

FUEL TANK FITTINGS



EQUIPCO®

INNOVATIONS IN FUEL HANDLING

www.equipco.com.au
1800 813 182



EVERYTHING FOR FUEL, LUBE AND ADBLUE “COMPLETE”

www.equipco.com.au

TANKER AND DEPOT EQUIPMENT BULK FUEL DELIVERY HOSES

Specialised composite PVC fabric hose with wire helical reinforcing for conveying and transferring flammable and hazardous liquids in all types of industrial applications. Hoses available for all hydrocarbons, most chemicals and hot bitumen emulsions. All hoses are factory fitted with selected couplings, pressure tested and fitted with continuity tag to comply with Australian standards.

CODE 1000 HOSES

For use with petroleum products for pressure and suction applications. Hose assemblies made to order, ranging from 300mm to 20 Mtr.

OPTIONS:

- Vapour recovery hose 4" (100mm) with special coupler.
- Rope lagging to protect hose.
- Light weight stone guards.



CAMLOCK FULL RANGE AVAILABLE



| Code | Description |
|----------|--|
| NA80-50A | 3" Camlock hydrant aluminium 2" BSPF. |
| NA80-12A | 3" Camlock hydrant aluminium 3" BSPF. |
| 100-5TPI | 4" Camlock hydrant aluminium 5TPIF. |
| T/F100 | 4" Tight fill elbow with sight glass. 4" Camlock. |
| T/F100-3 | 4" Tight fill elbow with sight glass. 3" Camlock. |
| TV75 | 3" - 4" Vapour recovery elbow. |
| E10 | Static earthing reel complete with bracket and clamp 10 Mtr static length. |
| E20 | Static earthing reel complete with bracket and clamp 20 Mtr static length. |
| E45 | Static earthing reel complete with bracket and clamp 45 Mtr static length. |
| SB-3 | 14lt galvanised bucket with 3 Mtr cable and static clamp for collecting flammable liquids from hoses when disconnecting. |
| APIDC | API dust cap for sealing bottom loading and discharge valve. |
| APIA300 | API coupler to camlock adaptor 3" (75mm). |
| APIA400 | API coupler to camlock adaptor 4" (100mm). |
| TFA100 | Tight Fill Adapter 4" - 4" BSP. |
| TFC80 | 3" Tight fill locking cap. |
| TFC100 | 4" Tight fill locking cap. |

THREAD SEALANTS

Loxal anaerobic adhesives for sealing and locking threads. Suitable for curing on passive metal surfaces, zincchromated steel and stainless steel without activator. Not suitable for PVC/plastic. Highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons, and many chemicals.

See correct product for application from selection below. Test product before use.



| Code | Description |
|---------|---|
| 5811250 | Loxal 58-11 250ml tube high pressure 10 Bar thread sealant – AGA approved. Suitable for diesel, petrol, oils water and gas. Highly viscous to help prevent running on threads. |
| 8586250 | Loxal 85-86 250ml tube high strength thread sealant for stainless steel and metal threads. Maintains sealing properties up to 200°C. High resistance to thermal shock, vibration and suitable for use with water, gas, oils, diesel, petrol, refrigerant fluids and AdBlue. |
| 8505250 | Loxal 85-05 250ml Tube. Fast curing high strength anaerobic thread sealant. Suitable for oils, water, gases, diesel and petrol. |



PIPE SEALING COMPOUNDS & PASTES FOR PETROLEUM FITTING

| Code | Description |
|--------|-------------------------------|
| ST-20T | 200g Squeeze tube stag paste. |
| TT10-W | Teflon thread sealing tape. |
| TT10-Y | Yellow gas teflon tape. |



