

CONTENTS

DESCRIPTION	PAGE NO
SECTION 1:	Section 1:
Anka Cold Fit Polythene Pipe Fittings	
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	
SECTION 2:	Section 2:
Metric OD Fittings	
Philmac 3G compression fittings	1-4
Philmac tapping saddles	4
Philmac collet & seal kits	
Philmac spanners	
Philmac transition fittings	5-6
Philmac rural fittings	6
Macflo® MDPE pipe fittings	7-10
Macflo® Tapping saddles	11
Strap Wrench	
Pipe Reamer	
SECTION 3:	Section 3:
Stainless Steel Pipe Fittings	
Pipe fittings and goosenecks	1-4
SECTION 4:	Section 4:
Threaded Fittings	
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
SECTION 5:	Section 5:
Valves	
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	
Macflo® Nylon T-handle ball valve	5
Europa check valves	

DESCRIPTION	PAGE NO
SECTION 5: continued	Section 5:
Footvalve screens	5
Gate valves, f/f, m/f, m/m	6
Bronze foot valve	
Ball hose taps	7
Mini ball valves	
Angle hose tap	
Air bleed and drain valves	
Pressure reducing valves	8
L & T port ball valves	9
Air vent valve	
Kitz swing check valves	10
Brass swing check valves	
Macflo® s/s check valves	
Macflo® cast iron ball check valve	
Double union PVC ball valves	11
Macflo® Compact PVC ball valves	
Philmac ball and check valves	
Philmac air release valve	
Macflo® PVC double union check valve	12
Macflo® Micro isolating valve	
Dishwasher taps	
Duplex washing machine tap	
Brass garden hose taps	
Cistern taps	13
Plastic drum tap	
Dairy cock and spares	
Anka spring check valves	14
Foot valve screens	
Anka vacuum break valve	
Macflo® PVC slide valve	15
PVC slide valve	
SECTION 6: Trough Valves	Section 6:
Philmac brass full flow	1
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™	
SECTION 7: Tank Fittings	Section 7:
PVC up to 100mm	1
Skin fitting, m/f and brass	2
PVC adaptor	

DESCRIPTION	PAGE NO
SECTION 8:	Section 8:
Filters	
Irritec polypropylene	1
Macflo® inline filters	
Polypropylene inline filters	2
Replacement screens	
Brass Y	
Azud polypropylene inline filters	3
SECTION 9:	Section 9:
Camlocks	
Aluminium for MDPE (Effluent)	1
Aluminium economy	2-3
Polypropylene	3-4
Stainless Steel	5-6
Aluminium for (Effluent)	6-7
SECTION 10:	Section 10:
Hoses	
PVC washdown hose	1
Agricultural spray hose	
Non-toxic pressure flex	
PVC suction hose	2
Layflat hose	
Stainless steel flexible hoses	3
SECTION 11:	Section 11:
NORMA Clips and Clamps	
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
SECTION 12:	Section 12:
Accessories	
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
Handsaw	
Wire rope saw	
Toilet pan screws	10
Macflo® Compact ball valves	
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
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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
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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
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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
ATR3220	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
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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
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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
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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
AHT2520	1" BSP x 20mm Hose Tail
AHT32	1¼" BSP x 32mm Hose Tail
AHT3225	1¼" BSP x 25mm Hose Tail
AHT40	1½" BSP x 40mm Hose Tail
AHT4032	1½" BSP x 32mm Hose Tail
AHT50	2" BSP x 50mm 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



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
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ANKA INLINE NOZZLE

Glass reinforced nozzle

AHN20	20mm In-Line Nozzle
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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
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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
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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	20mm 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



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
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



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
PHFC2525	25mm x 1" Philmac 3G female coupling
PHFC32	32mm x 1" Philmac 3G female coupling
PHFC3232	32mm x ¼" 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



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

PHEL20	20mm Philmac 3G elbow
PHEL25	25mm Philmac 3G elbow
PHEL32	32mm Philmac 3G elbow
PHEL40	40mm Philmac 3G elbow
PHEL50	50mm Philmac 3G elbow
PHEL63	63mm Philmac 3G elbow
PHEL75	75mm Philmac 3G elbow
PHEL90	90mm Philmac 3G elbow
PHEL110	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



