050	50mm Nylon Ball Valve S/S Lever Handle



### EUROPA BRASS SPRING CHECK VALVES

Body in brass.

Plate in stainless steel.

Washer in NBR.

Stainless steel spring.

Minimum and maximum working temperatures: -20°C, 100°C.

CODE	DESCRIPTION	PSI (max)
EU10	10mm Europa Check Valve	360
EU15	15mm Europa Check Valve	360
EU20	20mm Europa Check Valve	360
EU25	25mm Europa Check Valve	360
EU32	32mm Europa Check Valve	260
EU40	40mm Europa Check Valve	260
EU50	50mm Europa Check Valve	260
EU65	65mm Europa Check Valve	170
EU80	80mm Europa Check Valve	170
EU100	100mm Europa Check Valve	170



### FOOT VALVE SCREENS

Available with 304 Stainless Steel with Polymer male threaded

FVS10	10mm Foot Valve Screen
FVS15	15mm Foot Valve Screen
FVS20	20mm Foot Valve Screen
FVS25	25mm Foot Valve Screen
FVS32	32mm Foot Valve Screen
FVS40	40mm Foot Valve Screen
FVS50	50mm Foot Valve Screen
FVS65	65mm Foot Valve Screen
FVS80	80mm Foot Valve Screen
FVS100	100mm Foot Valve Screen



Polymer with male thread up to 50mm

FVSP15	15mm Poly Foot Valve Screen
FVSP20	20mm Poly Foot Valve Screen
FVSP25	25mm Poly Foot Valve Screen
FVSP32	32mm Poly Foot Valve Screen
FVSP40	40mm Poly Foot Valve Screen
FVSP50	50mm Poly Foot Valve Screen



### MACFLO® STAINLESS STEEL CHECK VALVES

S/steel 316; BSP thread; temperature range: -40°C to 350°C

Pressure: 1.6-6.4 Mpa / 150-300LB; metal seat

104020	20mm Macflo® S/S Spring Check Valve
104025	25mm Macflo® S/S Spring Check Valve
104032	32mm Macflo® S/S Spring Check Valve
104040	40mm Macflo® S/S Spring Check Valve
104050	50mm Macflo® S/S Spring Check Valve



**HOSE TAPS, VALVES AND TAPS**

CODE DESCRIPTION

**ITAP BALL HOSE TAPS**

Body in nickel-plated brass with Hose connection in nylon.  
 Minimum and maximum working temperatures: -20°C, 80°C.

ITAP15HT	15mm Hose Tail x ½" BSP
ITAP15LHT	15mm Hose Tail x ½" BSP - Lockable
ITAP2015LHT	20mm Hose Tail x ¾" x ½" BSP- Lockable
ITAP20HT	20mm Hose Tail x ¾" BSP
ITAP25HT	25mm Hose Tail x 1" BSP
ITAP15SHT	15mm Hose Tail x ½" BSP W/SPIN NOZZLE

ITAP20HTCON	ITAP HT metal tail for the 15MM hose tap
ITAP25HTCON	ITAP HT metal tail for the 20MM hose tap



**MACFLO NYLON BALL HOSE TAP**

Brass thread, Nylon Body & Handle  
 Stainless Steel hose tail. Nickel plated brass ball

401015	15mm Nylon Ball Hose Tap
401020	20mm Nylon Ball Hose Tap



**BRASS HOSE TAPS**

HT1535	15mm Male Hose Tap
HT2035	20mm Male Hose Tap
HT1535F	15mm Female Hose Tap
HT1535LS	15mm Lockshield Hose Tap
HT1535LSK	15mm Lockshield Hose Tap Key Only



**HOSE TAP WASHERS**

HTW15	15mm Hose Tap Washer
HTW20	20mm Hose Tap Washer



**HOSE TAP JUMPER VALVES**

HTJV15	15mm Hose Tap Jumper Valve
HTJV20	20mm Hose Tap Jumper Valve



#### PHILMAC CHECK VALVES

BSP female tread, Glass-filled nylon body, 200 PSI  
316 stainless steel spring, Nitrile rubber seat

CODE	DESCRIPTION
PCV20	20mm Philmac Check Valve
PCV25	25mm Philmac Check Valve
PCV32	32mm Philmac Check Valve
PCV40	40mm Philmac Check Valve
PCV50	50mm Philmac Check Valve



#### ANKA SPRING CHECK VALVES

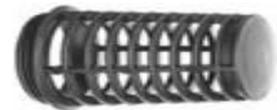
Acetal plunger assembly  
Nitrile 70 rubber seat  
Stainless steel spring  
Glass reinforced nylon body

ACV15	15mm Anka Check Valve
ACV20	20mm Anka Check Valve
ACV25	25mm Anka Check Valve
ACV32	32mm Anka Check Valve
ACV40	40mm Anka Check Valve
ACV50	50mm Anka Check Valve



#### FOOT VALVE SCREENS

AFVS20	20mm Foot Valve Screen
AFVS25	25mm Foot Valve Screen
AFVS32	32mm Foot Valve Screen
AFVS40	40mm Foot Valve Screen
AFVS50	50mm Foot Valve Screen



#### MACFLO® PVC DOUBLE UNION CHECK VALVES

Min opening pressure 20mm - 40mm = 0.10 BAR 50mm = .008 BAR  
Max Working Pressure = 16 BAR

MDCV020	20mm Macflo® PVC Double Union Check Valve
MDCV025	25mm Macflo® PVC Double Union Check Valve
MDCV032	32mm Macflo® PVC Double Union Check Valve
MDCV040	40mm Macflo® PVC Double Union Check Valve
MDCV050	50mm Macflo® PVC Double Union Check Valve



#### ALSO AVAILABLE FOR THE PVC DOUBLE UNION BALL VALVE

MDCV020SE	20MM PVC CHECK VALVE SOLVENT WELD END ONLY
MDCV025SE	25MM PVC CHECK VALVE SOLVENT WELD END ONLY
MDCV032SE	32MM PVC CHECK VALVE SOLVENT WELD END ONLY
MDCV040SE	40MM PVC CHECK VALVE SOLVENT WELD END ONLY
MDCV050SE	50MM PVC CHECK VALVE SOLVENT WELD END ONLY



**PRESSURE REDUCING VALVES**

CODE                      DESCRIPTION

**PRESSURE REDUCING VALVES**

Suitable for domestic water services, heating and air-conditioning plants, compressed air systems  
 Can be installed in any position: vertical, horizontal, oblique.  
 Maximum working temperature: 80°C  
 Maximum inlet pressure: 15 bar  
 Outlet pressure: can be adjusted between 1 and 4 bar.

ITAP15P                  15mm Pressure Reducing Valve  
 ITAP20P                  20mm Pressure Reducing Valve



**PRESSURE REDUCING VALVES**

Suitable for domestic water services, heating and air-conditioning plants, compressed air systems  
 Can be installed in any position: vertical, horizontal, oblique.  
 Maximum working temperature: 130°C  
 Maximum inlet pressure: 25 bar  
 Outlet pressure: can be adjusted between 0.5 and 6 bar.  
 Outlet pressure gauge connections 1/4" on both sides  
 Factory preset @ 3 bar outlet pressure

ITAP25P                  25mm Pressure Reducing Valve  
 ITAP32P                  32mm Pressure Reducing Valve  
 ITAP40P                  40mm Pressure Reducing Valve  
 ITAP50P                  50mm Pressure Reducing Valve



**ITAP AUTOMATIC AIR VENT VALVE**

Body in nickel-plated brass & Float in polyethilenic resin.  
 Maximum working temperature: 110°C.  
 Maximum discharge pressure: 6 bar.

ITAP10AV                10mm Air Vent Valve  
 ITAP15AV                15mm Air Vent Valve



**AIR BLEED VALVE**

Body in chrome-plated brass & Handle in acetalic resin.  
 Maximum working temperature: 90°C

ITAP6AB                 6mm Air Bleed Valve  
 ITAP8AB                 8mm Air Bleed Valve



## BRASS GATE VALVES

Cast handle 200lbs PSI  
Heavy duty brass  
FEMALE/FEMALE

CODE	DESCRIPTION
GVS15	15mm Brass Gate Valve
GVS20	20mm Brass Gate Valve
GVS25	25mm Brass Gate Valve
GVS32	32mm Brass Gate Valve
GVS40	40mm Brass Gate Valve
GVS50	50mm Brass Gate Valve
GVS65	65mm Brass Gate Valve
GVS80	80mm Brass Gate Valve
GVS100	100mm Brass Gate Valve



MALE/FEMALE  
Cast handle 200lbs PSI  
Heavy duty brass

GV15MF	15mm Brass Gate Valve M/F
GV20MF	20mm Brass Gate Valve M/F



MALE/MALE  
Cast handle 200lbs PSI  
Heavy duty brass

GV15M	15mm Brass Gate Valve M/M
GV20M	20mm Brass Gate Valve M/M



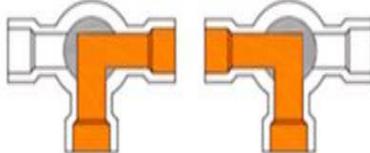
## THREE-WAY BALL VALVE (L-Port & T-Port)

Body in nickel-plated brass.  
Minimum and maximum working temperatures: -10°C, 120°C in absence of steam.

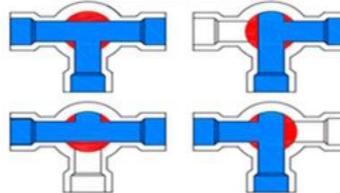
CODE	DESCRIPTION	PSI
BBV153L	15mm 3-Way L-Port Ball Valve	430
BBV203L	20mm 3-Way L-Port Ball Valve	430
BBV253L	25mm 3-Way L-Port Ball Valve	230
BBV323L	32mm 3-Way L-Port Ball Valve	140
BBV403L	40mm 3-Way L-Port Ball Valve	140
BBV503L	50mm 3-Way L-Port Ball Valve	140
BBV153T	15mm 3-Way T-Port Ball Valve	430
BBV203T	20mm 3-Way T-Port Ball Valve	430
BBV253T	25mm 3-Way T-Port Ball Valve	230
BBV323T	32mm 3-Way T-Port Ball Valve	140
BBV403T	40mm 3-Way T-Port Ball Valve	140
BBV503T	50mm 3-Way T-Port Ball Valve	140



Different Position of 'L' Port



Different Position of 'T' Port



**CHECK VALVES, BALL VALVES AND RELEASE VALVES**

CODE DESCRIPTION

**KITZ BRONZE SWING CHECK VALVES**

KITZ15SWC	15mm Kitz Swing Check Valve
KITZ20SWC	20mm Kitz Swing Check Valve
KITZ25SWC	25mm Kitz Swing Check Valve
KITZ32SWC	32mm Kitz Swing Check Valve
KITZ40SWC	40mm Kitz Swing Check Valve
KITZ50SWC	50mm Kitz Swing Check Valve
KITZ65SWC	65mm Kitz Swing Check Valve
KITZ80SWC	80mm Kitz Swing Check Valve



**BRASS SWING CHECK VALVES (HEAVY DUTY)**

BCVH015	15mm Brass Swing Check Valve
BCVH020	20mm Brass Swing Check Valve
BCVH025	25mm Brass Swing Check Valve
BCVH032	32mm Brass Swing Check Valve
BCVH040	40mm Brass Swing Check Valve
BCVH050	50mm Brass Swing Check Valve
BCVH065	65mm Brass Swing Check Valve
BCVH080	80mm Brass Swing Check Valve
BCVH100	100mm Brass Swing Check Valve



**MACFLO® STAINLESS STEEL CHECK VALVES**

S/steel 316; BSP thread; temperature range: -40°C to 350°C  
 Pressure: 1.6-6.4 Mpa / 150-300LB; metal seat

204020	20mm Macflo® S/S Swing Check Valve
204025	25mm Macflo® S/S Swing Check Valve
204032	32mm Macflo® S/S Swing Check Valve
204040	40mm Macflo® S/S Swing Check Valve
204050	50mm Macflo® S/S Swing Check Valve



**MACFLO® CAST IRON BALL CHECK VALVE**

MBCV032	32mm Cast Iron Ball Check Valve
MBCV040	40mm Cast Iron Ball Check Valve
MBCV050	50mm Cast Iron Ball Check Valve
MBCV065	65mm Cast Iron Ball Check Valve
MBCV080	80mm Cast iron ball check valve