FUEL FITTINGS & ACCESSORIES

| Code | Description |
|---------|--|
| 25HC | 25mm heavy duty unslotted stainless steel hose clamp with chromate screw. |
| 25HN | 1" BSP galvanised Hex Nipple for fuel fitting connections. |
| B25 | 1" BSP (25mm) Parallel brass hose tail with o ring. |
| 25EFF | 1" BSP galvanised F+F elbow 90° for fuel tank connections. |
| 25EMF | 1" BSP galvanised M+F elbow 90° for fuel tank connections. |
| CFV25 | 1" BSP combination filter-gate valve. |
| 50L | 2" BSP alloy lockable cap. |
| 25KLVB | 25mm key lockable ball valve with 2 keys. |
| SBC2628 | Bolt Clamps 26 - 28mm |
| SBC2931 | Bolt Clamps 29 - 31mm |
| SBC3235 | Bolt Clamps 32 - 35mm |
| 25GV | 1" BSP (25mm) brass gate valve for isolation of fuel or oils. |
| ULS | 1" (25mm) O.D aluminium spout to suit 1" fuel hose with reduced end for fitting unleaded connection on fuel tanks. |
| LS | 1" (25mm) O.D aluminium spout to suit 1" fuel hose for diesel. Commonly used with hand pumps. |

Various fittings available in sizes from 25mm to 100mm



CFV25

1" BSP combination filter-gate valve with integral nipple end for direct connection to 1" BSPF socket on tanks. Enables collection of debris and isolation of fuel in discharge hose.



50L

2" BSP (50 mm) die cast aluminium lockable cap for fill points on tanks. Includes NBR rubber sealing gasket.



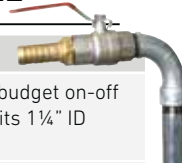
LOCKING CAP ASSY

| Code | Description |
|------|----------------------------|
| G50 | 2" Brass locking cap assy. |
| G75 | 3" Brass locking cap assy. |
| G100 | 4" Brass locking assy. |



BALL VALVE NOZZLE WITH HOSE TAIL

| Code | Description |
|------|--|
| 32CV | 1 1/4" (32mm) ball valve nozzle with hose tail for budget on-off isolator requirements for high volume flows. Suits 1 1/4" ID hose. |
| 40CV | 1 1/2" (40mm) ball valve for nozzle with hose tail for budget on-off isolator requirements for high volume flows. Suits 1 1/2" I.D hose. |



BRASS BALL VALVE

| Code | Description |
|------|--|
| 25BV | 1" BSP (25mm) brass quarter turn ball valve with teflon seal for isolation of fuels and oil. |
| 32BV | 1 1/4" Brass Ball Valve. |
| 40BV | 1 1/2" Brass Ball Valve. |
| 50BV | 2" Brass Ball Valve. |
| 80BV | 3" Brass Ball Valve |



BRASS PADLOCKABLE BALL VALVE

| Code | Description |
|--------|------------------------------------|
| 25LBDV | 25mm brass padlockable ball valve. |
| 32LBDV | 32mm brass padlockable ball valve. |
| 40LBDV | 40mm brass padlockable ball valve. |
| 50LBDV | 50mm brass padlockable ball valve. |



25LBDV

BRASS Y LINE STRAINER

| Code | Description |
|------|-----------------------------------|
| B120 | 3/4" brass Y line strainer |
| B125 | 1" brass Y line strainer |
| B132 | 1 1/4" brass Y line strainer |
| B140 | 1 1/2" BSP brass Y Line Strainer. |
| B150 | 2" BSP brass Y line strainer |



HOSE TAIL BRASS

| Code | Description |
|----------|--|
| BHT12 | 1/2" BSP brass hose tail - male thread. |
| BHT20 | 3/4" BSP brass hose tail - male thread. |
| BHT20-25 | 3/4" BSP - 1" brass hose tail - male thread. |
| BHT25 | 1" BSP brass hose tail - male thread. |
| BHT25-20 | 1" BSP - 3/4" brass hose tail - male thread. |
| BHT20-32 | 3/4" BSP - 1 1/4" brass hose tail - male thread. |
| BHT25-32 | 1" BSP- 1 1/4" hose tail brass -male thread. |
| BHT32 | 1 1/4" BSP brass hose tail - male thread. |
| BHT32-40 | 1 1/4" BSP - 1 1/2" brass hose tail - male thread. |
| BHT40 | 1 1/2" BSP brass hose tail - male thread. |
| BHT40-32 | 1 1/2" BSP - 1 1/4" brass hose tail - male thread. |
| BHT50 | 2" BSP brass hose tail - male thread. |



FUEL TANK FITTINGS

Equipco has an extensive range of specialised fittings for use with storage tanks to enable complying with relevant Australian Standards.