FEMALE TEES

PHFT2020	20mm x ¾" Philmac 3G female tee
PHFT20	20mm x ½" Philmac 3G female tee
PHFT2515	25mm x ½" Philmac 3G female tee
PHFT25	25mm x ¾" Philmac 3G female tee
PHFT2525	25mm x 1" Philmac 3G female tee
PHFT3220	32mm x ¾" Philmac 3G female tee
PHFT32	32mm x 1" Philmac 3G female tee
PHFT3232	32mm x 1¼" Philmac 3G female tee
PHFT40	40mm x 1¼" Philmac 3G female tee
PHFT4040	40mm x 1½" Philmac 3G female tee
PHFT50	50mm x 1½" 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

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



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



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
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

CODE	DESCRIPTION
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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



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



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 TRANSITION FITTINGS
POLYPROPYLENE BLACK
Max pressure rating PN 12.5

CODE DESCRIPTION

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 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 DOUBLE ENDED ELBOW

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

PHTT15.21	Philmac Transition Tee 15-21 mm
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PHILMAC METRIC TRANSITION FITTINGS
POLYPROPYLENE BLACK
 Max pressure rating PN 12.5

CODE DESCRIPTION

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



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
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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
MFC4040	40mm x 1½" 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
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
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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 3/4" 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
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 PIPE REAMER

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
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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



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

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
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REDUCING MALE COUPLING

SRMC1520	15 x 20mm reducing male coupling
SRMC2015	20 x 15mm reducing male coupling
SRMC2025	20 x 25mm reducing male coupling
SRMC2520	25 x 20mm reducing male coupling
SRMC2532	25 x 32mm reducing male coupling
SRMC3220	32 x 20mm reducing male coupling
SRMC3225	32 x 25mm reducing male coupling
SRMC4032	40 x 32mm reducing male coupling
SRMC5040	50 x 40mm reducing male coupling

Other sizes may be available on request



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



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
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REDUCING MALE BENDS

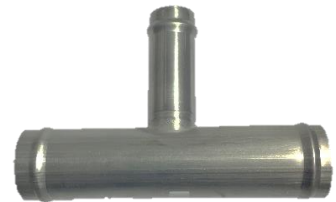
SRMB2015	20 x 15mm reducing male bend
SRMB2025	20 x 25mm reducing male bend
SRMB2520	25 x 20mm reducing male bend
SRMB2532	25 x 32mm reducing male bend
SRMB3225	32 x 25mm reducing male bend

Other sizes may be available on request



REDUCING TEE

SRT2025	20 X 25mm reducing tee
SRT2515	25 X 15mm reducing tee
SRT2520	25 X 20mm reducing tee
SRT2532	25 X 32mm reducing tee
SRT3220	32 X 20mm reducing tee
SRT3225	32 x 25mm reducing tee
SRT4015	40 x 15mm reducing tee
SRT4020	40 x 20mm reducing tee
SRT4025	40 x 25mm reducing tee
SRT4032	40 x 32mm reducing tee
SRT5032	50 x 32mm reducing tee
SRT5040	50 x 40mm reducing tee



Other sizes of stainless steel fittings can be made to order

BRACKET ELBOWS

SBE15	15mm bracket elbow
SBE20	20mm bracket elbow
SBE2015	20 x 15mm s/s red bracket elbow
SRBE1520	15 x 20mm s/s red bracket elbow



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
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TROUGH FILLERS

(Goosenecks)

STAINLESS RINGS INCLUDED

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



GOOSENECK ADAPTORS

No Longer Available in 20mm & 25mm

GA32	32mm gooseneck adaptor
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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
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REDUCING HEX NIPPLES

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
PHRS6550	65 X 50MM PHILMAC RED HEX SOCKET	1
PHRS8065	80 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
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REDUCING BRUSHES

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
FEMALE THREADED TEES		
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
PHPR151200	15 X 1200MM 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

SSRB1508	15 X 8MM 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

SSSO08	8MM 316 S/S SOCKET
SSSO15	15MM 316 S/S SOCKET
SSSO20	20MM 316 S/S SOCKET
SSSO25	25MM 316 S/S SOCKET
SSSO32	32MM 316 S/S SOCKET
SSSO40	40MM 316 S/S SOCKET
SSSO50	50MM 316 S/S SOCKET
SSSO65	65MM 316 S/S SOCKET
SSSO80	80MM 316 S/S SOCKET



STAINLESS STEEL THREADED FITTINGS

316 Stainless Steel

CODE	DESCRIPTION
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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
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
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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
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
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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
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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



SEALING GROMMETS

GR19	19mm GROMMET DOUBLE FLANGED
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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.