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**\*PLEASE NOTE: THESE PRICES ARE SUBJECT TO CONFIRMATION**

### PVC BALL VALVES

CODE DESCRIPTION

#### MACFLO® DOUBLE UNION PVC BALL VALVES

Full bore, 16 bar, EDPM o-rings, BSP threads

Max working temp: 60°C

MDBV015	15mm Macflo® Double Union Ball Valve
MDBV020	20mm Macflo® Double Union Ball Valve
MDBV025	25mm Macflo® Double Union Ball Valve
MDBV032	32mm Macflo® Double Union Ball Valve
MDBV040	40mm Macflo® Double Union Ball Valve
MDBV050	50mm Macflo® Double Union Ball Valve
MDBV065	65mm Macflo® Double Union Ball Valve
MDBV080	80mm Macflo® Double Union Ball Valve
MDBV100	100mm Macflo® Double Union Ball Valve



#### MACFLO® COMPACT BALL VALVES

Max pressure: 10 bar

MCBV015	15mm Macflo® Compact Ball Valve
MCBV020	20mm Macflo® Compact Ball Valve
MCBV025	25mm Macflo® Compact Ball Valve
MCBV032	32mm Macflo® Compact Ball Valve
MCBV040	40mm Macflo® Compact Ball Valve
MCBV050	50mm Macflo® Compact Ball Valve
MCBV065	65mm Macflo® Compact Ball Valve Long Handle
MCBV080	80mm Macflo® Compact Ball Valve Long Handle
MCBV100	10mm Macflo® Compact Ball Valve Long Handle



### PHILMAC BALL VALVES

BSP female thread, Glass-filled nylon body, 200 PSI

Teflon-filled polypropylene seals, Nitrile rubber o-ring

PBV15	15mm Philmac Ball Valve
PBV20	20mm Philmac Ball Valve
PBV25	25mm Philmac Ball Valve
PBV32	32mm Philmac Ball Valve
PBV40	40mm Philmac Ball Valve
PBV50	50mm Philmac Ball Valve



### PHILMAC DUAL ACTION AIR RELEASE VALVE

BSP male thread, durable UV and impact resistant advanced thermoplastics

PHARVD	25mm Philmac Dual Action Air Release Valve
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### ANKA VACUUM BREAK VALVE

Manufactured of glass fibre reinforced nylon body with BSPT threads

AVB25	25mm Vacuum Break Valve
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**MINI BALL VALVES**

CODE	DESCRIPTION
ITAPM6F	6mm Mini Ball Valve F/F
ITAPM8F	8mm Mini Ball Valve F/F
ITAPM10F	10mm Mini Ball Valve F/F
ITAPM15F	15mm Mini Ball Valve F/F
ITAPM20F	20mm Mini Ball Valve F/F
ITAPM6MF	6mm Mini Ball Valve M/F
ITAPM8MF	8mm Mini Ball Valve M/F
ITAPM10MF	10mm Mini Ball Valve M/F
ITAPM15MF	15mm Mini Ball Valve M/F
ITAPM20MF	20mm Mini Ball Valve M/F

**Screwdriver Handle:**

BBVM15MFS	15mm Mini Ball Valve M/F
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**Black handle:**

BBVM15MF	15mm Mini Ball Valve F/F
BBVM20MF	20mm Mini Ball Valve F/F

**Blue handle:**

BBVM15MFB	15mm Mini Ball Valve F/F
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**DISHWASHER TAPS**

BBV15DTMH	15mm Male Dishwasher Tap - Red Handle
BBV15DTMC	15mm Male Dishwasher Tap - Blue Handle
BBV15DTFH	15mm Female Dishwasher Tap - Red Handle
BBV15DTFC	15mm Female Dishwasher Tap - Blue Handle



**DUPLEX WASHING MACHINE TAP**

ITAP15DUP	15mm Duplex Washing Machine Tap
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**ANGLE HOSE TAP**

ITAP15AT	15mm Angle Hose tap
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**THREE WAY TAP**

ITAP15W	15mm Washing Machine Tap
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**8MM DRAIN VALVE**

ITAP8DV	8MM ITAP ADJUSTABLE DRAIN VALVE
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**MACFLO® MICRO ISOLATING VALVE**

Nominal pressure 2 bar - 6 bar

Maximum pressure 8 bar

MIV10	10mm Macflo® Micro Isolating Valve
MIV13	13mm Macflo® Micro Isolating Valve
MIV16	16mm Macflo® Micro Isolating Valve
MIV19	19mm Macflo® Micro Isolating Valve
MIV25	25mm Macflo® Micro Isolating Valve



### CISTERN TAPS

CODE DESCRIPTION

BBV15CTC 15mm Cistern Tap - Ceramic Seat



ITAP15CTA 15mm Cistern Tap Plus x1 400mm Long Flexi Hose



### PLASTIC DRUM TAPS

PT20 20mm Drum Tap



### DAIRY HEATER COCKS

A utility low pressure (60kPa) hot or cold water tap used principally in the New Zealand dairy industry. Made from cast brass.

DC Dairy Heater Cock

- Rugged, hard wearing
- Ability to be locked in the open position
- High volume flow
- Completely non-corrosive
- Instant 'on' 'off' lever operation
- 38mm MBSP inlet



### DAIRY HEATER COCK SPARE PARTS

DCBS Dairy Cock Brass Seat  
DCBW Dairy Cock Brass Washer  
DCK Dairy Cock Knob  
DCL Dairy Cock Lever  
DHTW40 Dairy Cock Tap Washer 40mm  
DCP3 Dairy Cock Pin 3/16"  
DCP4 Dairy Cock Pin 1/4"  
DCS Dairy Cock Spring  
DCSC Dairy Cock Spindle Ass Complete  
DCVP Dairy Cock Valve Plate  
DCN Dairy Cock Nut  
DCFW Dairy Cock Fibre Washer  
DCNW40 Dairy Cock Nylon Washer  
DCPIN Dairy Cock Split Pin

**PVC SLIDE VALVE**

CODE                      DESCRIPTION

**MACFLO® PVC SLIDE VALVE**

Socket ends to fit PVC pipe.  
 Working pressure 0.35Mpa.  
 Storm water pipe

MSV090	Macflo® 90mm PVC Slide Valve <b>90mm Macflo slide valve, fits 90mm stormwater</b>
MSV100	Macflo® 100mm PVC Slide valve <b>100mm Macflo slide valve, fits 100mm ID / 110 OD stormwater</b>
MSV150	Macflo® 150mm PVC Slide Valve <b>150mm Macflo slide valve, fits 150mm ID / 160 OD stormwater</b>



**PVC SLIDE VALVE**

SV175	175mm PVC Slide Valve
SV225	225mm PVC Slide Valve
SV300	300mm PVC Slide Valve



**PHILMAC ULTRA BRASS FULL FLOW - NO FLOATS INCLUDED**

1400 KpA - 200 psi

CODE	DESCRIPTION
PHBBC6910	Philmac Ultra-Phil Brass Float Valve 10mm
PHBBC15	Philmac Ultra-Phil Brass Float Valve 15mm
PHBBC6920	Philmac Ultra-Phil Brass Float Valve 20mm
PHBBC7220	Philmac Ultra-Phil Brass Float Valve 20mm W/Cord
PHBBC6925	Philmac Ultra-Phil Brass Float Valve 25mm
PHBBC7225	Philmac Ultra-Phil Brass Float Valve 25mm W/Cord
PHBBC32	Philmac Ultra-Phil Brass Reservoir Valve 32mm
PHBBC40	Philmac Ultra-Phil Brass Reservoir Valve 40mm
PHBBC50	Philmac Ultra-Phil Brass Reservoir Valve 50mm
<b>Short Arm Float Valve</b>	
PHBBC6920S	Philmac Ultra-Phil Brass Float Valve 20mm
PHBBC6925S	Philmac Ultra-Phil Brass Float Valve 25mm



**PHILMAC VERSA FLOAT VALVE - NO FLOATS INCLUDED**

1200 Kpa - 174 psi

Flow Rate 295L/Per min @ 600kPa

PHPN69	Philmac Versa-Phil 20x25mm Lever 300mm M/F Adapter
PHPN72	Philmac Versa-Phil 20x25mm Lever 300mm M/F Adapter W/Cord
PHPN69S	Philmac Versa-Phil 20x25mm Lever 165mm M/F Adapter
PHPN72S	Philmac Versa-Phil 20x25mm Lever 165mm M/F Adapter W/Cord

Lever Arm 300mm

PHPN6920T	Philmac Versa-Phil Float Valve W/Tail 20mm
PHPN6925T	Philmac Versa-Phil Float Valve W/Tail 25MM

Lever Arm 165mm

PHPN6920TS	Philmac Versa-Phil Float Valve W/Tail 20mm
PHPN6925TS	Philmac Versa-Phil Float Valve W/Tail 25mm



**PHILMAC STOCK TROUGH VALVE**

Full flow, polypropylene body, float included

Maximum pressure 45 psi (690 KpA)

AQ400P	Philmac Stock-Phil Float Valve 20mm
AQ500P	Philmac Stock-Phil Float Valve 20mm
AQ600P	Philmac Stock-Phil Float Valve 20mm
AQ900	Philmac Float & Polytube for AQ600P
AQS20/25	Seals for AQ400P & AQ500P



**PHILMAC COMPACT TROUGH VALVE WITH HIGH DEMAND**

MAX FLOW 847L/Min

WORKING PRESSURE -10 / 1200KPA

PHOPAW	PHILMAC OPTIPHIL ABOVE WATER 20MM - 25MM FLOAT VALVE
PHOPUW	PHILMAC OPTIPHIL UNDER WATER 20MM - 25MM FLOAT VALVE



ABOVE WATER

UNDER WATER

**PHILMAC RANGE OF BALLFLOATS**

PHBF80	Philmac 80mm Black Ballfloat 3/8" Whit.
PHBF80W	Philmac 80mm White Ballfloat (Hot Water)
PHBF100	Philmac 80mm Black Ballfloat 3/8" Whit.
PHBF100W	Philmac 100mm White Ballfloat (Hot Water)
PHBF140	Philmac 140mm Black Ballfloat 5 1/2"
PHBF150	Philmac 150mm Black Ballfloat 5/16" Whit.
PHBF200	Philmac 200mm Black Ballfloat 3/8" whit
PHBF200S	Philmac 200mm Orange Ballfloat 1/2" whit
PHBF225	Philmac 225mm Orange Ballfloat 1/2" Whit.



**BALLCOCKS**

**MACFLO BRASS FULL FLOW - NO FLOATS INCLUDED**

1000 Kpa - 150 psi

CODE	DESCRIPTION
BBC6920	Macflo Brass Float Valve Full Flow 20mm
BBC7220	Macflo Brass Float Valve Full Flow W/Cord 20mm
BBC6925	Macflo Brass Float Valve Full Flow 25mm
BBC7225	Macflo Brass Float Valve Full Flow W/Cord 25mm
BBC6920S	Macflo Brass Float Valve Full Flow 20mm S/Arm
BBC6925S	Macflo Brass Float Valve Full Flow 25mm S/Arm



**BRASS HI LO - STAINLESS STEEL SEAT - NO FLOATS INCLUDED**

22015	Macflo Hi/Lo Brass Float Valve 15mm
22515	Macflo Hi/Lo Brass Float Valve W/Cord 15mm
22020	Macflo Hi/Lo Brass Float Valve 20mm
22520	Macflo Hi/Lo Brass Float Valve W/Cord 20mm



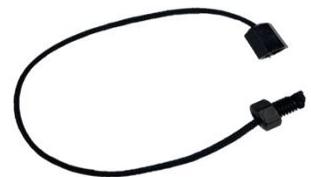
**BALLFLOATS**

BFB115	115mm Black Ballfloat
BFO115	115mm Orange Ballfloat
BFB150	150mm Black Ballfloat
BFO150	150mm Orange Ballfloat
BFC115	115mm Copper Ballfloat MAX TEMP 60°C
BFC150	150mm Copper Ballfloat MAX TEMP 60°C
BFC225	225mm Copper Ballfloat MAX TEMP 60°C
BFC115H	115mm Copper Ballfloat MAX TEMP 95°C
BFC150H	150mm Copper Ballfloat MAX TEMP 95°C
SFB150	316 Stainless Steel 150mm Ballfloat