| Code | Description |
|------------|--|
| AV205 | 1" Alloy mushroom vent with anti-flash gauze mesh. |
| AV50 | 2" Updraught vent for fuel storage tanks. |
| AV80 | 3" Updraught vent for fuel storage tanks. |
| 7525 | 2" BSP Husky pressure / vacuum vent. |
| 2VAP | 2" BSP male vapour-vacuum vent fill cap. |
| 50VPMD | 2" Vapour-vacuum vent. |
| M2442 | 2" BSPM Emergency vent. |
| M2446M | 6" BSP Emergency Vent BSP male thread. |
| M2444 | 4" BSPM Emergency vent. |
| 25FSBVBSP | 25mm BSP Fire safe ball valve. |
| 40FSBVBSP | 40mm BSP Fire safe ball valve. |
| 25FSBVANSI | 25mm WCB 2pce full bore ball valve ANSI 150 (FIRE SAFE). |
| 40FSBVANSI | 40mm WCB 2pce full bore ball valve ANSI 150 (FIRE SAFE). |
| 50FSBVANSI | 50mm WCB 2pce full bore ball valve ANSI 150 (FIRE SAFE). |
| 80FSBVANSI | 80mm WCB 2pce full bore ball valve ANSI 150 (FIRE SAFE). |



50FSBVANSI



TRIANGLE VALVE

| Code | Description |
|-----------|--|
| TVA-38HTS | Triangle valve assemblies include valve, flex hose, flanges and nipples. Specify type. Buna valve is standard. |
| RPTVAV | Interchange for viton poppet. |
| T-TFC38H | Triangle connector assemblies. |



T-TFC38H



TVA-38HTS

AV205

1" Die cast zinc alloy mushroom vent with stainless steel anti flash gauze mesh. Most common vent used on all fuel-oil storage tanks requiring 1" size vent capacity. Allows down draught of all vapours and free venting for discharge of tank product.



AV50

2" Updraught vent for larger fuel storage tanks requiring free venting. Cast aluminium construction with stainless steel anti flash gauze mesh.



AV80

3" Updraught vent for fuel storage tanks.

7525

2" BSP Husky pressure / vacuum vent. Made in USA. Stainless steel 40 mesh screen. Suitable for use with petrol - vapor recovery and diesel.



2VAP

2" male vapour-vacuum vent fill cap. Ideal for anti-splash vent in tanks or to avoid vapour loss. Cast iron construction base with compressed metal cap.



50VPMD

2" (50 mm) Vapour vacuum vent for bulk fuel storage tank installations requiring vapour control and safety vent discharge.



VERTICAL CHECK VALVE/FOOT VALVE

DPFV40

- Brass construction.
- Double poppet, vertical check valve
- Viton gasket on lower poppet
- Metal seal on upper poppet
- 1½" BSP female.
- Not spring activated.

| Code | Description |
|--------|-------------------------------|
| DPFV40 | 1½" BSPF Vertical check valve |



ANGLE CHECK VALVES

Angle check valves are used on suction system fuel line to maintain prime. Angle check valves are installed at the top of an underground storage tank suction line.



| Code | Description |
|-------|---------------------------------|
| TSV40 | 1½" Standard angle check valve. |
| TSV50 | 2" Standard angle check valve. |

PRESSURE REGULATING VALVE

PRV40B

- Pressure regulating valve. 1½" BSP Female inlet/outlet.
- Aluminium and brass construction with teflon coated diaphragm.
- Suitable for use with diesel and petrol.



| Code | Description |
|--------|--|
| PRV40B | 1½" BSPF Pressure regulating valve, aluminum and brass construction. |

OVERFILL PREVENTION VALVE

- Gravity or pump filling.
- Positive shut-off.
- Fast loading operation 850 LPM.
- Remote or direct filling.
- Maximum fuel storage capacity.
- Easy installation.
- Minimum 60 LPM flow rate is required for valve to shut off.

| Technical data | |
|------------------------|-----------------------------------|
| Housing | Aluminum or stainless steel |
| Thread | BSP |
| Type of filling | Gravity or pumped |
| Float | High density polyethylene (PE-HD) |
| Working pressure | 4 bar |
| Seal | Viton |
| Filling capacity range | 60 l/min-850 l/max |
| Product | Diesel/Adblue |