FOR EFFICIENT CONNECTIONS TO
PVC & PE PIPE



GR34 (19MM)

BRASS FITTINGS

CODE	DESCRIPTION	SIZE (mm)
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REDUCING BUSHES

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
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



LUG NIPPLE

BLN15	15MM BRASS LUG NIPPLE	15
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BRASS FITTINGS

CODE	DESCRIPTION	SIZE (mm)
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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 BRACKET 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



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 x15



MALE EXTENSION BRACKET ELBOW

BBE15M	15MM BRASS CROX ELBOW MALE	15
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BRASS FITTINGS

CODE	DESCRIPTION	SIZE (mm)
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CROX BRACKET ELBOW

BBE15C	15MM BRASS CROX BRACKET ELBOW	15
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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
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)
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FEMALE THREADED TEES

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



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)

FEMALE/FEMALE

BUF15	15MM BRASS UNION FEMALE
BUF20	20MM BRASS UNION FEMALE
BUF25	25MM BRASS UNION FEMALE



MALE/FEMALE

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)
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BARRELL NIPPLES

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 155



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

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
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



Y CONNECTOR

NYS03	3MM 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

CODE

NRMC0806	NORMA REDUCING MALE 1/4" X 6MM
NRMC0808	NORMA REDUCING MALE 1/4" X 8MM
NRMC0810	NORMA REDUCING MALE 1/4" X 10MM
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
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MALE BEND

NWES0808	NORMA MALE BEND 1/4" X 8MM TAIL
NWES0810	NORMA MALE BEND 1/4" X 10MM 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

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



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

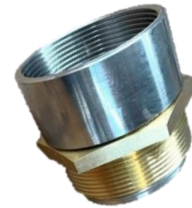
CODE	DESCRIPTION
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M/F SWIVEL ADAPTER

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
GAC3250	32 X 50MM 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
GACR50	50MM GALV A CLAMP CROSS

GALVANISED PIPE FITTINGS

CODE	DESCRIPTION
HEX NIPPLE	
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



SOCKETS	
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



TEE'S	
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



COUPLINGS	
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
GRB3208	32 X 8MM 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



CODE	DESCRIPTION
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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
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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)

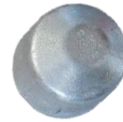
GWB06	6MM GALV WROUGHT BEND
GWB08	8MM GALV WROUGHT BEND
GWB10	10MM GALV WROUGHT BEND
GWB15	15MM GALV WROUGHT BEND
GWB20	20MM GALV WROUGHT BEND
GWB25	25MM GALV WROUGHT BEND
GWB32	32MM GALV WROUGHT BEND
GWB40	40MM GALV WROUGHT BEND
GWB50	50MM GALV WROUGHT BEND
GWB65	65MM GALV WROUGHT BEND
GWB80	80MM GALV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



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
THREAD SIZE 8MM	
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
THREAD SIZE 10MM	
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
THREAD SIZE 15MM	
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

THREAD SIZE 20MM

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



THREAD SIZE 25MM

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
THREAD SIZE 32MM	
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



THREAD SIZE 40MM	
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
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



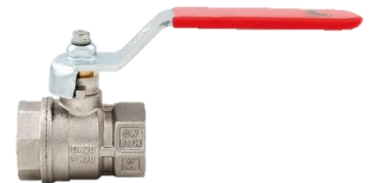
ITAP BALL VALVES - STANDARD BSP THREAD

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

068015	15mm Itap Gas Ball Valve Tee Handle	72.5
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

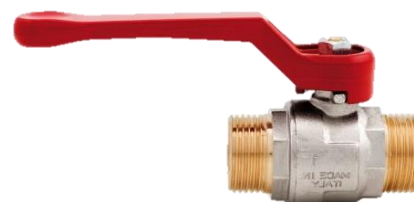
Minimum and Maximum working temperatures: -10°C - 95°C

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



SHORT THREAD, LEVER HANDLE FLAT, MALE/MALE

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	Macflo 1' x 20mm Right Angle Ball Valve
320025	Macflo 1' x 25mm 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

SBV8	08mm S/Steel 2-Piece Ball Valve
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



