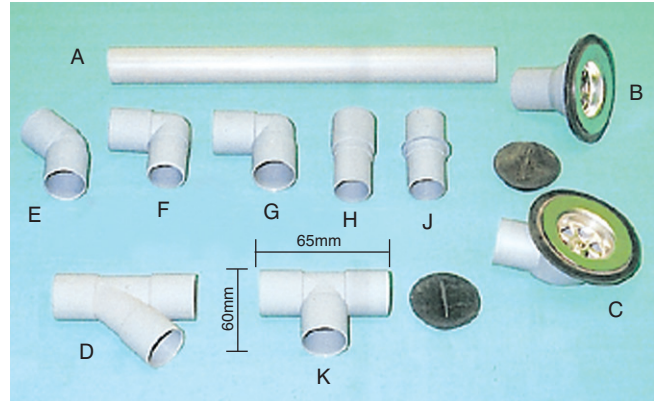


## 25 / 28 MM EASY FLOW PUSH FIT WASTE PIPE SYSTEM

Larger bore easy flow push fit waste water piping system for Motorhomes & Caravans, easily fitted by simply pushing the rigid pipe and fittings together. Much higher waste water flow rates from your sink and shower will make a significant improvement to the drain-ability of the kitchen sink. Supaflex smooth bore waste pipe mixes into the system to make installation in tight spots easier. You can switch between rigid and 25mm Supaflex as many times as necessary, by using **WD1322** & **WD1323** adaptors. **WD1323** can be put into any fitting including sinkwastes to go straight onto 25mm Supaflex for pipe runs, to change from 25mm Supaflex onto rigid pipe or the reverse use **WD1322**. This range is suitable for most installations. Small panel van conversions should use 20 or 25 mm Supaflex, or a combination of 25mm supaflex hose below floor, to snake around obstructions on route to waste tank, with 28mm rigid used on the straighter runs. Larger systems can use any combination of the fittings, 28mm rigid and 25mm supaflex, to create the waste system.

**WD1320 28MM RIGID PIPE 3MTR LENGTHS (A)** must be cut to 1.5m maximum to prevent excess carriage charges from the parcel carrier.



## 25 / 28 MM EASY FLOW PUSH FIT WASTE PIPE SYSTEM

- H2SG** 25MM SUPAFLEX SMOOTH BORE WASTE HOSE (See page 24)
- WD1250** 1 3/16" P CLIP (SUIT 25MM SUPAFLEX) (See page 24)
- WD1255** 1 1/8" P CLIP (SUIT 28MM RIGID PIPE) (See page 24)
- WD1320** 28MM PUSH FIT RIGID PIPE 3MTR LENGTHS (A)
- WD1300** 1 1/4" - 28MM ANGLED SINKWASTE S/S TOP CW PLUG (C)
- WD1304** 1 1/4" - 28MM 90 DEG SINK WASTE S/S TOP CW PLUG
- WD1306** 1 1/4" - 28MM STRAIGHT SINKWASTE S/S TOP CW PLUG (B)
- WD1319** 28MM THRU FLOOR ADAPTOR
- WD1321** 28MM PUSH FIT STRAIGHT CONNECTOR
- WD1322** 25MM SUPAFLEX HOSE - 28MM FEMALE SOCKET ADAPTOR (H)
- WD1323** 25MM SUPAFLEX HOSE - 28MM MALE PIPE ADAPTOR (J)
- WD1324** 28MM PUSH FIT STEM ELBOW (F)
- WD1325** 28MM PUSH FIT EQUAL ELBOW (G)
- WD1326** 28MM PUSH FIT 135 DEGREE CONNECTOR (E)
- WD1327** 28MM PUSH FIT TEE CONNECTOR (K)
- WD1328** 28MM PUSH FIT Y CONNECTOR (D)
- WD1330** 28MM OUTLET HOSE SOCKET
- WD1420G** 28MM NUT IN TANK FITTING STRAIGHT MALE
- WD1421** 28MM 1" BSP TANK FITTING STRAIGHT FEMALE
- WD1424** 20MM SUPAFLEX HOSE - 28MM MALE PIPE ADAPTOR
- WD8252** PIPE SADDLE CLIP 28MM
- HY100** Y PIECE FOR JOINING TWO WASTE OUTLET PIPES IN TO ONE WASTE CONTAINER (See page 24)



## 28 MM WASTE WATER INLINE SMELL TRAP

New larger smell trap to fit directly into 28mm rigid pipe. Lower bowl is removable at a twist to allow easy cleaning. The Trap can be fitted into 25mm Supaflex by using **WD1323** adaptor. To retrofit the trap into an existing 20mm (3/4") Supaflex waste pipe system use the new **WD1424** 20mm to 28mm adaptor.