INSPECTABLE CHECK VALVE

ICV40

- Brass construction.
- Double poppet.
- Brass poppet
- Viton gasket
- 1½" BSP female.
- Inspectable without being removed from pipework.

| Code | Description |
|-------|-------------------------|
| ICV40 | Inspectable check valve |



PRESSURE REGULATOR VALVE

Pressure regulator valve is designed to be used in conjunction with suction type dispensers connected to an above ground storage tank. Pressure regulator valves prevent fuel from flowing to the pumping unit and flowing out the vent tube of the self contained dispenser when the pump is not activated. UL listed. Incorporates 1½" shear valve for dispenser.



| Code | Description |
|------|---------------------------------------|
| 664F | Female pressure regulator valve. 1½". |

PRESSURE REGULATING VALVE

PRV40SS

- Pressure regulating valve.
- 1½" BSP Female inlet/outlet.
- Aluminium and stainless steel construction with teflon coated diaphragm.
- Suitable for use with aviation fuels, petrol and diesel.



| Code | Description |
|---------|--|
| PRV40SS | 1½" BSPF Pressure regulating valve, aluminum and stainless steel construction. |



| Code | Description |
|---------|---|
| SS0FV50 | 2" BSPM Stainless steel overfill prevention valve for Adblue, suit install in 2" BSPF threaded socket. 60-850 LPM flow range is required for valve to shut off. |
| OVF50 | 2" BSPM aluminum overfill prevention valve for diesel, suit install in 2" BSPF threaded socket. 60-850 LPM flow range is required for valve to shut off. |



ANTI-SYPHON VALVES

- This anti-syphon valve is designed to prevent product syphoning from an aboveground storage tanks and to stop the fuel leaking in case of a break in the pipework, thus preventing environmental pollution and fire hazards.
- The valve is only intended for installation on top of aboveground tanks. The springs are used for hydrostatic heads: 0-1.5 Mtr, 1.8-3.0 Mtr, 3.3-4.4 Mtr and 4.5-6.0 Mtr.



ASV25



ASV40



ASV50

| Specifications | |
|------------------|------------|
| Housing | Brass |
| Poppet | Brass |
| Springs | Steel |
| Gaskets | Viton |
| Nominal pressure | PN 16 |
| Thread | BSP Female |

| Code | Description |
|-------|------------------------|
| ASV25 | 25mm Anti Syphon Valve |
| ASV40 | 40mm Anti Syphon Valve |
| ASV50 | 50mm Anti Syphon Valve |



SAFETY QUICK DRY BREAK COUPLING

- The dry break quick receiver/tank unit is used to prevent possible leaking during the transfer primary for hazardous fluids that are suitable for the use in different fields, like petrochemical and chemical.
- The valve opens and closes automatically while connected or disconnected without residual loss of liquid.
- It can be connected or disconnected under pressure.

| Code | Description |
|-------------|---|
| 50AL-DBC | 2" Aluminum - Viton seal dry break receiver 2" BSP for fuels - tank unit. |
| ADB50-DBC-B | 2" Stainless steel dry break receiver 2" BSP for AdBlue - tank unit. |



ADB50-DBC-B



50AL-DBC



| Specifications | |
|------------------|----------------------------------|
| Housing | Aluminium or Stainless steel 316 |
| Working pressure | PN 10 - PN 25 |
| Seal | O-ring Viton |
| Thread | BSP |



Gloves

| Code | Description |
|--------|---|
| L11 | Red PVC Glove, wrist length. Pack 12/24/72 pairs. |
| B04 | Blue nitrile dipped wrist length Glove. Pack 12/24 pairs. |
| E WASH | Eye Wash bottle. |
| EBT | Clip bracket for Eye Wash bottle. |
| FT2 | 2 Cell Flameproof Torch - batteries not included. |
| EPGV | EPG Card Vehicle Fire, laminated. |
| EPGP | EPG Card Petrol as Cargo, laminated. |

Durable gloves used to protect your hands from harmful liquid contact. It is important to check chemical compatibility for use with many substances.

L11

General purpose red PVC wrist length glove with cotton liner. Entry level glove.