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



EUROPA BRASS SPRING CHECK VALVES

Brass plunger

Nitrilic rubber seat

Stainless steel spring

Max working temp 110°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 Stainless Steel - or Polymer up to 50mm

Nylon threaded

CODE	DESCRIPTION
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



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



BRASS GATE VALVES

Cast handle 200lbs PSI
 Heavy duty brass

CODE	DESCRIPTION
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FEMALE/FEMALE

Cast handle 200lbs PSI
 Heavy duty brass

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



HOSE TAPS, VALVES AND TAPS

CODE DESCRIPTION

ITAP BALL HOSE TAPS

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



MINI BALL VALVES

Red Handle:

ITAPM6F	6mm Mini Ball Valve F/F
ITAPM6MF	6mm Mini Ball Valve M/F
ITAPM8F	8mm Mini Ball Valve F/F
ITAPM8MF	8mm Mini Ball Valve M/F
ITAPM10F	10mm Mini Ball Valve F/F
ITAPM10MF	10mm Mini Ball Valve M/F
ITAPM15F	15mm Mini Ball Valve F/F
ITAPM15MF	15mm Mini Ball Valve M/F
ITAPM20F	20mm Mini Ball Valve F/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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ANGLE HOSE TAP

ITAP15AT	15mm Angle Hose tap
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THREE WAY TAP

ITAP15W	15mm Washing Machine Tap
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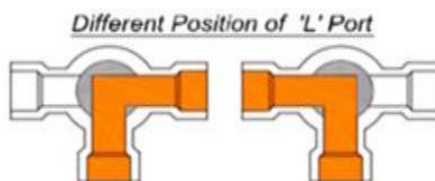
AIR BLEED VALVE

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

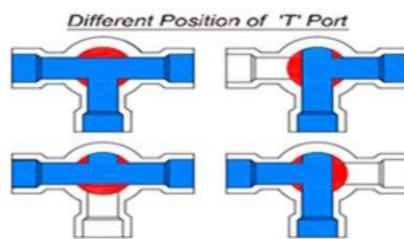


THREE-WAY BALL VALVE & ITAP AUTOMATIC AIR VENT VALVE

CODE	DESCRIPTION	PSI
THREE WAY BALL VALVE: L-PORT		
Large bore		
Heavy type		
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



THREE WAY BALL VALVE: T-PORT		
Large bore		
Heavy type		
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



ITAP AUTOMATIC AIR VENT VALVE		
ITAP10AV	10mm Air Vent Valve	230
ITAP15AV	15mm Air Vent Valve	230



CHECK VALVES, BALL VALVES AND RELEASE VALVES

CODE	DESCRIPTION
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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

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



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 CHECK VALVES

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

316 stainless steel spring, Nitrile rubber seat

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



PHILMAC AIR RELEASE VALVE

BSP female thread, Glass-filled nylon body, Nitrile rubber seat

PHARV 25mm Philmac Air Release Valve



CODE DESCRIPTION

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



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



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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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



CISTERN TAPS

CODE	DESCRIPTION
BBV15CTC	15mm Cistern Tap - Ceramic Seat
BBV15CTCR	15mm Cistern Tap - Ceramic Seat Red Handle



ITAP15CTA	15mm Cistern Tap Plus x1 400mm Long Flexi Hose
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PLASTIC DRUM TAPS

PT20	20mm Drum Tap
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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
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- 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

**ANKA SPRING CHECK VALVES, FOOT VALVE SCREENS AND
ANKA VACUUM BREAK VALVE**

CODE	DESCRIPTION
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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



ANKA VACUUM BREAK VALVE

Glass reinforced nylon

AVB25	25mm Vacuum Break Valve
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PVC SLIDE VALVE

CODE	DESCRIPTION
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MACFLO® PVC SLIDE VALVE

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

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



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

Short Arm Float Valve

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

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
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PHILMAC COMPACT TROUGH VALVE WITH HIGH DEMAND

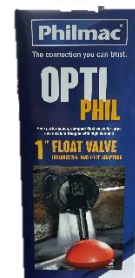
MAX FLOW 847L/Min

WORKING PRESSURE -10 / 1200KPA

PHOP	PHILMAC OPTIPHIL 20/32MM FLOAT VALVE inc FLOAT
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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