**FLOAT VALVE SPARE PARTS**

BA69	Full Flow Threaded Arm
BA72	Full Flow Threaded Arm with Cord
BA69S	Full Flow Threaded Arm Short Arm
BA72S	Full Flow Threaded Arm Short Arm C/W Cord
BA220	Hi Lo Threaded Arm
BA225	Hi Lo Threaded Arm with Cord
BA220S	Hi Lo Threaded Short Arm
BA225S	Hi Lo Threaded Short Arm C/W Cord
PCN	Cord with M/F Plastic Nipples
HILOBP	15mm Hi Lo Float Valve Brass Plunger
HILOPP	15mm Hi Lo Float Valve Plastic Plunger
VSW15	15mm Hi Lo Float Valve Washer
VSW20	20mm Hi Lo Float Valve Washer
FFPP	Full Flow Float Valve Plastic Plunger
FFVSW	Full flow Float Valve washer
CP	Brass Cotter Pin
OR	Full flow Float Valve Plunger O Ring
HILON	NIPPLE FOR HILO 15/20MM BALLCOCK
PHPI	Philmac Pin
PHSK	Philmac Service Kit (plunger, cap and washer)
BWRC	Full flow ballcock washer retaining cap
SCP	Stainless Steel Cotter Pin
PFCA	PHILMAC VersaPhil Float Cord Attachment
PHBTA	Philmac adapter for 200mm ballfloats
PHPN69A	Philmac Versa-Phil Lever Arm 300mm
PHPN69AD	PHILMAC VERSA-PHIL 25MM 20MM ADAPTER
PHPN69SA	Philmac Versa-Phil Lever Arm 165mm
PHPN69P	Versa-Phil Pivot Pin
PHPN69W	Versa-Phil Seat washer
PHPN69SK	Versa-Phil Service kit
PHPN69TD	25 / 20MM ADAPTOR PHPN69TS



CODE DESCRIPTION

**PHILMAC FLOAT VALVE RIG**

PFVR Philmac Float Valve Rig  
 Philmac Foot Valves and floats to be purchased seperatley



**RESERVOIR VALVES**

Complete with two 150mm floats and twin float adaptor  
 Working pressure: 1 float 0-550 KpA - 80 Psi  
 2 floats 0-850 KpA - 150 Psi

AP32 Apex Single Arm Reservoir Valve 32mm  
 AP40 Apex Single Arm Reservoir Valve 40mm  
 AP50 Apex Single Arm Reservoir Valve 50mm



APRK APEX RESERVOIR VALVE REPAIR KIT

**TWIN FLOAT CONNECTOR**

APDA APEX RESERVOIR DUAL FLOAT ADAPTOR



**DUAL LEVEL RESERVOIR VALVE**

Adjustable to allow fall in water level between 65mm and 270mm before opening  
 Working pressure: 0-700 KpA - 100 Psi

AP32D Apex Dual Arm Reservoir Valve 32mm  
 AP40D Apex Dual Arm Reservoir Valve 40mm  
 AP50D Apex Dual Arm Reservoir Valve 50mm



APRKD APEX RESERVOIR VALVE REPAIR KIT DUAL

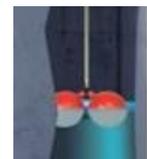
**TANK LEVEL INDICATOR**

Orange ball floats  
 Stainless steel rod

MWLI Water tank level indicator (Visiball)



MWLIEXT 1m Extension tube for water tank level indicator



**TWIN FLOAT CONNECTOR**

APDA APEX RESERVOIR DUAL FLOAT ADAPTOR



**RESERVOIR VALVES**

CODE DESCRIPTION

**STAINLESS STEEL BALLCOCK WITH SS FLOAT**

SSBC6920 20mm Stainless Steel Ballcock with SS float  
 SSBC6925 25mm Stainless Steel Ballcock with SS float



**316 STAINLESS STEEL COCKY BALLCOCK**

CFVB020 20mm Cocky float valve body  
 CFVB025 25mm Cocky float valve body  
 CFVB032 32mm Cocky float valve body  
 CFVB040 40mm Cocky float valve body  
 CFVB050 50mm Cocky float valve body



CFVA400 400mm Arm for Cocky vlave  
 CFVF150 150mm Plastic Float for Cocky valve  
 CFVF200 200mm Plastic Float for Cocky valve  
 CFVAM10515 Cocky valve adapter M10 - 5/16" BSW  
 CFVC300M10 300mm chain for cocky valve M10 nipple  
 CFVSP Set split pins for CFVB020/025 (Body)  
 CFVW Washer for CFVB020/025 (Body)  
 CFVWS Washer seat for CFVB020/025 (Body)  
 CFVFS200 Cocky valve s/steel 200mm float  
 CFVDCS COCKY DEFLECTOR GUARDS FOR 20MM & 25MM  
 CFVDCM COCKY DEFLECTOR GUARDS FOR 32MM & 40MM  
 CFVDCL COCKY DEFLECTOR GUARDS FOR 50MM  
 CFVWEDPM EDPM WASHER FOR CFVB020/025



**COCKY VALVE ULTI FLO™**

**316 stainless steel**

**Seals at 900 Kpa (30psi)**

**Across the entire range delivering 4 litres per second at just 200kPa (30 psi)  
 But able to shut off at up to 900Kpa (130 psi).**

CVUF020 20mm Cocky valve ulti flo  
 CVUF025 25mm Cocky valve ulti flo  
 CVUF032 32mm Cocky valve ulti flo  
 CVUF040 40mm Cocky valve ulti flo  
 CVUF050 50mm Cocky valve ulti flo



## TANK FITTINGS

CODE DESCRIPTION

### MACFLO PVC TANK FITTINGS

Suitable for irrigation, potable water supply, chemical installations, water treatment swimming pools, foodstuff industries

Pressure Rating 16BAR

Parallel BSP thread

All sizes except 15mm c/w rubber and stainless steel washers

15mm size - rubber washers only

### MACFLO PVC TANK FITTING

MVTF025150	25mm PVC tank fitting x 150mm
MVTF025300	25mm PVC tank fitting x 300mm
MVTF032100	32mm PVC tank fitting x 100mm
MVTF032150	32mm PVC tank fitting x 150mm
MVTF032300	32mm PVC tank fitting x 300mm
MVTF040100	40mm PVC tank fitting x 100mm
MVTF040150	40mm PVC tank fitting x 150mm
MVTF040300	40mm PVC tank fitting x 300mm
MVTF050100	50mm PVC tank fitting x 100mm
MVTF050150	50mm PVC tank fitting x 150mm
MVTF050300	50mm PVC tank fitting x 300mm
MVTF065150	65mm PVC tank fitting x 150mm
MVTF065300	65mm PVC tank fitting x 300mm
MVTF080150	80mm PVC tank fitting x 150mm
MVTF080300	80mm PVC tank fitting x 300mm
MVTF100150	100mm PVC tank fitting x 150mm
MVTF100300	100mm PVC tank fitting x 300mm



### MACFLO PVC BARREL NIPPLES

MVNI025150	25mm PVC nipple x 150mm
MVNI025300	25mm PVC nipple x 300mm
MVNI032100	32mm PVC nipple x 100mm
MVNI032150	32mm PVC nipple x 150mm
MVNI032300	32mm PVC nipple x 300mm
MVNI040100	40mm PVC nipple x 100mm
MVNI040150	40mm PVC nipple x 150mm
MVNI040300	40mm PVC nipple x 300mm
MVNI050100	50mm PVC nipple x 100mm
MVNI050150	50mm PVC nipple x 150mm
MVNI050300	50mm PVC nipple x 300mm
MVNI065150	65mm PVC nipple x 150mm
MVNI065300	65mm PVC nipple x 300mm
MVNI080150	80mm PVC nipple x 150mm
MVNI080300	80mm PVC nipple x 300mm
MVNI100150	100mm PVC nipple x 150mm
MVNI100300	100mm PVC nipple x 300mm



### MACFLO PVC BACKNUT

MVNU020	20mm PVC backnut
MVNU025	25mm PVC backnut
MVNU032	32mm PVC backnut
MVNU040	40mm PVC backnut
MVNU050	50mm PVC backnut
MVNU065	65mm PVC backnut
MVNU080	80mm PVC backnut
MVNU100	100mm PVC backnut



**BSP THREADED FITTINGS AND TANK NIPPLES**

CODE DESCRIPTION

**BSP THREADED FITTINGS**

Available in either black or white

RXT15	15mm tank fitting c/w backnut
RXT20	20mm tank fitting c/w backnut
RXT25	25mm tank fitting c/w backnut
RXT32	32mm tank fitting c/w backnut
RXT40	40mm tank fitting c/w backnut
RXT50	50mm tank fitting c/w backnut



**TANK FITTINGS**

MTF15	15mm m/f Macflo® tank fitting
MTF20	20mm m/f Macflo® tank fitting
MTF25	25mm m/f Macflo® tank fitting
MTF32	32mm m/f Macflo® tank fitting
MTF40	40mm m/f Macflo® tank fitting



PTF15	15mm m/f tank fitting
PTF20	20mm m/f tank fitting
PTF25	25mm m/f tank fitting
PTF32	32mm m/f tank fitting
PTF40	40mm m/f tank fitting
PTF50	50mm m/f tank fitting



**ANKA TANK FITTINGS**

ATF20F	20mm Female Anka Tank Fitting
ATF25F	25mm Female Anka Tank Fitting



ATF20M	20mm Male Anka Tank Fitting
ATF25M	25mm Male Anka Tank Fitting

ATFB20	20mm Anka Barbed Tank Fitting
ATFB25	25mm Anka Barbed Tank Fitting



**TANK NIPPLES**

Suitable for concrete tanks

Complete with: 2 x seal washer  
 2 x stainless steel washers. Bronze from 65mm up  
 2 x heavy-duty bronze backnuts

BTN20	20mm stainless steel tank nipple
BTN25	25mm stainless steel tank nipple
BTN32	32mm stainless steel tank nipple
BTN40	40mm stainless steel tank nipple
BTN50	50mm stainless steel tank nipple
BTN65	65mm bronze tank nipple
BTN80	80mm stainless steel tank nipple
BTN100	100mm stainless steel tank nipple



**PVC ADAPTOR**

IBC50F	50mm IBC 2" BSP female adaptor
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## FILTERS

CODE DESCRIPTION

### POLYPROPYLENE IN LINE FILTERS

PF20030S	¾" filter with 30 mesh s/s screen
PF20050S	¾" filter with 50 mesh s/s screen
PF20100S	¾" filter with 100 mesh s/s screen
PF20120S	¾" filter with 120 mesh s/s screen
PF25030S	1" filter with 30 mesh s/s screen
PF25050S	1" filter with 50 mesh s/s screen
PF25100S	1" filter with 100 mesh s/s screen
PF25120S	1" filter with 120 mesh s/s screen
PF32030S	1" ¼" filter with 30 mesh s/s screen
PF32050P	1" ¼" filter with 50 mesh poly screen
PF32050S	1" ¼" filter with 50 mesh s/s screen
PF32100P	1" ¼" filter with 100 mesh poly screen
PF32100S	1" ¼" filter with 100 mesh s/s screen
PF32120S	1" ¼" filter with 120 mesh s/s screen
PF40030S	1" ½" filter with 30 mesh s/s screen
PF40050S	1" ½" filter with 50 mesh s/s screen
PF40100P	1" ½" filter with 100 mesh poly screen
PF40100S	1" ½" filter with 100 mesh s/s screen
PF40120S	1" ½" filter with 120 mesh s/s screen
PF50030S	2" filter with 30 mesh s/s screen
PF50050S	2" filter with 50 mesh s/s screen
PF50100P	2" filter with 100 mesh poly screen
PF50100S	2" filter with 100 mesh s/s screen
PF50120S	2" filter with 120 mesh s/s screen
PF80120P	3" filter with 120 mesh poly screen

FDV FILTER DRAIN VALVE 1/2" X 1/2" BSP

**FILTER DRAIN VALVES NEED TO BE ORDERED SEPERATLEY**

**FILTER DRAIN VALES NOT SOLD WITH FILTERS**

### MACFLO® IN LINE FILTERS

Hose tail connections - OTHER MESH SIZES AVAILABLE - PLEASE ENQUIRE

MIF13	13 mm Macflo® in line filter
MIF16	16 mm Macflo® in line filter
MIF19	19 mm Macflo® in line filter
MIF25	25 mm Macflo® in line filter



**DISC FILTERS, REPLACEMENT SCREENS**

**REPLACEMENT SCREENS**

CODE DESCRIPTION

**STAINLESS MESH**

PFS20/25030S 20/25MM 30 MESH S/S FILTER SCREEN  
 PFS20/25050S 20/25MM 50 MESH S/S FILTER SCREEN  
 PFS20/25100S 20/25MM 100 MESH S/S FILTER SCREEN  
 PFS20/25120S 20/25MM 120 MESH S/S FILTER SCREEN  
 PFS32020S 32MM 20 MESH S/S FILTER SCREEN  
 PFS32030S 32MM 30 MESH S/S FILTER SCREEN  
 PFS32050S 32MM 50 MESH S/S FILTER SCREEN  
 PFS32100S 32MM 100 MESH S/S FILTER SCREEN  
 PFS32120S 32MM 120 MESH S/S FILTER SCREEN  
 PFS40/50030S 40/50MM 30 MESH S/S FILTER SCREEN  
 PFS40/50050S 40/50MM 50 MESH S/S FILTER SCREEN  
 PFS40/50100S 40/50MM 100 MESH S/S FILTER SCREEN  
 PFS40/50120S 40/50MM 120 MESH S/S FILTER SCREEN

PFS80120 80MM 120 MESH POLY FILTER SOCK

**POLY MESH**

PFS20/25030P 20/25MM 30 MESH POLY FILTER SCREEN  
 PFS20/25155P 20/25MM 155 MESH POLY FILTER SCREEN  
 PFS20/25200P 20/25MM 200 MESH POLY FILTER SCREEN  
 PFS32030P 32MM 30 MESH POLY FILTER SCREEN  
 PFS32050P 32MM 50 MESH POLY FILTER SCREEN  
 PFS32100P 32MM 100 MESH POLY FILTER SCREEN  
 PFS40/50100P 40/50MM 100 MESH POLY FILTER SCREEN



Micron is the hole diameter measured in microns (1000 microns = 1mm)  
 Mesh is the number of holes per linear inch

Mesh	30	50	100	120
Micron	500	300	160	130
mm	0.50	0.30	0.16	0.13
Colour	Green	Blue	Light Blue	Red

**POLYPROPYLENE IN LINE FILTERS**

Male threaded ends - disc filters

CODE DESCRIPTION

PF20120D ¾" filter with mesh disc cartridge  
 PF25120D 1" filter with mesh disc cartridge

PFS20/25120D 20/25MM 120 MESH FILTER DISC



## BRASS Y FILTERS WITH REPLACEMENT SCREENS, AZUD FILTERS

Body in brass.