B04

Heavy duty blue nitrile dipped coated glove with knitted cotton cuff. Wrist length full coated back provides ventilation for hand.



E WASH

Emergency eyewash bottle with optional clip bracket to hold bottle in truck or vehicle cabin. Fill with filtered distilled water.



Emergency procedure guide cards. Laminated for long life.

EPGV – Vehicle Fire

EPGP – Petrol as Cargo

FT2

2 Cell Flameproof Torch. Industry requirement for transport and delivery of flammables.



SPECIALISED SIGNS - SAFETY SIGNS - PLEASE SPECIFY TYPE WHEN ORDERING

Equipco supply a large range of signage for flammable goods storage, transport and general industry requirements.



HAZCHEM bulk tank notice.

Specify type and class.

HAZBTA metal 800x400.

HAZBTB S/A 800x400



Metal Class Diamonds

Specify type and class

S.D. metal 270 x 270



HAZCHEM SINGLE PLACARD

Metal or self adhesive. Blank

specialist advice. Specify type

and class.

HP 800 x 600.

PIPELINE MARKERS



Pipeline markers for ID for tanks or industry. Colour coded S/A vinyl. 60 x 475mm.

| Code | Description |
|--------|---|
| HAZBTA | HAZCHEM bulk tank Specify type and class. metal 800x400 |
| HAZBTB | HAZCHEM bulk tank Specify type and class. S/A 800x400 |
| S.D. | Metal class diamonds specify type and class. Metal 270 x 270 |
| HP | HAZCHEM single placard. Metal or self adhesive. Blank specialist advice. Specify type and class. 800 x 600. |

| Code | Description |
|--------|-------------------------|
| PLMD | Diesel |
| PLMUL | Unleaded Petrol |
| PLMPUL | Premium Unleaded Petrol |
| PLMHO | Heating Oil |
| PLMK | Kerosene |
| PLMULT | Ultimate |

Others available – please call

MANIFEST CABINET

- Sturdy red powdercoated cabinets
- For storage of hazardous goods manifest for use by Emergency Services personnel
- Supplied with standard key.

MB108 450 x 350 x 100mm



MANIFEST CABINET

- Queensland only
- HAZMAT text on front

MB108-H 450 x 350 x 100mm



INDUSTRY FAVOURITE



PD3M



PD4M



PD5M



PD6M



PD7M



PD8M

DANGER SIGNS

For tank storage or general industry. 600 x 450mm metal.

COMBUSTIBLE LIQUID

CCSAV

Combustible liquid self adhesive vinyl tank marker. 100mm minimal high lettering. Custom S/A vinyl markers. for bowsers, tanks or industry. Specify requirement.



TANK DIPPING EQUIPMENT

Equipco supply a range of tank measurement products for fuel and oil storage tanks.

Special indicator pastes are available for checking presence of water in fuel tanks and indication of fuel levels on dipsticks.



MGF-3

Petrol Finding Paste:

Unique formulated, non hazardous fuel-petrol finder paste for accurate tank gauging. Paste is light pink in colour and turns red when in contact with liquid fuel line for distinct, easy reading on tapes and dipsticks. For use with gasoline, kerosene, oil and other hydrocarbons. 62 gram jar.

| Code | Description |
|-------|--|
| MGF-3 | Petrol finding paste |
| WP | Non hazardous paste for detecting water presence |
| WP-OF | Detects phase separation in oxygenated fuels |



WP



WP-OF

Water Finding Paste:

Special formulated, non hazardous paste for detecting water presence in fuel storage tanks. Particularly useful for underground tanks at service stations. Supplied in easy to use 85 gram squeeze tube. The paste is golden brown in colour and turns brilliant red upon contact with water. The WP paste will gauge water content in all petroleum and hydrocarbons as well as sulphuric acid, nitric acid, hydrochloric acid, ammonia, soap solutions, salt and other chloride solutions.