**WD1425G** 28MM Waste water smell trap

## WASTE WATER INLINE SMELL TRAP NOW ALSO 25MM

An innovation for the waste water system. A simple but effective trap to prevent waste tank smells from permeating back up the waste pipe from the waste holding tank.

The Waste Water Trap **HGWT** is straight forward to fit. Simply cut into the vertical section of 1/2" waste pipe from the sink waste going to your waste tank fit the trap into the pipe with the screw holes uppermost. Secure the hoses with a little silicone sealant and hose clips. Now screw the trap to the nearest secure position to prevent it from movement. The trap is now fitted. From time to time you may need to remove the trap to backwash any large debris.

- HGWT** Waste water trap for 3/4" (20mm) waste hose
- HGWT25** Waste water trap for 1" (25mm) waste hose



## LARGE BORE NON RETURN VALVES FOR WASTE WATER

Large bore inline non-return valves to prevent waste water backing up into your shower tray, particularly when travelling up or down hills or when the waste tank is full.

Can also be used to maintain prime in a suction pipe, to a macerator pump etc. in marine applications. Available for 3/4" (20mm), 1" (25mm) & 1 1/2" (38mm) hose.

- WLV1215** 1" & 1 1/2" (25 - 38 mm) Non return valve. Length 125mm
- WLV1219** 3/4" (19 mm) Non return valve.



LARGE WASTE NON RETURN VALVE

## NUT IN SKIN FITTINGS

Designed as an inside out version of our normal nut in tank fittings these skin fittings have the nut on the outside of the tank. Suitable for most above waterline outlets for marine use through hull or as a tank fitting. The fittings are Corrosion and electrolysis free. Hose tail can be cut off to use with threaded fittings. (Size refers to hose size to suit tail end)

- NISF075** 19mm 3/8" skin fitting with nut
- NISF100** 25mm 1" skin fitting with nut
- NISF040** 40mm skin fitting with nut



NUT IN SKIN FITTINGS



HPVCTC PVC tube cutters

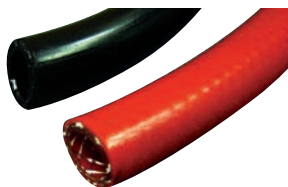


HPVCTCHD Heavy Duty PVC tube cutters





# HOSE, CONNECTORS, NUT-IN FITTINGS, DRAINTAPS



- C.A.K. QUALITY NON TOXIC WATER HOSES**
- H6CRF** 3/8" (10mm) COLD BLACK REINFORCED
  - H6H** 3/8" (10mm) HOT RED REINFORCED
  - H1CRF** 1/2" (12mm) BLACK REINFORCED COLD
  - H1H** 1/2" (12mm) RED REINFORCED HOT
  - H3RF** 3/4" (20mm) BLACK REINFORCED
  - H2RF** 1" (25mm) BLACK REINFORCED



- C.A.K. SUPAFLEX HOSE**  
With integral helicoil to prevent deformation When bending around tight corners. Smooth bore (no clog if used for waste) NOW GREY OR BLUE
- H3SG** 3/4" (20mm) SUPAFLEX GREY HOSE
  - H2SB** 1" (25mm) BLUE **H2SG** 1" (25mm) GREY
  - H5S** 1 1/2" (38mm) SUPAFLEX HOSE
  - H4SB** 40mm BLUE **H4SG** 40mm GREY
  - H7S** 3" (76mm) SUPAFLEX GREY DISCHARGE