Minimum and maximum working temperatures: -20°C, 110°C in absence of steam.

Maximum working pressure 20 Bar

CODE	DESCRIPTION
YF15	15mm Itap Y Filter
YF20	20mm Itap Y Filter
YF25	25mm Itap Y Filter
YF32	32mm Itap Y Filter
YF40	40mm Itap Y Filter
YF50	50mm Itap Y Filter



Body in nickel-plated brass.

Minimum and maximum working temperatures: -20°C, 110°C in absence of steam.

Maximum working pressure 20 Bar

YF32N	32mm Itap Y Filter Nickel Plated
YF50N	50mm Itap Y Filter Nickel Plated



### Y FILTER SCREENS

YF20S	20mm Itap Screen for Y Filter
YF25S	25mm Itap Screen for Y Filter
YF32S	32mm Itap Screen for Y Filter
YF40S	40mm Itap Screen for Y Filter
YF50S	50mm Itap Screen for Y Filter





### CAMLOCKS

Standard C and E type camlocks with hose tails to fit 110mm, 90mm, 75mm and 63mm OD MDPE pipe

CODE	DESCRIPTION
CAM5057C	50MM CAMLOCK X 57MM OD HOSE COUPLER
CAM5057E	50MM CAMLOCK X 57MM OD HOSE ADAPTER
CAM5063C	50MM CAMLOCK X 63MM OD HOSE COUPLER
CAM5063E	50MM CAMLOCK X 63MM OD HOSE TAIL ADAPTER
CAM6563C	65MM CAMLOCK X 63MM SIZE OD TAIL C
CAM6563E	65MM CAMLOCK X 63MM OD SIZE TAIL E
CAM6575C	65MM CAMLOCK X 75MM OD SIZE TAIL C
CAM6575E	65MM CAMLOCK X 75MM OD SIZE TAIL E
CAM8063C	80MM CAMLOCK X 63MM OD SIZE TAIL C
CAM8063E	80MM CAMLOCK X 63MM OD SIZE TAIL E
CAM8075C	80MM CAMLOCK X 75MM OD SIZE TAIL C
CAM8075E	80MM CAMLOCK X 75MM OD SIZE TAIL E
CAM8090C	80MM CAMLOCK X 90MM OD SIZE TAIL C
CAM8090E	80MM CAMLOCK X 90MM OD SIZE TAIL E
CAM100110C	100MM CAMLOCK C X 110MM PIPE TAIL
CAM100110E	100MM CAMLOCK E X 110MM OD PIPE

Hose Tail Coupler  
C Type



Hose Tail Adapter  
E Type



### STRAIGHT AND REDUCING STRAIGHT CONNECTORS

CAM5050S	50MM CAMLOCK HOSE JOINER
CAM6363S	63MM OD SIZE CONNECTOR
CAM7563S	75MM X 63MM OD SIZE CONNECTOR
CAM7575S	75MM OD SIZE PIPE CONNECTOR
CAM9063S	90MM X 63MM OD SIZE PIPE CONNECTOR
CAM9075S	90MM X 75MM OD SIZE PIPE CONNECTOR
CAM9090S	90MM OD SIZE PIPE CONNECTOR
CAM110110S	110MM OD PIPE SIZE CONNECTOR



### CAMLOCK ARMS & PINS

#### GOOD FOR AGRICULTURAL CAMLOCKS

CAMLM	CAMLOCK ARM FITS SIZES 32MM - 65MM
CAMLL	CAMLOCK ARM FITS SIZES 80MM - 100MM
CAMPM	CAMLOCK PIN FITS SIZES 32MM - 65MM
CAMPL	CAMLOCK PIN FITS SIZES 80MM - 100MM



#### GOOD FOR ALUMINIUM, POLY & STAINLESS STEEL CAMLOCKS

CAMLB15/20	CAMLOCK BRASS LEVER FITS 15/20MM
CAMLB25	CAMLOCK BRASS LEVER FIT 25MM
CAMLB32/40/50/65	CAMLOCK BRASS LEVER FIT 32/40/50/65MM
CAMLB80/100	CAMLOCK BRASS LEVER FIT 80/100MM



### CAMLOCK GASKET /SEAL

CAM15S	15MM CAMLOCK SEAL
CAM20S	20MM CAMLOCK SEAL
CAM25S	25MM CAMLOCK SEAL
CAM32S	32MM CAMLOCK SEAL
CAM40S	40MM CAMLOCK SEAL
CAM50S	50MM CAMLOCK SEAL
CAM65S	65MM CAMLOCK SEAL
CAM80S	80MM CAMLOCK SEAL
CAM100S	100MM CAMLOCK SEAL



**ALUMINIUM CAMLOCK COUPLINGS**

CODE	DESCRIPTION
CAM15AT	15MM AL CAMLOCK A - THRIFTY
CAM20AT	20MM AL CAMLOCK A - THRIFTY
CAM25AT	25MM AL CAMLOCK A - THRIFTY
CAM32AT	32MM AL CAMLOCK A - THRIFTY
CAM40AT	40MM AL CAMLOCK A - THRIFTY
CAM50AT	50MM AL CAMLOCK A - THRIFTY
CAM65AT	65MM AL CAMLOCK A - THRIFTY
CAM80AT	80MM AL CAMLOCK A - THRIFTY
CAM100AT	100MM AL CAMLOCK A - THRIFTY
CAM15BT	15MM AL CAMLOCK B - THRIFTY
CAM20BT	20MM AL CAMLOCK B - THRIFTY
CAM25BT	25MM AL CAMLOCK B - THRIFTY
CAM32BT	32MM AL CAMLOCK B - THRIFTY
CAM40BT	40MM AL CAMLOCK B - THRIFTY
CAM50BT	50MM AL CAMLOCK B - THRIFTY
CAM65BT	65MM AL CAMLOCK B - THRIFTY
CAM80BT	80MM AL CAMLOCK B - THRIFTY
CAM100BT	100MM AL CAMLOCK B - THRIFTY
CAM15CT	15MM AL CAMLOCK C - THRIFTY
CAM20CT	20MM AL CAMLOCK C - THRIFTY
CAM25CT	25MM AL CAMLOCK C - THRIFTY
CAM32CT	32MM AL CAMLOCK C - THRIFTY
CAM40CT	40MM AL CAMLOCK C - THRIFTY
CAM50CT	50MM AL CAMLOCK C - THRIFTY
CAM65CT	65MM AL CAMLOCK C - THRIFTY
CAM80CT	80MM AL CAMLOCK C - THRIFTY
CAM100CT	100MM AL CAMLOCK C - THRIFTY
CAM15DT	15MM AL CAMLOCK D - THRIFTY
CAM20DT	20MM AL CAMLOCK D - THRIFTY
CAM25DT	25MM AL CAMLOCK D - THRIFTY
CAM32DT	32MM AL CAMLOCK D - THRIFTY
CAM40DT	40MM AL CAMLOCK D - THRIFTY
CAM50DT	50MM AL CAMLOCK D - THRIFTY
CAM65DT	65MM AL CAMLOCK D - THRIFTY
CAM80DT	80MM AL CAMLOCK D - THRIFTY
CAM100DT	100MM AL CAMLOCK D - THRIFTY
CAM15ET	15MM AL CAMLOCK E - THRIFTY
CAM20ET	20MM AL CAMLOCK E - THRIFTY
CAM25ET	25MM AL CAMLOCK E - THRIFTY
CAM32ET	32MM AL CAMLOCK E - THRIFTY
CAM40ET	40MM AL CAMLOCK E - THRIFTY
CAM50ET	50MM AL CAMLOCK E - THRIFTY
CAM65ET	65MM AL CAMLOCK E - THRIFTY
CAM80ET	80MM AL CAMLOCK E - THRIFTY
CAM100ET	100MM AL CAMLOCK E - THRIFTY
CAM15FT	15MM AL CAMLOCK F - THRIFTY
CAM20FT	20MM AL CAMLOCK F - THRIFTY
CAM25FT	25MM AL CAMLOCK F - THRIFTY
CAM32FT	32MM AL CAMLOCK F - THRIFTY
CAM40FT	40MM AL CAMLOCK F - THRIFTY
CAM50FT	50MM AL CAMLOCK F - THRIFTY
CAM65FT	65MM AL CAMLOCK F - THRIFTY
CAM80FT	80MM AL CAMLOCK F - THRIFTY
CAM100FT	100MM AL CAMLOCK F - THRIFTY



CODE	DESCRIPTION
CAM15DCT	15MM AL CAMLOCK DUST CAP - THRIFTY
CAM20DCT	20MM AL CAMLOCK DUST CAP - THRIFTY
CAM25DCT	25MM AL CAMLOCK DUST CAP - THRIFTY
CAM32DCT	32MM AL CAMLOCK DUST CAP - THRIFTY
CAM40DCT	40MM AL CAMLOCK DUST CAP - THRIFTY
CAM50DCT	50MM AL CAMLOCK DUST CAP - THRIFTY
CAM65DCT	65MM AL CAMLOCK DUST CAP - THRIFTY
CAM80DCT	80MM AL CAMLOCK DUST CAP - THRIFTY
CAM100DCT	100MM AL CAMLOCK DUST CAP -THRIFTY



CAM15DPT	15MM AL CAMLOCK DUST PLUG - THRIFTY
CAM20DPT	20MM AL CAMLOCK DUST PLUG - THRIFTY
CAM25DPT	25MM AL CAMLOCK DUST PLUG - THRIFTY
CAM32DPT	32MM AL CAMLOCK DUST PLUG - THRIFTY
CAM40DPT	40MM AL CAMLOCK DUST PLUG - THRIFTY
CAM50DPT	50MM AL CAMLOCK DUST PLUG - THRIFTY
CAM65DPT	65MM AL CAMLOCK DUST PLUG - THRIFTY
CAM80DPT	80MM AL CAMLOCK DUST PLUG - THRIFTY
CAM100DPT	100MM AL CAMLOCK DUST PLUG - THRIFTY



#### POLYPROPYLENE CAMLOCK COUPLINGS

CODE	DESCRIPTION
CAM15AP	15MM POLY CAMLOCK FEM BSP ADAPTER
CAM20AP	20MM POLY CAMLOCK FEM BSP ADAPTER
CAM25AP	25MM POLY CAMLOCK FEMALE ADAPTER
CAM32AP	32MM POLY CAMLOCK FEM BSP ADAPTER
CAM40AP	40MM POLY CAMLOCK FEM BSP ADAPTER
CAM50AP	50MM POLY CAMLOCK FEM BSP ADAPTER
CAM65AP	65MM POLY CAMLOCK FEM BSP ADAPTER
CAM80AP	80MM POLY CAMLOCK FEM BSP ADAPTER
CAM100AP	100MM POLY CAMLOCK FEM BSP ADAPTER



CAM15BP	15MM POLY CAMLOCK MALE BSP COUPLER
CAM20BP	20MM POLY CAMLOCK MALE BSP COUPLER
CAM25BP	25MM POLY CAMLOCK MALE BSP COUPLER
CAM32BP	32MM POLY CAMLOCK MALE BSP COUPLER
CAM40BP	40MM POLY CAMLOCK MALE BSP COUPLER
CAM50BP	50MM POLY CAMLOCK MALE BSP COUPLER
CAM65BP	65MM POLY CAMLOCK MALE BSP COUPLER
CAM80BP	80MM POLY CAMLOCK MALE BSP COUPLER
CAM100BP	100MM POLY CAM MALE THREAD COUPLER