CODE	DESCRIPTION
BFB115	115mm Black Ballfloat
BFO115	115mm Orange Ballfloat
BFB150	150mm Black Ballfloat
BFO150	150mm Orange Ballfloat
BFC115	115mm Copper Ballfloat
BFC150	150mm Copper Ballfloat
BFC225	225mm Copper Ballfloat
SFB150	316 Stainless Steel 150mm Ballfloat



FLOAT VALVE SPARE PARTS

BA69	Full Flow Threaded Arm
BA72	Full Flow Threaded Arm with Cord
BA220	Hi Lo Threaded Arm
BA225	Hi Lo Threaded Arm with 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
FFBP	Full flow Float Valve brass plunger
FFVSW	Full flow Float Valve washer
CP	Brass Cotter Pin
OR	Full flow Float Valve Plunger O Ring
PHPI	Philmac Pin
PHSK	Philmac Service Kit (plunger, cap and washer)
BWRC	Full flow ballcock washer retaining cap
SCP	Stainless Steel Cotter Pin
PHBTA	Philmac adapter for 200mm ballfloats
PHPN69A	Philmac Versa-Phil Lever Arm 300mm
PHPN69SA	Philmac Versa-Phil Lever Arm 165mm
PHPN69P	Versa-Phil Pivot Pin
PHPN69W	Versa-Phil Seat washer
PHPN69SK	Versa-Phil Service kit



CODE DESCRIPTION

PHILMAC FLOAT VALVE RIG

PFVR Philmac Float Valve Rig

Philmac Foot Valves and floats to be purchased separately



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

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



TANK LEVEL INDICATOR

Orange ball floats

Stainless steel rod

MWLI Water tank level indicator (Visiball)

MWLIEXT 1m Extension tube for water tank level indicator



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



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

MVTF020100	20mm PVC tank fitting x 100mm
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

MVNU015	15mm 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
MTF50	50mm 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
PF20050P	¾" filter with 50 mesh poly 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
PF25050P	1" filter with 50 mesh poly 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
PFS20/25050P	20/25MM 50 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

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.

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.

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



Y FILTER SCREENS

YF40S	40mm Itap Screen for Y Filter
YF50S	50mm Itap Screen for Y Filter



AZUD POLYPROPYLENE IN LINE FILTERS

CODE	DESCRIPTION
AZPF20075S	20MM filter with S/S 75 mesh screen
AZPF20120S	20MM filter with S/S 120 mesh screen
AZPF20150S	20MM filter with S/S 150 mesh screen
AZPF25075S	25MM filter with S/S 75 mesh screen
AZPF25120S	25MM filter with S/S 120 mesh screen
AZPF25150S	25MM filter with S/S 150 mesh screen
AZPF32075S	32MM filter with S/S 75 mesh screen
AZPF32120S	32MM filter with S/S 120 mesh screen
AZPF32150S	32MM filter with S/S 150 mesh screen
AZPF40075S	40MM filter with S/S 75 mesh screen
AZPF40120S	40MM filter with S/S 120 mesh screen
AZPF40150S	40MM filter with S/S 150 mesh screen
AZPF50075S	50MM filter with S/S 75 mesh screen
AZPF50120S	50MM filter with S/S 120 mesh screen
AZPF50150S	50MM filter with S/S 150 mesh screen

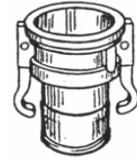


CAMLOCKS

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
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
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
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
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
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
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
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
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
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

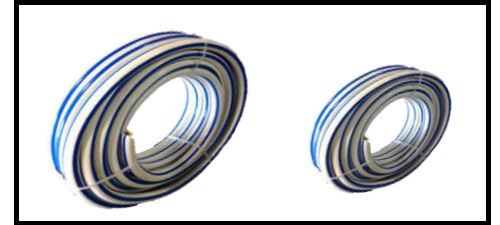
High quality, excellent UV resistance, 10 bar rated