- HOSE CLIPS A2 STAINLESS BAND**
- HC6** 3/8" Hose clip Stainless size 8-16mm
  - HC1** 1/2" Hose clip Stainless size 12-22mm
  - HC2** 1" Hose clip Stainless size 20-35mm
  - HC3** 3/4" Hose clip Stainless size 20-32mm
  - HC4** 40mm & 1 1/2" Clip Stainless size 32-50mm
  - HC7** 3" Hose clip Aluzinc (for 3" Discharge hose)



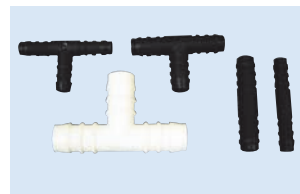
- NYLON SNAP HOSE CLIPS**  
(FOR UNDERWATER USE)
- HBG** SIZE G 1/2"
  - HBH** SIZE H 1/2"
  - HBN** SIZE N 3/4"
  - HBT** SIZE T



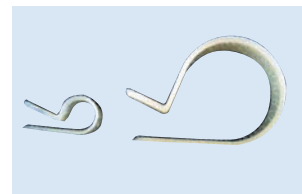
- NUT IN TANK FITTINGS**
- NIFCVD040** 40mm 45 Degree
  - NIFELB010** 3/8" (10mm) Elbow
  - NIFELB050** 1/2" (12mm) Elbow
  - NIFELB075** 3/4" (20mm) Elbow
  - NIFELB100** 1" (25mm) Elbow
  - NIFELB040** 40mm Elbow
  - NIFSTR010** 3/8" (10mm) Straight
  - NIFSTR050** 1/2" (12mm) Straight
  - NIFSTR075** 3/4" (20mm) Straight
  - NIFSTR100** 1" (25mm) Straight
  - NIFSTR040** 40mm Straight



- HOSE CONNECTORS BARBED PLASTIC** Use these connectors to join flexible hose  
**Hose adaptors join 2 different sizes of hose**
- HCON1012** 3/8" to 1/2" (10mm - 12mm)
  - HCON1520** 1/2" to 3/4" (15mm - 20mm)
  - HCON2025** 3/4" to 1" (20mm - 25mm)
- Elbow Hose Connector**
- HELB038** 3/8" (10mm) Elbow
  - HELB050** 1/2" (12mm) Elbow
  - HELB100** 1" (25mm) Elbow
- Y piece hose connector**
- HY038** 3/8" (10mm) Y piece
  - HY050** 1/2" (12mm) Y piece
  - HY075** 3/4" (20mm) Y piece
  - HY100** 1" (25mm) Y piece



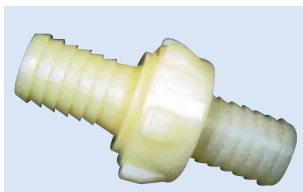
- Tees must have hose clips.**
- Straight hose connectors**
- HSTRO38** 3/8" (10mm) Straight
  - HSTRO50** 1/2" (12mm) Straight
  - HSTRO75** 3/4" (20mm) Straight
  - HSTR100** 1" (25mm) Straight
- Tee Hose Connectors**
- HTEE038** 3/8" (10mm) Tee
  - HTEE050** 1/2" (12mm) Tee
  - HTEE075** 3/4" (20mm) Tee
  - HTEE100S** 1" (25mm) Tee



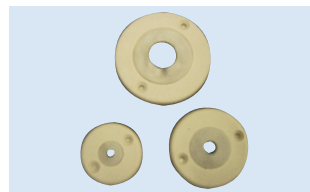
- P CLIPS**  
P-clips are used to secure piping runs. They are fixed by one screw through fixing hole.
- HPC1220** 5/16" (8 mm)
  - HPC1225** 5/8" (16 mm)
  - HPC1226** 3/4" (20 mm)
  - HPC1221** 7/8" (22 mm)
  - HPC1228** 1" (25 mm)
  - HPC1252** 1 3/8" (35 mm)
  - WD1250** 1 3/16" (30mm)
  - WD1255** 1 1/8" (28mm)