CAM15CP	15MM POLY CAMLOCK HOSE TAIL COUPLER
CAM20CP	20MM POLY CAMLOCK HOSE TAIL COUPLER
CAM25CP	25MM POLY CAMLOCK HOSE TAIL COUPLER
CAM32CP	32MM POLY CAMLOCK HOSE TAIL COUPLER
CAM40CP	40MM POLY CAMLOCK HOSE TAIL COUPLER
CAM50CP	50MM POLY CAMLOCK HOSE TAIL COUPLER
CAM65CP	65MM POLY CAMLOCK HOSE TAIL COUPLER
CAM80CP	80MM POLY CAMLOCK HOSE TAIL COUPLER
CAM100CP	100MM POLY CAMLOCK HOSE TAIL COUPLER



CODE	DESCRIPTION
CAM15DP	15MM POLY CAMLOCK FEM BSP COUPLER
CAM20DP	20MM POLY CAMLOCK FEM BSP COUPLER
CAM25DP	25MM POLY CAMLOCK FEM BSP COUPLER
CAM32DP	32MM POLY CAMLOCK FEM BSP COUPLER
CAM40DP	40MM POLY CAMLOCK FEM BSP COUPLER
CAM50DP	50MM POLY CAMLOCK FEM BSP COUPLER
CAM65DP	65MM POLY CAMLOCK FEM BSP COUPLER
CAM80DP	80MM POLY CAMLOCK FEM BSP COUPLER
CAM100DP	100MM POLY CAMLOCK FEM BSP COUPLER
CAM15EP	15MM POLY CAMLOCK HOSE TAIL ADAPTER
CAM20EP	20MM POLY CAMLOCK HOSE TAIL ADAPTER
CAM25EP	25MM POLY CAMLOCK HOSE TAIL ADAPTER
CAM32EP	32MM POLY CAMLOCK HOSE TAIL ADAPTER
CAM40EP	40MM POLY CAMLOCK HOSE TAIL ADAPTER
CAM50EP	50MM POLY CAMLOCK HOSE TAIL ADAPTER
CAM65EP	65MM POLY CAMLOCK HOSE TAIL ADAPTER
CAM80EP	80MM POLY CAMLOCK HOSE TAIL ADAPTER
CAM100EP	100MM POLY CAMLOCK HOSE TAIL ADAPTER
CAM15FP	15MM POLY CAMLOCK MALE BSP ADAPTER
CAM20FP	20MM POLY CAMLOCK MALE BSP ADAPTER
CAM25FP	25MM POLY CAMLOCK MALE BSP ADAPTER
CAM32FP	32MM POLY CAMLOCK MALE BSP ADAPTER
CAM40FP	40MM POLY CAMLOCK MALE BSP ADAPTER
CAM50FP	50MM POLY CAMLOCK MALE BSP ADAPTER
CAM65FP	65MM POLY CAMLOCK MALE BSP ADAPTER
CAM80FP	80MM POLY CAMLOCK MALE BSP ADAPTER
CAM100FP	100MM POLY CAMLOCK MALE BSP ADAPTER
CAM15DCP	15MM POLYPROP CAMLOCK DUST CAP
CAM20DCP	20MM POLYPROP CAMLOCK DUST CAP
CAM25DCP	25MM POLYPROP CAMLOCK DUST CAP
CAM32DCP	32MM POLYPROP CAMLOCK DUST CAP
CAM40DCP	40MM POLYPROP CAMLOCK DUST CAP
CAM50DCP	50MM POLYPROP CAMLOCK DUST CAP
CAM65DCP	65MM POLYPROP CAMLOCK DUST CAP
CAM80DCP	80MM POLYPROP CAMLOCK DUST CAP
CAM100DCP	100MM POLYPROP CAMLOCK DUST CAP
CAM15DPP	15MM POLYPROP CAMLOCK DUST PLUG
CAM20DPP	20MM POLYPROP CAMLOCK DUST PLUG
CAM25DPP	25MM POLYPROP CAMLOCK DUST PLUG
CAM32DPP	32MM POLYPROP CAMLOCK DUST PLUG
CAM40DPP	40MM POLYPROP CAMLOCK DUST PLUG
CAM50DPP	50MM POLYPROP CAMLOCK DUST PLUG
CAM65DPP	65MM POLYPROP CAMLOCK DUST PLUG
CAM80DPP	80MM POLYPROP CAMLOCK DUST PLUG
CAM100DPP	100MM POLYPROP CAMLOCK DUST PLUG



**STAINLESS STEEL 316 CAMLOCK COUPLINGS**

CODE	DESCRIPTION
CAM20AS	20MM S/S CAMLOCK FEMALE THREAD ADAPTER
CAM25AS	25MM S/S CAMLOCK FEMALE THREAD ADAPTER
CAM32AS	32MM S/S CAMLOCK FEMALE THREAD ADAPTER
CAM40AS	40MM S/S CAMLOCK FEMALE THREAD ADAPTER
CAM50AS	50MM S/S CAMLOCK FEMALE THREAD ADAPTER
CAM65AS	65MM S/S CAMLOCK FEMALE THREAD ADAPTER
CAM80AS	80MM S/S CAMLOCK FEMALE THREAD ADAPTER
CAM100AS	100MM S/S CAMLOCK FEMALE THREAD ADAPTER
CAM20BS	20MM S/S CAMLOCK MALE THREAD COUPLER
CAM25BS	25MM S/S CAMLOCK MALE THREAD COUPLER
CAM32BS	32MM S/S CAMLOCK MALE THREAD COUPLER
CAM40BS	40MM S/S CAMLOCK MALE THREAD COUPLER
CAM50BS	50MM S/S CAMLOCK MALE THREAD COUPLER
CAM65BS	65MM S/S CAMLOCK MALE THREAD COUPLER
CAM80BS	80MM S/S CAMLOCK MALE THREAD COUPLER
CAM100BS	100MM S/S CAMLOCK MALE THREAD COUPLER
CAM20CS	20MM S/S CAMLOCK HOSE TAIL COUPLER
CAM25CS	25MM S/S CAMLOCK HOSE TAIL COUPLER
CAM32CS	32MM S/S CAMLOCK HOSE TAIL COUPLER
CAM40CS	40MM S/S CAMLOCK HOSE TAIL COUPLER
CAM50CS	50MM S/S CAMLOCK HOSE TAIL COUPLER
CAM65CS	65MM S/S CAMLOCK HOSE TAIL COUPLER
CAM80CS	80MM S/S CAMLOCK HOSE TAIL COUPLER
CAM100CS	100MM S/S CAMLOCK HOSE TAIL COUPLER
CAM20DS	20MM S/S CAMLOCK FEMALE THREAD COUPLER
CAM25DS	25MM S/S CAMLOCK FEMALE THREAD COUPLER
CAM32DS	32MM S/S CAMLOCK FEMALE THREAD COUPLER
CAM40DS	40MM S/S CAMLOCK FEMALE THREAD COUPLER
CAM50DS	50MM S/S CAMLOCK FEMALE THREAD COUPLER
CAM65DS	65MM S/S CAMLOCK FEMALE THREAD COUPLER
CAM80DS	80MM S/S CAMLOCK FEMALE THREAD COUPLER
CAM100DS	100MM S/S CAMLOCK FEMALE THREAD COUPLER
CAM20ES	20MM S/S CAMLOCK HOSE TAIL ADAPTER
CAM25ES	25MM S/S CAMLOCK HOSE TAIL ADAPTER
CAM32ES	32MM S/S CAMLOCK HOSE TAIL ADAPTER
CAM40ES	40MM S/S CAMLOCK HOSE TAIL ADAPTER
CAM50ES	50MM S/S CAMLOCK HOSE TAIL ADAPTER
CAM65ES	65MM S/S CAMLOCK HOSE TAIL ADAPTER
CAM80ES	80MM S/S CAMLOCK HOSE TAIL ADAPTER
CAM100ES	100MM S/S CAMLOCK HOSE TAIL ADAPTER
CAM20FS	20MM S/S CAMLOCK MALE THREAD ADAPTER
CAM25FS	25MM S/S CAMLOCK MALE THREAD ADAPTER
CAM32FS	32MM S/S CAMLOCK MALE THREAD ADAPTER
CAM40FS	40MM S/S CAMLOCK MALE THREAD ADAPTER
CAM50FS	50MM S/S CAMLOCK MALE THREAD ADAPTER
CAM65FS	65MM S/S CAMLOCK MALE THREAD ADAPTER
CAM80FS	80MM S/S CAMLOCK MALE THREAD ADAPTER
CAM100FS	100MM S/S CAMLOCK MALE THREAD ADAPTER



CODE	DESCRIPTION
CAM20DCS	20MM S/S CAMLOCK DUST CAP
CAM25DCS	25MM S/S CAMLOCK DUST CAP
CAM32DCS	32MM S/S CAMLOCK DUST CAP
CAM40DCS	40MM S/S CAMLOCK DUST CAP
CAM50DCS	50MM S/S CAMLOCK DUST CAP
CAM65DCS	65MM S/S CAMLOCK DUST CAP
CAM80DCS	80MM S/S CAMLOCK DUST CAP
CAM100DCS	100MM S/S CAMLOCK DUST CAP
CAM20DPS	20MM S/S CAMLOCK DUST PLUG
CAM25DPS	25MM S/S CAMLOCK DUST PLUG
CAM32DPS	32MM S/S CAMLOCK DUST PLUG
CAM40DPS	40MM S/S CAMLOCK DUST PLUG
CAM50DPS	50MM S/S CAMLOCK DUST PLUG
CAM65DPS	65MM S/S CAMLOCK DUST PLUG
CAM80DPS	80MM S/S CAMLOCK DUST PLUG
CAM100DPS	100MM S/S CAMLOCK DUST PLUG



**AGRICULTURAL CAMLOCK COUPLINGS**

General Purpose Permanent Mould Gravity Cast (Made in New Zealand).

CODE	DESCRIPTION
CAM20AW	20MM AL CAMLOCK A - ALUMINIUM
CAM25AW	25MM AL CAMLOCK A - ALUMINIUM
CAM32AW	32MM AL CAMLOCK A - ALUMINIUM
CAM40AW	40MM AL CAMLOCK A - ALUMINIUM
CAM50AW	50MM AL CAMLOCK A - ALUMINIUM
CAM65AW	65MM AL CAMLOCK A - ALUMINIUM
CAM80AW	80MM AL CAMLOCK A - ALUMINIUM
CAM100AW	100MM AL CAMLOCK A - ALUMINIUM
CAM20BW	20MM AL CAMLOCK B - ALUMINIUM
CAM25BW	25MM AL CAMLOCK B - ALUMINIUM
CAM32BW	32MM AL CAMLOCK B - ALUMINIUM
CAM40BW	40MM AL CAMLOCK B - ALUMINIUM
CAM50BW	50MM AL CAMLOCK B - ALUMINIUM
CAM65BW	65MM AL CAMLOCK B - ALUMINIUM
CAM80BW	80MM AL CAMLOCK B - ALUMINIUM
CAM100BW	100MM AL CAMLOCK B - ALUMINIUM
CAM20CW	20MM AL CAMLOCK C - ALUMINIUM
CAM25CW	25MM AL CAMLOCK C - ALUMINIUM
CAM32CW	32MM AL CAMLOCK C - ALUMINIUM
CAM40CW	40MM AL CAMLOCK C - ALUMINIUM
CAM50CW	50MM AL CAMLOCK C - ALUMINIUM
CAM65CW	65MM AL CAMLOCK C - ALUMINIUM
CAM80CW	80MM AL CAMLOCK C - ALUMINIUM
CAM100CW	100MM AL CAMLOCK C - ALUMINIUM