Inner core: black PVC with smooth finish

Reinforcing: high tensity polyester yarn

Outer cover: UV stabilised PVC with ribbed finish

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

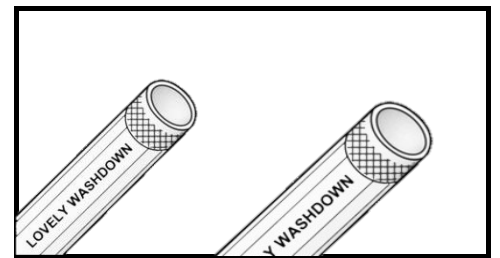


PVC WASHDOWN HOSE

High quality

10 bar rated

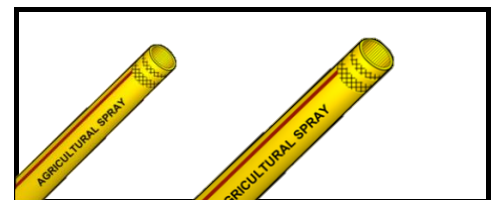
CODE	DESCRIPTION
30m rolls	
HWD25	25MM WASHDOWN HOSE
HWD32	32MM WASHDOWN HOSE
20m rolls	
HWD40	40MM WASHDOWN HOSE



AGRICULTURAL SPRAY HOSE

600 psi

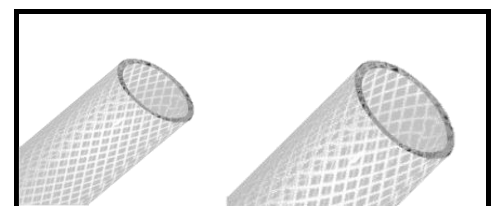
CODE	DESCRIPTION
HAS10	10MM AGRICULTURAL SPRAY HOSE X 100mm
HAS13	13MM AGRICULTURAL SPRAY HOSE X 100mm



NON TOXIC PRESSUREFLEX

Service temp: -5°C to 60°C

CODE	DESCRIPTION
HNTPO08	8MM PRESSUREFLEX
HNTPO10	10MM PRESSUREFLEX
HNTPO13	13MM PRESSUREFLEX
HNTPO16	16MM PRESSUREFLEX
HNTPO20	20MM PRESSUREFLEX
HNTPO25	25MM PRESSUREFLEX



HOSE

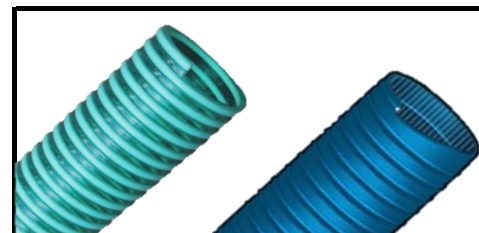
PVC SUCTION HOSE

Green PVC spiral reinforced

Service temp: 5°C to 60°C

For light duty suction and discharge of water in agricultural use

CODE	DESCRIPTION
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

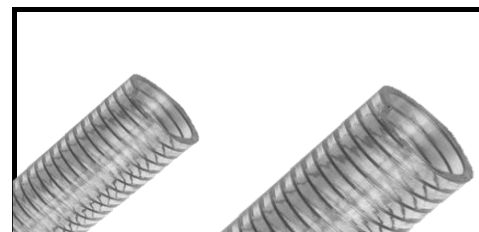


Clear non-toxic steel spiral reinforced

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 300MM FLEXIBLE HOSE M/F
SFH200800	3/4" X 300MM FLEXIBLE HOSE M/F
SFH201000	3/4" X 300MM 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	2 1/4" x 800MM FLEXIBLE HOSE M/F
SFH321000	3 1/4" x 1000MM FLEXIBLE HOSE M/F
SFH400500	1 1/2' X 500MM FLEXIBLE HOSE M/F
SFH400800	2 1/2' X 800MM FLEXIBLE HOSE M/F
SFH401000	3 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
SFW15	WASHER FOR 15MM FLEXIBLE HOSE
SFW20	WASHER FOR 20MM FLEXIBLE HOSE
SFW25	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 75 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
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NORMA STAINLESS STEEL HOSE CLIPS W3

All stainless steel

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
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NORMA PIPE RETAINING CLAMPS

Rubber lined

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

NHCSD14	hose clip flexdriver 1/4" & 3/16" socket
NHCSD67	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
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: 4 X NHDC017	4 X NHDC021
4 X NHDC027	4 X NHDC029
4 X NHDC031	4 X NHDC034
4 X NHDC037	4 X NHDC040
4 X NHDC043	4 X NHDC047
4 X NHDC051	4 X NHDC055
4 X NHDC059	4 X NHDC063
4 X NHDC068	3 X NHDC073
3 X NHDC079	3 X NHDC085
3 X NHDC104	3 X NHDC112