- CAK BSP TAPER THREADED HOSE BARB CONNECTORS (M = Male, F = Female BSP thread)**
- STR3812** 3/8" BSP M X 1/2" (12 mm) Straight
  - ELB3812** 3/8" BSP M X 1/2" (12 mm) Elbow
  - STR5012** 1/2" BSP M X 1/2" (12 mm) Straight
  - ELB5012** 1/2" BSP M X 1/2" (12 mm) Elbow
  - BRF3812** 3/8" BSP F X 1/2" (12 mm) Straight brass
  - BRF5012** 1/2" BSP F X 1/2" (12 mm) Straight brass
  - BRM3812** 3/8" BSP M X 1/2" (12 mm) Straight brass
  - BRM5012** 1/2" BSP M X 1/2" (12 mm) Straight brass



- THREADED HOSE JOINTERS**  
Nylon fitting barbed both ends. Allows easy connection or extension of two hoses.
- HFTJ020** 3/4" (20 mm)
  - HFTJ025** 1" (25 mm)
  - HFTJ040** 40 mm Hose



- FLOOR SEAL HOLE TIDIES**  
Seals around pipes or wires where they go through the floor to reduce draughts, insect or water ingress.
- HFS1091** For 5 to 11mm Dia.
  - HFS1092** For 10 to 19mm Dia.
  - HFS1093** For 19 to 28mm Dia.



- CAK SUPADRAIN TAPS** Pressure rated ball valves for fast clog free waste tank drainage - also for fresh
- SDT030** 1/2" supadrain tap 3/8" BSP female
  - SDT099** 3/4" supadrain tap 3/4" BSP female threads for 1" inlet hose fitting
  - STR100** 3/4" BSP straight for 1" hose
  - ELB100** 3/4" BSP elbow for 1" hose



- NUT IN BULKHEAD FITTING**  
(Hose connection each end)
- NIFTBS050** 10 / 12mm Straight
  - NIFTBA050** 10 / 12mm Elbow



- TANK DRAIN TAP 1" (25 mm) hose**
- DTB** Drain tap blue fresh.
  - DTG** Drain tap grey waste.
  - DTN** Drain tap back nut.
  - DTW** Drain tap washer



- INLINE DRAIN TAPS**  
(Low less than 16 psi & non pressurised)
- DTIL1** 10mm Inline tap
  - DTIL2** 1/2" Inline tap
  - DTIL3** 3/4" Inline tap
  - DTIL3C** 3/4" Waste Inline tap
  - DTIL4C** 1" Waste Inline tap



- NUT IN DRAIN TAP**
- DTN2** Drain tap nut in 16mm for 13mm (1/2") PVC hose 1/2" BSP nut



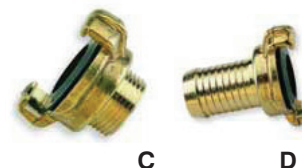
- TAP SPRING CLIP**
- HTC062** 5/8" Zinc plated
  - HTC125** 1.25" Zinc plated
  - HTC125B** 1.25" Black nylon coat



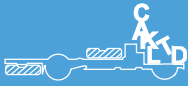
- CAK INLINE STRAINER + TRAP**
- CAK-WF1** Fine inline filter to suit 10mm & 12mm hose. Easily unscrews for cleaning
  - CAK-WF1SF** Spare mesh strainer



- HOSE SOCKETS**
- Hose socket + bracket + nut + cap
  - HSKT075** 3/4" Hose socket
  - HSKT050** 1/2" Hose socket



- BAYONET QUICK CONNECTORS**  
3/4" quickly adds extension hose to SDT099 supadrain tap above. 1" suits larger taps as used by Swift and German vans
- HFQBH075** 3/4" Hose barb brass (D)
  - HFQB075** 3/4" BSP thread brass (C)
  - HFQBH100** 1" Hose barb brass (D)
  - HFQB100** 1" BSP thread brass (C)
  - HFQBCAP** Closure cap brass



# PUSH FIT PLUMBING



## SPEEDFIT FRESH WATER PUSH FIT PLUMBING SYSTEM

Speedfit push fit plumbing range for easy installation of fresh, hot and cold water system. Not suitable for use with fuel. Pipe simply pushes home into fitting for a perfect first time seal. Speedfit will grip most 12 & 15mm pipes be they plastic, stainless or copper. Stainless teeth in the collets grip onto these soft or hard surface pipes, so long as they are within diameter size tolerances. Whole systems can be assembled for a clean neat installation. Fittings can be dismounted by pushing back collet and withdrawing pipe. The joint can be broken and re-made as many times as you wish, they will reseal when you push the pipe back in. Whale quick-connect 12 & 15 fittings also available to adapt existing systems. Whale fittings will not hold onto copper or hard polished surface plastic fittings, unless they have 2 circumferential grooves. For these applications a Speedfit fitting must be used