CODE	DESCRIPTION
CAM20DW	20MM AL CAMLOCK D - ALUMINIUM
CAM25DW	25MM AL CAMLOCK D - ALUMINIUM
CAM32DW	32MM AL CAMLOCK D - ALUMINIUM
CAM40DW	40MM AL CAMLOCK D - ALUMINIUM
CAM50DW	50MM AL CAMLOCK D - ALUMINIUM
CAM65DW	65MM AL CAMLOCK D - ALUMINIUM
CAM80DW	80MM AL CAMLOCK D - ALUMINIUM
CAM100DW	100MM AL CAMLOCK D - ALUMINIUM
CAM20EW	20MM AL CAMLOCK E - ALUMINIUM
CAM25EW	25MM AL CAMLOCK E - ALUMINIUM
CAM32EW	32MM AL CAMLOCK E - ALUMINIUM
CAM40EW	40MM AL CAMLOCK E - ALUMINIUM
CAM50EW	50MM AL CAMLOCK E - ALUMINIUM
CAM65EW	65MM AL CAMLOCK E - ALUMINIUM
CAM80EW	80MM AL CAMLOCK E - ALUMINIUM
CAM100EW	100MM AL CAMLOCK E - ALUMINIUM
CAM20FW	20MM AL CAMLOCK F - ALUMINIUM
CAM25FW	25MM AL CAMLOCK F - ALUMINIUM
CAM32FW	32MM AL CAMLOCK F - ALUMINIUM
CAM40FW	40MM AL CAMLOCK F - ALUMINIUM
CAM50FW	50MM AL CAMLOCK F - ALUMINIUM
CAM65FW	65MM AL CAMLOCK F - ALUMINIUM
CAM80FW	80MM AL CAMLOCK F - ALUMINIUM
CAM100FW	100MM AL CAMLOCK F - ALUMINIUM
CAM20DCW	20MM AL CAMLOCK DUST CAP - ALUMINIUM
CAM25DCW	25MM AL CAMLOCK DUST CAP - ALUMINIUM
CAM32DCW	32MM AL CAMLOCK DUST CAP - ALUMINIUM
CAM40DCW	40MM AL CAMLOCK DUST CAP - ALUMINIUM
CAM50DCW	50MM AL CAMLOCK DUST CAP - ALUMINIUM
CAM65DCW	65MM AL CAMLOCK DUST CAP - ALUMINIUM
CAM80DCW	80MM AL CAMLOCK DUST CAP - ALUMINIUM
CAM100DCW	100MM AL CAMLOCK DUST CAP - ALUMINIUM
CAM20DPW	20MM AL CAMLOCK DUST PLUG - ALUMINIUM
CAM25DPW	25MM AL CAMLOCK DUST PLUG - ALUMINIUM
CAM32DPW	32MM AL CAMLOCK DUST PLUG - ALUMINIUM
CAM40DPW	40MM AL CAMLOCK DUST PLUG - ALUMINIUM
CAM50DPW	50MM AL CAMLOCK DUST PLUG - ALUMINIUM
CAM65DPW	65MM AL CAMLOCK DUST PLUG - ALUMINIUM
CAM80DPW	80MM AL CAMLOCK DUST PLUG - ALUMINIUM
CAM100DPW	100MM AL CAMLOCK DUST PLUG - ALUMINIUM

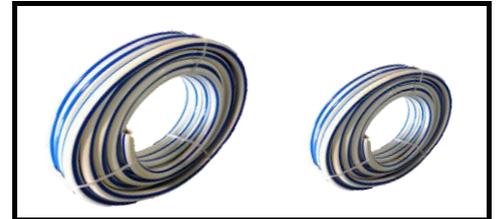




**MACFLO PVC WASHDOWN HOSE**

High quality, excellent UV resistance, 10 bar rated  
Inner core: black PVC with smooth finish  
Reinforcing: high tancity polyester yarn  
Outer cover: UV stabalised PVC with ribbed finish

CODE	DESCRIPTION
<b>30m rolls</b>	
MWD25	25MM MACFLO® WASHDOWN HOSE
MWD32	32MM MACFLO® WASHDOWN HOSE
<b>20m rolls</b>	
MWD40	40MM MACFLO® WASHDOWN HOSE

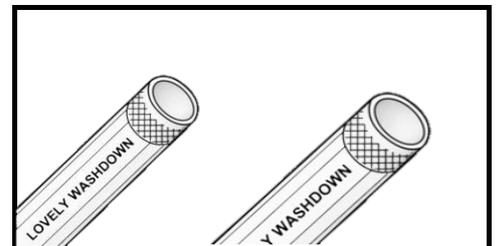


The Hoses Below are current estimated prices  
Please Inquiry with our Warehouse 09 828 1180

**PVC WASHDOWN HOSE**

High quality  
10 bar rated

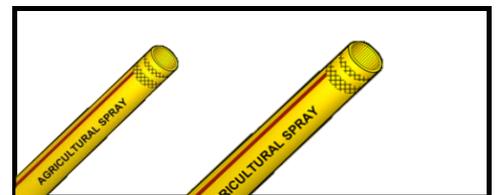
CODE	DESCRIPTION	Sold Per Metre	Sold Per Metre
<b>30m rolls</b>			
HWD25	25MM WASHDOWN HOSE		
HWD32	32MM WASHDOWN HOSE		
<b>20m rolls</b>			
HWD40	40MM WASHDOWN HOSE		



**AGRICULTURAL SPRAY HOSE**

600 psi

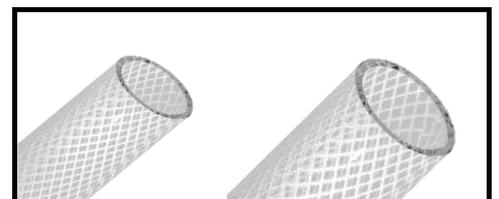
CODE	DESCRIPTION	Sold Per Metre	Sold Per Metre
HAS10	10MM AGRICULTURAL SPRAY HOSE X 100mm		
HAS13	13MM AGRICULTURAL SPRAY HOSE X 100mm		



**NON TOXIC PRESSUREFLEX**

Service temp: -5°C to 60°C

CODE	DESCRIPTION	Sold Per Metre	Sold Per Metre
HNTP008	8MM PRESSUREFLEX		
HNTP013	13MM PRESSUREFLEX		
HNTP016	16MM PRESSUREFLEX		
HNTP020	20MM PRESSUREFLEX		
HNTP025	25MM PRESSUREFLEX		



The Hoses Below are current estimated prices  
 Please Inquiry with our Warehouse 09 828 1180

**HOSE**

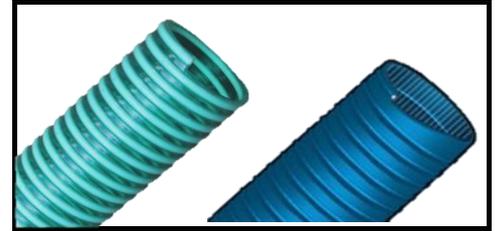
**PVC SUCTION HOSE**

Green PVC spiral reinforced

Service temp: 5°C to 60°C

For light duty suction and discharge of water in agricultural use

CODE	DESCRIPTION	Sold Per Metre	Sold Per Metre
HGS20	20MM GREEN L/D HELIFLEX		
HGS25	25MM GREEN L/D HELIFLEX		
HGS32	32MM GREEN L/D HELIFLEX		
HGS40	40MM GREEN L/D HELIFLEX		
HGS50	50MM GREEN L/D HELIFLEX		
HGS65	65MM GREEN L/D HELIFLEX		
HGS80	80MM GREEN L/D HELIFLEX		
HGS100	100MM GREEN L/D HELIFLEX		

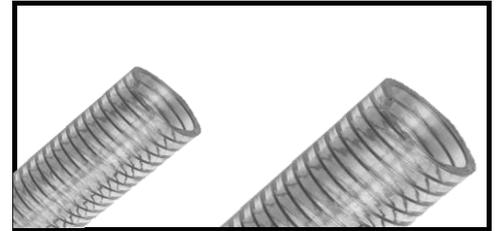


**Clear non-toxic steel spiral reinforced**

Service temp: 15°C to 65°C

Suitable for foodstuffs, vacuum pumps, agricultural machines, potable water

HSP020	20MM HELISPRING NON TOXIC HOSE
HSP025	25MM HELISPRING NON TOXIC HOSE
HSP032	32MM HELISPRING NON TOXIC HOSE
HSP040	40MM HELISPRING NON TOXIC HOSE
HSP050	50MM HELISPRING NON TOXIC HOSE
HSP065	65MM HELISPRING NON TOXIC HOSE
HSP080	80MM HELISPRING NON TOXIC HOSE
HSP100	100MM HELISPRING NON TOXIC HOSE



**LAYFLAT HOSE**

PVC core polyester yarn reinforced with PVC cover

Service temp: 10°C to 60°C

Suitable for water discharge only in residential, agricultural, and industrial applications

HLF025	25MM BLUE LAYFLAT HOSE
HLF032	32MM BLUE LAYFLAT HOSE
HLF040	40MM BLUE LAYFLAT HOSE
HLF050	50MM BLUE LAYFLAT HOSE
HLF065	65MM BLUE LAYFLAT HOSE
HLF080	80MM BLUE LAYFLAT HOSE
HLF100	100MM BLUE LAYFLAT HOSE
HLF150	150MM BLUE LAYFLAT HOSE



**FLEXIBLE HOSES**

15mm 304 Stainless Steel. 20mm - 50mm Zinc Plated Steel.

CODE	DESCRIPTION
SFH150100	100MM X 1/2" BSP FLEX HOSE
SFH150100E	100MM X 1/2" BSP ELBOW FLEX HOSE
SFH150150	150MM X 1/2" BSP S/S FLEXIBLE HOSE
SFH150150E	150MM X 1/2" BSP ELBOW FLEX HOSE
SFH150200	200MM X 1/2" BSP S/S FLEXIBLE HOSE
SFH150300	300MM X 1/2" BSP S/S FLEXIBLE HOSE
SFH150300E	300MM X 1/2" BSP ELBOW FLEX HOSE
SFH150400	400MM X 1/2" BSP S/S FLEXIBLE HOSE
SFH150400E	400MM X 1/2" BSP ELBOW FLEX HOSE
SFH150500	500MM X 1/2" BSP S/S FLEXIBLE HOSE
SFH150600	600MM X 1/2" BSP S/S FLEXIBLE HOSE
SFH200300	3/4" X 300MM FLEXIBLE HOSE M/F
SFH200500	3/4" X 500MM FLEXIBLE HOSE M/F
SFH200800	3/4" X 800MM FLEXIBLE HOSE M/F
SFH201000	3/4" X 1000MM FLEXIBLE HOSE M/F
SFH250300	1" X 300MM FLEXIBLE HOSE M/F
SFH250500	1" X 500MM FLEXIBLE HOSE M/F
SFH250600	1" X 600MM FLEXIBLE HOSE M/F
SFH250700	1" X 700MM FLEXIBLE HOSE M/F
SFH250800	1" X 800MM FLEXIBLE HOSE M/F
SFH251000	1" X 1000MM FLEXIBLE HOSE M/F
SFH320500	1 1/4" x 500MM FLEXIBLE HOSE M/F
SFH320800	1 1/4" x 800MM FLEXIBLE HOSE M/F
SFH321000	1 1/4" x 1000MM FLEXIBLE HOSE M/F
SFH400500	1 1/2' X 500MM FLEXIBLE HOSE M/F
SFH400800	1 1/2' X 800MM FLEXIBLE HOSE M/F
SFH401000	1 1/2' X 1000MM FLEXIBLE HOSE M/F
SFH500500	2" X 500MM FLEXIBLE HOSE M/F
SFH500800	2" X 800MM FLEXIBLE HOSE M/F
SFH501000	2" X 1000MM FLEXIBLE HOSE M/F



**WASHERS**

SFH15CW	CONED WASHER FOR 15MM S/S FLEXHOSE
SFHW15	WASHER FOR 15MM FLEXIBLE HOSE
SFHW20	WASHER FOR 20MM FLEXIBLE HOSE
SFHW25	25MM FLEXIBLE HOSE WASHER - RUBBER





**NORMA CLAMPS**

**NORMA HEAVY DUTY HOSE CLAMPS W2**

Stainless steel band Closure components mild steel, galvanised/yellow chromated



CODE	CLAMPING RANGE (mm)	BAND WIDTH (mm)
NHDC017	17-19	18
NHDC019	19-21	18
NHDC021	21-23	18
NHDC023	23-25	18
NHDC025	25-27	18
NHDC027	27-29	18
NHDC029	29-31	18
NHDC031	31-34	18
NHDC034	34-37	18
NHDC037	37-40	18
NHDC040	40-43	18
NHDC043	43-47	20
NHDC047	47-51	20
NHDC051	51-55	20
NHDC055	55-59	20
NHDC059	59-63	20
NHDC063	63-68	20
NHDC068	68-73	25
NHDC073	73-79	25
NHDC079	79-85	25
NHDC085	85-91	25
NHDC091	91-97	25
NHDC097	97-104	25
NHDC104	104-112	25
NHDC112	112-121	25
NHDC121	121-130	25
NHDC130	130-140	30
NHDC140	140-150	30
NHDC150	150-162	30
NHDC162	162-174	30
NHDC174	174-187	30
NHDC187	187-200	30
NHDC200	200-213	30
NHDC213	213-226	30
NHDC226	226-239	30
NHDC239	239-252	30



NHDCM Merchandiser c/w 250 clamps

**CLAMP SIZES FOR SOME PIPE AND HOSE SIZES:**

Medium Density Polythene, and Effluent Pipe:

NHDC059	Fits 63mm OD
NHDC073	Fits 75mm OD
NHDC085	Fits 90mm OD
NHDC104	Fits 110mm OD

Shed Wash Hose:

NHDC034	Fits 25mm
NHDC040	Fits 32mm
NHDC047	Fits 40mm



**NORMA HOSE CLIPS**



CODE	CLAMPING RANGE (mm)	BAND WIDTH (mm)	PACK
<b>NORMA STAINLESS STEEL HOSE CLIPS W3</b>			
<b>All stainless steel</b>			
NHCS812	8 - 12	7.5	10
NHCS008	8-16	9	10
NHCS010	10-16	7.5	10
NHCS012	12-20	9	10
NHCS016	16-27	12	10
NHCS020	20-32	12	10
NHCS025	25-40	12	10
NHCS030	30-45	12	10
NHCS035	35-50	12	10
NHCS040	40-60	12	10
NHCS050	50-70	12	10
NHCS060	60-80	12	10
NHCS070	70-90	12	10
NHCS080	80-100	12	10
NHCS090	90-110	12	10
NHCS100	100-120	12	5
NHCS110	110-130	12	5
NHCS120	120-140	12	5
NHCS130	130-150	12	5
NHCS140	140-160	12	5
NHCS150	150-170	12	5
NHCS160	160-180	12	5
NHCS180	180-200	12	5
NHCS210	210-230	12	5
NHCS260	260-280	12	5



**NORMA HOSE CLAMPS W5**

**Stainless steel band and bolts**

W4 Material, Band, Screw & Housing: High Grade Stainless Steel throughout (1.4401 / AISI316).