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 flexidriver



NORMAFIX STANDARD CABLE TIES - NYLON PA 6.6

Applications

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

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

Benefits - Smooth rounded edges make them easier to handle and 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

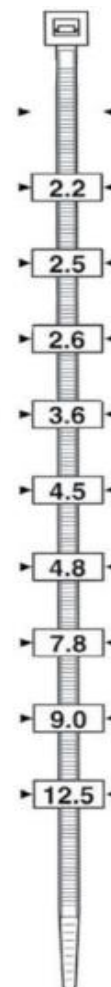
Melting Temperature +110°C

Tightening temperature -10°C+60°C

Max admissible point +110°C



Code	Description	Tensile Strength Min. In Kgs	Pack Size
NCT2.2/75B	CABLE TIE 2.2 X 75MM BLACK	6 Kgs	100
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
NCT3.6/140N	CABLE TIE 3.5 X 140 NATURAL	13 Kgs	100
NCT3.6/200B	CABLE TIE 3.5 X 200MM BLACK	13 Kgs	100
NCT3.6/200N	CABLE TIE 3.6 X 200MM NATURAL	13 Kgs	100
NCT3.6/300B	CABLE TIE 3.6 X 300MM BLACK	13 Kgs	100
NCT3.6/300N	CABLE TIE 3.6 X 300MM NATURAL	13 Kgs	100
NCT4.8/200B	CABLE TIE 4.8 X 200MM BLACK	22 Kgs	100
NCT4.8/200N	CABLE TIE 4.8 X 200MM NATURAL	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
NCT4.8/430N	CABLE TIE 4.8 X 430MM NATURAL	55 Kgs	25
NCT7.2/200B	CABLE TIE 7.2 X 200MM 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
NCT7.6/450N	CABLE TIE 7.6 X 450MM NATURAL	55 Kgs	25
NCT12.6/720B	CABLE TIE 12.6 X 720MM BLACK	110 Kgs	25
NCT12.6/720N	CABLE TIE 12.6 X 720MM NATURAL	110 Kgs	25



ACCESSORIES

CODE	DESCRIPTION
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PRESSURE SWITCHES

SDMPS	SQUARE D MALE PRESSURE SWITCH 1.4-4.6 BAR
SDFPS	SQUARE D FEMALE PRESSURE SWITCH 1.4-4.6BAR



FLOAT SWITCHES

FS03	PRESSCONTROL X 1" BSP WITH LEADS
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
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HAND CLEANER

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

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

CODE DESCRIPTION

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

RXNU15	15MM COMPRESSION NUT
RXNU20	20MM COMPRESSION NUT
RXNU25	25MM COMPRESSION NUT
RXNU32	32MM COMPRESSION NUT
RXNU40	40MM COMPRESSION NUT
RXNU50	50MM COMPRESSION NUT



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 SIZE (mm)

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	STD PACK
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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	
EMERKIT150	EPOXY RESIN INDUSTRIAL PACK - 2 PACK	



LEATHER PUMP WASHERS

Premium quality bark tan leather

CODE	DESCRIPTION
LW037512	3/8" LEATHER CUP WASHER
LW050012	1/2" LEATHER CUP WASHER
LW062512	5/8" 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
LW312512	3 1/8" 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

PSF20	20MM PVC SLOTTED SAND SCREEN
PSF25	25MM PVC SLOTTED SAND SCREEN
PSF32	32MM PVC SLOTTED SAND SCREEN
PSF40	40MM PVC SLOTTED SAND SCREEN
PSF50	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



VACUUM GAUGE

90mm dial
 Chrome-plated
 Fully adjustable
 1/2" 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	SIZE
T135	PIPE CUTTER - MEDIUM ORANGE
SS200	PIPE CUTTER - LARGE S/S BLADE - SPRING LOADED
SL200	PIPE CUTTER - LARGE S/S BLADE



SPARE BLADES

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

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
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TOILET PAN SCREWS

Brass:

TPS	TOILET PAN SCREW SET - Brass Screws
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MACFLO® COMPACT BALL VALVES

Max pressure: 7 bar

MPBV015	15mm Macflo® Compact Ball Valve
MPBV020	20mm Macflo® Compact Ball Valve
MPBV032	32mm Macflo® Compact Ball Valve
MPBV040	40mm Macflo® Compact Ball Valve
MPBV050	50mm Macflo® Compact Ball Valve



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