				
<b>EQUAL STRAIGHT</b> PM0412E 12MM PM0415E 15MM	<b>EQUAL TEE</b> PM0212E 12MM PM0215E 15MM	<b>EQUAL ELBOW</b> PM0312E 12MM PM0315E 15MM	<b>STOP END PLUG</b> PM0812R 12MM PM0815E 15MM	<b>HOSE ADAPTOR</b> WU1282B 12MM x 1/2" WU1280B 12MM X 3/8"
				
<b>STEM REDUCER</b> STEM-TUBE PM061210E 12-10mm PM061510E 15-10mm PM061512E 15-12mm	<b>STRAIGHT ADAPTOR (M)</b> MM X BSP PM011213E 12 x 3/8" PM011214E 12 x 1/2" PM011514E 15 x 1/2"	<b>STEM ADAPTOR (M)</b> 12x3/8" BSP PM051213E 12x3/8" BSP PM051214E 12x1/2" BSP PM051513E 15x3/8" BSP PM051514E 15x1/2" BSP	<b>COLLET COVER</b> PM1912B 12mm BLUE PM1912R 12mm RED PM1915B 15mm BLUE PM1915R 15mm RED	<b>HOSE ADAPTOR</b> NC448 15mm x 1/2"
				
<b>BULKHEAD CONNECTOR</b> PM1212E 12mm	<b>STRAIGHT REDUCER</b> PM201210E 12-10mm	<b>ELBOW REDUCER</b> PM211210E 12-10mm	<b>FEMALE ADAPTOR</b> CM451213FS 12x3/8" BSP CM451214FS 12x1/2" BSP CM451514FS 15x1/2" BSP	<b>MOUNTING CLIPS</b> WU1265 12mm
				
<b>NON RETURN VALVE DOUBLE CHECK VALVE</b> 15DCV 15mm	<b>INLINE SHUT OFF VALVE</b> 15ESOT 15mm 12SOT 12mm	<b>U BEND</b> PMUB15E 15mm	<b>Y PIECE DIVIDER</b> RM2312E 12mm	<b>MOUNTING CLIPS</b> PC15W 15mm PCSW15 SPACER 1/2" BSP
				
<b>TANK FITTING</b> PM12+NUT 12mm CM0715E 15mm	<b>STEM ELBOW</b> PM221212E 12mm PM221515E 15mm	<b>TUBE CUTTER</b> CUTS UP TO 22mm TUBE EASILY BY HAND JGTS CUTTER	<b>TUBING</b> PE1209-R 12mm RED PE1209-B 12mm BLUE PE1512-R 15mm RED PE1512-B 15mm BLUE	<b>FLEXI HOSE WITH STAINLESS STEEL OVER- BRAIDING PROTECTION</b> FLX17 300mm 15mm FLX21 500mm 15mm
				
<b>NON RETURN VALVE</b> WX1582B 15mm	<b>NON RETURN VALVE</b> 12SCV 12mm	<b>Cut the pipe square ensuring it is free of score marks. We recommend you use the JGTC pipe cutters for best results.</b>	<b>To avoid damage to the 'O' Ring, make sure burrs and sharp edges are removed. DO NOT use a Hacksaw. The burrs will prevent the fitting from sealing correctly</b>	<b>With the fitting clean and undamaged and the pipe cut square, you are now ready to make the connection</b>
				
<b>THREE WAY VALVES</b> TWV038 3/8" BSP FEM TWV050 1/2" BSP FEM	<b>Reducing collar 1/2" BSP male x 3/8" BSP female.</b> DLTRF0538 Reducer	<b>Water quick connector for easily attaching equipment. 3/8" BSP male</b> DLTWQC W. Q. CONN	<b>Stem elbow to fit Whale Elite WMT wall mounted shower sets</b> WU1222B Elite stem elbow	



0844 414 2324



0844 414 2425