NHCSS012	12-20	9	10
NHCSS030	30-45	12	10
NHCSS035	35-50	12	10
NHCSS040	40-60	12	10
NHCSS050	50-70	12	10
NHCSS060	60-80	12	10



**NORMAFIX NORMETTA WORM DRIVE BAND  
 CONTINUOUS 30METRES COILS**

NWDB13	13mm	30M Coil
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**NORMA CLOSURE STAINLESS STEEL BUCKLE  
 FOR WORM DRIVE 13MM BAND  
 SUITABLE FOR APPLICATIONS IN TIGHT SITUATIONS**

NWDBB13	13mm	50
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**NORMA HOSE CLIPS**

CODE	CLAMPING RANGE (mm)	BAND WIDTH (mm)	PACK
<b>NORMA PIPE RETAINING CLAMPS</b>			
<b>Rubber lined</b>			
NPRC06	6mm x 6mm	15mm	10
NPRC10	6mm x 10mm	15mm	10
NPRC27	6mm x 27mm	15mm	10



**SCREWDRIVER FOR HEAVY DUTY CLAMPS**

NHDD8	Screwdriver for 15mm wide hose clamps
NHDD10	Screwdriver for 20mm wide hose clamps
NHDD13	Screwdriver for 25mm wide hose clamps



**NORMA HOSE CLIP FLEXDRIVER**

NHCS14	hose clip flexdriver 1/4" & 3/16" socket
NHCS67	hose clip flexdriver 6mm & 7mm socket



**NORMA HEAVY DUTY HOSE CLAMPS W4**

**Stainless steel band and bolts**

NHDCS017	17-19	18
NHDCS019	19-21	18
NHDCS021	21-23	18
NHDCS023	23-25	18
NHDCS025	25-27	18
NHDCS027	27-29	18
NHDCS029	29-31	18
NHDCS031	31-34	18
NHDCS034	34-37	18
NHDCS037	37-40	18
NHDCS040	40-43	18
NHDCS043	43-47	20
NHDCS047	47-51	20
NHDCS051	51-55	20
NHDCS055	55-59	20
NHDCS059	59-63	20
NHDCS063	63-68	20
NHDCS068	68-73	25
NHDCS073	73-79	25
NHDCS079	79-85	25
NHDCS085	85-91	25
NHDCS091	91-97	25
NHDCS097	97-104	25
NHDCS104	104-112	25
NHDCS112	112-121	25
NHDCS150	150-162	10
NHDCS162	162-174	10



**NORMA COBRA CLIPS W4**

NHCC13	13.5-15	100
NHCC14	14.5-16	100
NHCC15	15.5-17	100
NHCC17	17.5-19	100
NHCC18	18.5-20	100
NHCC19	19.5-21	100
NHCC21	21.5-24	100
NHCC22	22.5-24	100
NHCC28	28.5-30	100



NHT1	NORMA COBRA HAND TOOL - PRO
NHT2	NORMA COBRA HAND TOOL - ECONOMY



**MERCHANDISERS**

CODE

NHDCM

Contains x10each per bag: **W2 HEAVY DUTY HOSE CLAMPS**

NHDC017	NHDC019
NHDC021	NHDC023
NHDC025	NHDC027
NHDC029	NHDC031
NHDC034	NHDC037
NHDC040	NHDC043
NHDC047	NHDC051
NHDC055	NHDC059
NHDC063	NHDC068
NHDC073	NHDC079
NHDC085	NHDC091
NHDC097	NHDC104
NHDC112	

PRICE (\$)

YOUR  
PRICE \$



NHC135

Contains: 20 X NHCS008      20 X NHCS010  
 20 X NHCS012      15 X NHCS016  
 15 X NHCS020      15 X NHCS025  
 15 X NHCS035      15 X NHCS040



NHC420

Contains: 50 X NHCS008      40 X NHCS035  
 50 X NHCS010      30 X NHCS030  
 50 X NHCS012      20 X NHCS050  
 40 X NHCS016      10 X NHCS070  
 30 X NHCS020      10 X NHCS080  
 40 X NHCS025      10 X NHCS090  
 40 X NHCS030



NHC100

Contains: 12 X NHCS008      10 X NHCS010  
 10 X NHCS012      10 X NHCS016  
 8 X NHCS020      10 X NHCS025  
 10 X NHCS035      10 X NHCS040  
 1 X NHCS067 6/7mm flexdriver



**NORMAFIX STANDARD CABLE TIES - NYLON PA 6.6**

**Applications**

Electrical Installations, Industrial Wiring, Automative, Panel Building, Special Applications

Made exclusively of polyamide 6.6 so they do not interfere in electronic equipment. In the balck cable ties the added black gives UV resistance according to ISO 4892 (QUIV-B 150 hours) compared to 3 years of outdoor exposure under sunlight and UV action

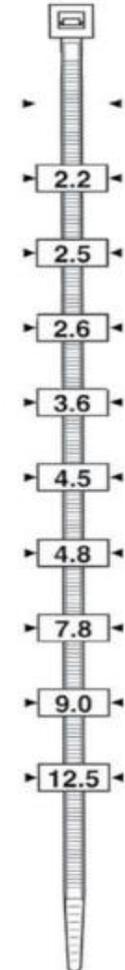
**Benefits** - Smooth rounded edges make then easier to handleand safer to install. Bent rounded tip allows easier insertion through the head of the cable ties. Low friction co-efficient of material.

**Characteristics Of Raw Material Polyamide 6.6**

Working temperature: -40°C+85°C  
Melting Temperature +110°C  
Tighting temperature -10°C+60°C  
Max admissible point +110°C



CODE	Description	Tensile Strength	
		Min. In Kgs	Pack Size
NCT2.5/100B	CABLE TIE 2.5 X 100MM BLACK	8 Kgs	100
NCT3.6/140B	CABLE TIE 3.5 X 140MM BLACK	13 Kgs	100
NCT3.6/200B	CABLE TIE 3.5 X 200MM BLACK	13 Kgs	100
NCT3.6/300B	CABLE TIE 3.6 X 300MM BLACK	13 Kgs	100
NCT4.8/200B	CABLE TIE 4.8 X 200MM BLACK	22 Kgs	100
NCT4.8/300B	CABLE TIE 4.8 X 300MM BLACK	22 Kgs	100
NCT4.8/400B	CABLE TIE 4.8 X 400MM BLACK	22 Kgs	25
NCT4.8/430B	CABLE TIE 4.8 X 430MM BLACK	55 Kgs	25
NCT7.2/200B	CABLE TIE 7.2 X 2000MM BLACK	55 Kgs	25
NCT7.6/250B	CABLE TIE 7.6 X 250MM BLACK	55 Kgs	25
NCT7.6/300B	CABLE TIE 7.6 X 300MM BLACK	55 Kgs	25
NCT7.6/380B	CABLE TIE 7.6 X 380MM BLACK	55 Kgs	25
NCT7.6/450B	CABLE TIE 7.6 X 450MM BLACK	55 Kgs	25
NCT12.6/500B	CABLE TIE 12.6 X 720MM BLACK	110 Kgs	50





**ACCESSORIES**

Code Description

**PRESSURE SWITCHES**

SDMPS SQUARE D MALE PRESSURE SWITCH 1.4-4.6 BAR

SDFPS SQUARE D FEMALE PRESSURE SWITCH 1.4-4.6BAR



**BIANCO PUMPZ FLOAT SWITCHES**

FS05 FLOAT SWITCH X 5 METRE LEAD

FS10 FLOAT SWITCH X 10 METRE LEAD



**PRESSCONTROL**

PC025L PRESSCONTROL X 1" BSP WITH LEADS

PC025CB CIRCUIT BOARD FOR 25MM PRESSCONTROL



**PRESSURE SWITCH CONTROL**

SC025 25MM PRESSURE SWITCH CONTROL



**HAND CLEANER**

MACL500 MACLEEN 500ML PUMP BOTTLE  
MACL01 MACLEEN 1LTR SQUIRT BOTTLE  
MACL05 MACLEEN 5LTR  
MACL20 MACLEEN 20LTR BULK  
MACL05P MACLEEN PUMP FOR 5LTR CONTAINER



**HAND SANITISER**

MACHS01 MACLON 1LTR HAND SANITISER  
MACHS500 MACLON 500ML HAND SANITISER



**COMPRESSION FITTINGS**

Suitable for High Density polythene pipe (Classes B, C & D)  
 Plus standard low density in 15mm - 40mm  
 Recommended working pressure: 12 bar - 174 psi

Materials:	Body & nut:	Polypropylene
	Locking ring & sleeve:	Acetal
	Sealing ring:	Nitrile rubber

All fittings should be tightened with a wrench

Code	Description
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**STRAIGHT COUPLING**

RXC15	15MM RX STRAIGHT COUPLING
RXC20	20MM RX STRAIGHT COUPLING
RXC25	25MM RX STRAIGHT COUPLING
RXC32	32MM RX STRAIGHT COUPLING
RXC40	40MM RX STRAIGHT COUPLING
RXC50	50MM RX STRAIGHT COUPLING



**MALE COUPLING**

RXMC15	15MM RX MALE COUPLER
RXMC20	20MM RX MALE COUPLER
RXMC25	25MM RX MALE COUPLER
RXMC32	32MM RX MALE COUPLER
RXMC40	40MM RX MALE COUPLER
RXMC50	50MM RX MALE COUPLER



**FEMALE COUPLING**

RXFC15	15MM RX FEMALE COUPLER
RXFC20	20MM RX FEMALE COUPLER
RXFC25	25MM RX FEMALE COUPLER
RXFC32	32MM RX FEMALE COUPLER
RXFC40	40MM RX FEMALE COUPLER
RXFC50	50MM RX FEMALE COUPLER



**EQUAL TEE**

RXTE15	15MM RX TEE
RXTE20	20MM RX TEE
RXTE25	25MM RX TEE
RXTE32	32MM RX TEE
RXTE40	40MM RX TEE
RXTE50	50MM RX TEE



## COMPRESSION FITTINGS

Suitable for High Density polythene pipe (Classes B, C & D)  
Plus standard low density in 15mm - 40mm  
Recommended working pressure: 12 bar - 174 psi

Materials:	Body & nut:	Polypropylene
	Locking ring & sleeve:	Acetal
	Sealing ring:	Nitrile rubber

All fittings should be tightened with a wrench

Code	Description
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### FEMALE TEE

RXFT15	15MM RX FEMALE TEE
RXFT20	20MM RX FEMALE TEE
RXFT25	25MM RX FEMALE TEE
RXFT32	32MM RX FEMALE TEE
RXFT40	40MM RX FEMALE TEE
RXFT50	50MM RX FEMALE TEE



### FEMALE ELBOW

RXFE15	15MM RX FEMALE ELBOW
RXFE20	20MM RX FEMALE ELBOW
RXFE25	25MM RX FEMALE ELBOW
RXFE32	32MM RX FEMALE ELBOW
RXFE40	40MM RX FEMALE ELBOW
RXFE50	50MM RX FEMALE ELBOW