| Code | Description |
|-------------|---|
| RDT-10 | 10m dip tape. 400 gram weight |
| RDT-20 | 20m dip tape. 400 gram weight |
| IPM-20 | 20m dip tape. Conforms to institute of petroleum manual. 675 gram |
| LW40 | L Point Brass replacement weight. 400 gram |
| D-FPM | Fill or dip marker. Cast alloy specify type. |
| D-FID No.1 | Identification Number 1. White |
| D-FID No.2 | Identification Number 2. White |
| D-FID No.3 | Identification Number 3. White |
| D-FID No.4 | Identification Number 4. White |
| D-FID No.5 | Identification Number 5. White |
| D-FID No.6 | Identification Number 6. White |
| D-FID No.7 | Identification Number 7. White |
| D-FID No.8 | Identification Number 8. White |
| D-FID No.9 | Identification Number 9. White |
| D-FID No.10 | Identification Number 10. White |
| D-FID-95 | Fill Point Marker for Premium ULP 95. Cast alloy |
| D-FID-98 | Fill Point Marker Prem 98 (V-Power). Cast Alloy |
| D-FID-PD | Fill Point Marker for Premium Diesel (Extra) Cast alloy |
| D-FID-WB | White Blank Centre Disk |
| D-FIDB | Centre Disc for Fill/Dip Point markers - Black |
| DPM-CENTRE | Blank centre to suit D-FPM. |

RDT

Dipping Tapes:

German quality dipping tapes for accurate measurement of petroleum products, oil and optional aviation fuel in storage tanks. Brass, non sparking frame with brass weight, swivel clip and carbon steel graduated tape. Tape lengths 10, 15 and 20 Metres. Replacement tapes and weights available.

Options:

- Tapes in stainless steel complying to AS1290.5 and approved for food standards.
- Tape lengths 15, 20, 25, 30 or 50 Metres.
- Model for aviation fuel.
- Frame construction in aluminium.
- Stainless steel weights - varying weight and shape



RDT

DIP/FILL POINT MARKER (D-FPM)

Product markers for service station fill and dip points to avoid accidental product drops into incorrect fuel storage tanks. Conforms to AIP.



D-FPM

BOTTOM FILL KITS

The cheapest and easiest way to comply with OHS SAFETY REQUIREMENTS which are now being enforced. Equipco kits supplied in 3 parts, all of which are required to comply with Australian Standard Requirements and are for diesel fuel only. Full assembly instructions are provided for easy installation. A mark out dimension sheet is available for verification for each tank required. Extra pipe lengths and/or fittings available for non-standard applications.



BFK1N

Bottom fill kit includes: Fittings, valves, camlocks, 2 x 900mm 1½" gal pipe pieces, 200mm pipe piece, tee, 2 pipe brackets with all thread, 2" plug for adding fuel additives if required and thread tap. Designed for easy installation to standard tripod or horizontal style tanks where fill point is within 200mm from tank edge and overall height maximum is 3.2 Mtr.

VERIFY YOUR CAMLOCK SIZE WITH YOUR FUEL DISTRIBUTOR SUPPLIER

GRAVITY KIT

| Code | Description |
|---------|--|
| GRAVKIT | 1" Gravity kit for overhead tank with lockable ball valve, 10 micron clear bowl filter, 4 meter hose assembly, manual nozzle and nozzle holster. |



INCREMENTED DIPSTICKS

| Code | Description |
|---------|---|
| INC-205 | Incremented Dip Stick to suit 205L drum |

Custom dip sticks are available on request to suit various tank sizes - made to order.

| Code | Bottom Fill Kit Description |
|----------|------------------------------------|
| BFK1N-32 | Bottom Fill Kit with 1¼" camlocks. |
| BFK1N-40 | Bottom Fill Kit with 1½" camlocks. |
| BFK1N-50 | Bottom Fill Kit with 2" camlocks. |

| Code | Drain Kit Description |
|------|---|
| BFK2 | Optional drain kit to remove fuel from delivery hose prior to disconnection. Comes with 1 Mtr hose. |

| Code | Sight Tube Description |
|--------|--|
| BFK3 | Sight tube kit to monitor filling of tank. Includes: 2 Mtr red tinted fuel resistant tube, valve, fittings and gal pipes for connection to existing vent and outlet point on most vertical tripod style tanks. |
| BFK3-N | New design sight tube kit with independent vent and bracket for attaching to fill pipe for larger horizontal tanks where connection to vent point is not practical. Includes valve. |