### ELBOW

RXE15	15MM RX ELBOW
RXE20	20MM RX ELBOW
RXE25	25MM RX ELBOW
RXE32	32MM RX ELBOW
RXE40	40MM RX ELBOW
RXE50	50MM RX ELBOW



### MALE ELBOW

RXME15	15MM RX MALE ELBOW
RXME20	20MM RX MALE ELBOW
RXME25	25MM RX MALE ELBOW



**SPARE PARTS FOR COMPRESSION FITTINGS**

<b>Materials:</b>	<b>Body &amp; nut:</b>	<b>Polypropylene</b>
	<b>Locking ring &amp; sleeve:</b>	<b>Acetal</b>
	<b>Sealing ring:</b>	<b>Nitrile rubber</b>

Code	Description
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**O RING**

RXOR15	15MM RX O RING
RXOR20	20MM RX O RING
RXOR25	25MM RX O RING
RXOR32	32MM RX O RING
RXOR40	40MM RX O RING
RXOR50	50MM RX O RING



**NUT**

RXB15	15MM BACKNUT
RXB20	20MM BACKNUT
RXB25	25MM BACKNUT
RXB32	32MM BACKNUT
RXB40	40MM BACKNUT
RXB50	50MM BACKNUT



**LOCKING RING**

RXLR15	15MM RX LOCKING RING
RXLR20	20MM RX LOCKING RING
RXLR25	25MM RX LOCKING RING
RXLR32	32MM RX LOCKING RING
RXLR40	40MM RX LOCKING RING
RXLR50	50MM RX LOCKING RING



**SLEEVE**

RXSL15	15MM RX SLEEVE
RXSL20	20MM RX SLEEVE
RXSL25	25MM RX SLEEVE
RXSL32	32MM RX SLEEVE
RXSL40	40MM RX SLEEVE
RXSL50	50MM RX SLEEVE



**TAPPING SADDLES AND WATER METERS**

Code Description

**RX TAPPING SADDLES**

To fit LDPE & PVC

RXTS2015	20MM X 15MM RX TAPPING SADDLE
RXTS2020	20MM X 20MM RX TAPPING SADDLE
RXTS2515	25MM X 15MM RX TAPPING SADDLE
RXTS2520	25MM X 20MM RX TAPPING SADDLE
RXTS3215	32MM X 15MM RX TAPPING SADDLE
RXTS3220	32MM X 20MM RX TAPPING SADDLE



RXTS4015	40MM X 15MM RX TAPPING SADDLE
RXTS4020	40MM X 20MM RX TAPPING SADDLE
RXTS4025	40MM X 25MM RX TAPPING SADDLE
RXTS4032	40MM X 32MM RX TAPPING SADDLE
RXTS5015	50MM X 15MM RX TAPPING SADDLE
RXTS5020	50MM X 20MM RX TAPPING SADDLE
RXTS5025	50MM X 25MM RX TAPPING SADDLE
RXTS5032	50MM X 32MM RX TAPPING SADDLE



**WATER METERS**

Code Description

Manual read

WM15	Water Meter 15mm
WM20	Water Meter 20mm
WM25	Water Meter 25mm
WM32	Water Meter 32mm
WM40	Water Meter 40mm
WM50	Water Meter 50mm
WM50F	Water Meter 50mm Flanged Table D/E



Meters with EV are magnetic drive with EV pulse to comply with most NZ regional councils requiring meters capable of data logging or telemetry output  
Meters have threaded tails

WMB20EV	20mm Water Meter with Leads
WMB25EV	25mm Water Meter with Leads
WMB32EV	32mm Water Meter with Leads
WMB40EV	40mm Water Meter with Leads
WMB50EV	50mm Water Meter with Leads
WMB50EVF	50mm water meter flanged. EV leads to 10 L/P



**THREADSEALS, DRUM TAPS, CIP EMERKIT**

Code Description

**CEELON PTFE THREADSEAL TAPE**

CT12R	24 ROLLS CEELON 10M X 12MM X .075MM
CT12RO	240 ROLLS CEELON 10M X 12MM X.075MM
CT18B	16 ROLLS CEELON 12M X 18MM X .075MM
CT18BO	160 ROLLS CEELON 12M X 18MM X.075MM
CT24G	16 ROLLS CEELON 12M X 24MM X .075MM
CT24GO	160 ROLLS CEELON 12MX24MM X .075MM



**UNASCO HIGH DENSITY TEFLON THREADSEAL TAPE**

TST1210	THREADSEAL TAPE 12MM X 10M X .076MM (10PACK)
TST1230	THREADSEAL TAPE 12MM X 30M X .076MM (10PACK)
TST1912	THREADSEAL TAPE 19MM X 12M X .076MM (10PACK)



**LOXEAL LIQUID THREADSEALANT**

Anaerobic curing adhesive for sealing of metal thread joints  
 Temperature range -50°C to +150°C

LX5811	LOXEAL LIQUID THREADSEAL 50ML
LX5811D	LOXEAL LIQUID THREADSEALANT 50ML X 10
LOX1810	LOXEAL REMOVABLE THREADSEAL 50ML



**ITAP LIQUID THREADSEALANT**

ITAPTS	ITAP THREAD SEAL 75ML	1 tube
ITAPTS100	ITAP THREAD SEAL 100ML	1 tube



**CIP EMERKIT**

Highly versatile two-part epoxy resin in easy to use stick form  
 Hand mouldable, bonds to wet or dry surfaces, seals leaks, insulates and sets like concrete  
 Industrial packs containing 8 pairs of sticks

EMERKIT	EPOXY RESIN INDUSTRIAL PACK - 8 PRS
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**LEATHER PUMP WASHERS**

Premium quality bark tan leather

Code	Description
LW037512	3/8" LEATHER CUP WASHER
LW075012	3/4" LEATHER CUP WASHER
LW087512	7/8" LEATHER CUP WASHER
LW100012	1" LEATHER CUP WASHER
LW112512	1 1/8" LEATHER CUP WASHER
LW125012	1 1/4" LEATHER CUP WASHER
LW137512	1 3/8" LEATHER CUP WASHER
LW150012	1 1/2" LEATHER CUP WASHER
LW150058	1 1/2" LEATHER CUP WASHER - 5/8" HOLE
LW162512	1 5/8" LEATHER CUP WASHER
LW175012	1 3/4" LEATHER CUP WASHER
LW175058	1 3/4" LEATHER CUP WASHER - 5/8"HOLE
LW187512	1 7/8" LEATHER CUP WASHER
LW200012	2" LEATHER CUP WASHER
LW212512	2 1/8" LEATHER CUP WASHER
LW225012	2 1/4" LEATHER CUP WASHER
LW237512	2 3/8" LEATHER CUP WASHER
LW237558	2 3/8" LEATHER CUP WASHER - 5/8" HOLE
LW250012	2 1/2" LEATHER CUP WASHER
LW262512	2 5/8" LEATHER CUP WASHER
LW275012	2 3/4" LEATHER CUP WASHER
LW275058	2 3/4" LEATHER CUP WASHER - 5/8" HOLE
LW287512	2 7/8" LEATHER CUP WASHER
LW300012	3" LEATHER CUP WASHER
LW300034	3" LEATHER CUP WASHER - 3/4" HOLE
LW300058	3" LEATHER CUP WASHER - 5/8" HOLE
LW325012	3 1/4" LEATHER CUP WASHER
LW325012	3 1/4" LEATHER CUP WASHER
LW337512	3 3/8" LEATHER CUP WASHER
LW350012	3 1/2" LEATHER CUP WASHER x 1/2"
LW362512	3 5/8" LEATHER CUP WASHER
LW375012	3 3/4" LEATHER CUP WASHER
LW387512	3 7/8" LEATHER CUP WASHER
LW400012	4" LEATHER CUP WASHER
LW450012	4 1/2" LEATHER CUP WASHER



**STUB DRILLS**

Double ended stub drills

DESD	DOUBLE ENDED STUB DRILL 3.3MM X 30
DESD41	DOUBLE ENDED STUB DRILL 4.1MM X 10



**POLYWASHERS**

POLY15	15MM POLYWASHER
POLY20	20MM POLYWASHER
POLY25	25MM POLYWASHER
POLY32	32MM POLYWASHER
POLY40	40MM POLYWASHER
POLY50	50MM POLYWASHER



**PVS SLOTTED SANDSCREENS, GALVANISED PIPE SADDLES,  
 PRESSURE GAUGES, VACUUM GAUGES**

Code Description

**PVC SLOTTED SANDSCREENS**

Includes valve socket and end cap (with 0.5 slots at 6mm spacings)

PSF20M	20MM PVC SLOTTED SAND SCREEN
PSF25M	25MM PVC SLOTTED SAND SCREEN
PSF32M	32MM PVC SLOTTED SAND SCREEN
PSF40M	40MM PVC SLOTTED SAND SCREEN
PSF50M	50MM PVC SLOTTED SAND SCREEN
PSF65	65MM PVC SLOTTED SAND SCREEN
PSF80	80MM PVC SLOTTED SAND SCREEN
PSF100	100MM PVC SLOTTED SAND SCREEN



**GALVANISED PIPE SADDLES**

GPS015	15MM GALV PIPE SADDLE
GPS020	20MM GALV PIPE SADDLE
GPS025	25MM GALV PIPE SADDLE
GPS032	32MM GALV PIPE SADDLE
GPS040	40MM GALV PIPE SADDLE
GPS050	50MM GALV PIPE SADDLE
GPS065	65MM GALV PIPE SADDLE
GPS080	80MM GALV PIPE SADDLE
GPS100	100MM GALV PIPE SADDLE



**PRESSURE GAUGES**

63mm dial  
 Bottom entry  
 Glycerine filled

PG80	0-80 PSI (600 KPA) PRESSURE GAUGE
PG150	0-150 PSI (1000 KPA) PRESSURE GAUGE
PG250	0-250 PSI (1600 KPA) PRESSURE GAUGE
PG350	0-350 PSI (2500 KPA) PRESSURE GAUGE
PG35	0 - 35 PSI PRESSURE GAUGE



**VACUUM GAUGE**

90mm dial  
 Chrome-plated  
 Fully adjustable  
 3/8" adapter

VG100	VACUUM GAUGE 0 TO 100KPA
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**PIPE CUTTERS & SAWS**

Replaceable high carbon Teflon coated steel blade  
Tough, durable nylon handles  
Clean burr-free cut  
SS200 has stainless steel blade

Code Description

**KwikCut Pipe Cutters**

T135 PIPE CUTTER - MEDIUM ORANGE  
SS200 PIPE CUTTER - LARGE S/S BLADE - SPRING LOADED  
SL200 PIPE CUTTER - LARGE S/S BLADE



**Spare Blades KwikCut Range**

BT135 PIPE CUTTER BLADE - MEDIUM  
SSB200 PIPE CUTTER BLADE - LARGE S/S

**Macflo Pipe Cutters**

R125 MACFLO RATCHET PIPE CUTTER 20mm to 63mm  
MSS200 MACFLO PIPE CUTTER - LARGE S/S BLADE 50mm



**Spare Blades Macflo Range**

BR125 MACFLO RATCHET REPLACEMENT BLADE  
MSSB200 PIPE CUTTER 50MM BLADE ONLY - MSS200

**HAND SAW**

GS09 9" PVC/ABS HAND SAW  
GS13 13" PVC/ABS hand saw



**REPLACEMENT BLADES**

BGS9 9" HAND SAW REPLACEMENT BLADE  
BGS13 13" HAND SAW REPLACEMENT BLADE

**WIRE ROPE SAW**

RS32 32" WIRE ROPE SAW



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**PAN SCREWS AND TAPE**

Code Description

**TOILET PAN SCREWS**

Brass:

TPS TOILET PAN SCREW SET - Brass Screws



**STAINLESS WASHERS**

304 stainless steel X .09mm

SW020 20mm Stainless Steel Washers  
SW025 25mm Stainless Steel Washers  
SW032 32mm Stainless Steel Washers  
SW040 40mm Stainless Steel Washers  
SW050 50mm Stainless Steel Washers  
SW065 65mm Stainless Steel Washers  
SW080 80mm Stainless Steel Washers  
SW100 100mm Stainless Steel Washers



**RUBBER WASHERS**

IW15 15mm IW Rubber Washer  
IW20 20mm IW Rubber Washer  
IW25 25mm IW Rubber Washer  
IW32 32mm IW Rubber Washer  
IW40 40mm IW Rubber Washer  
IW50 50mm IW Rubber Washer  
IW65 65mm IW Rubber Washer  
IW80 80mm IW Rubber Washer  
IW100 100mm IW Rubber Washer

