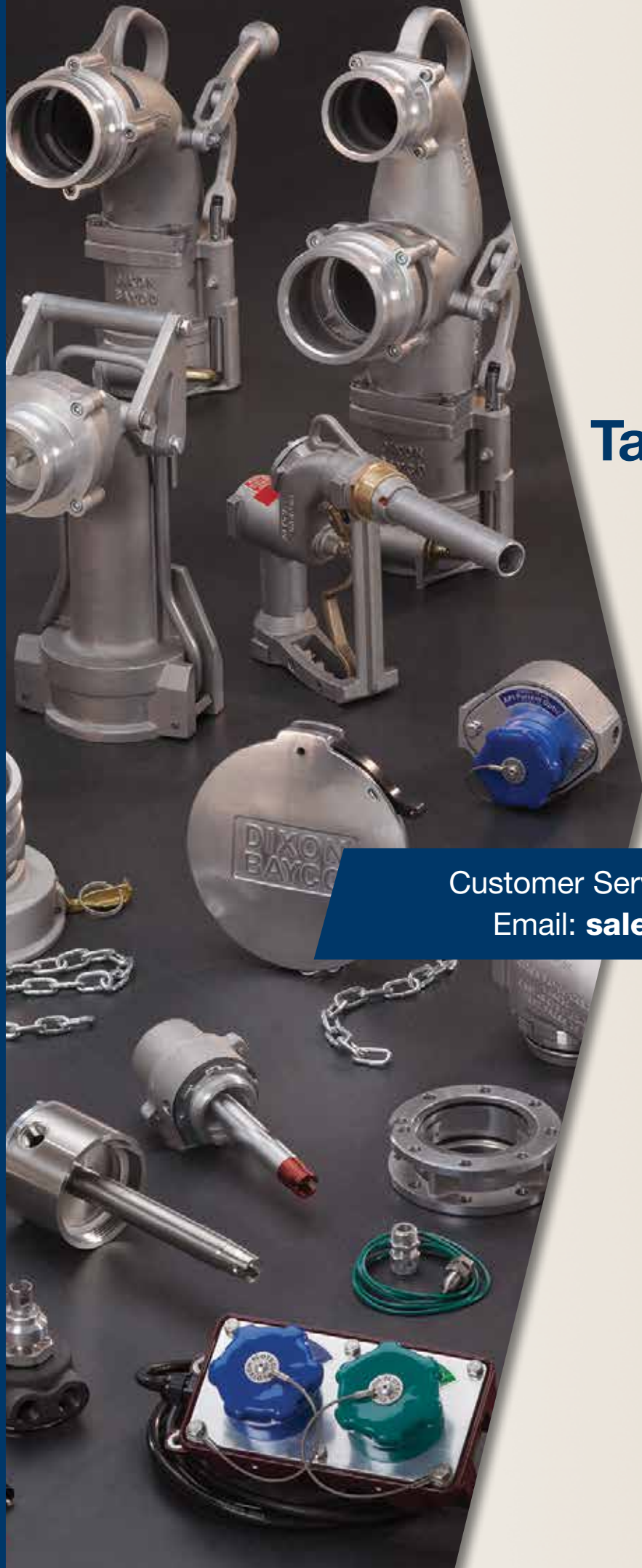


• CUSTOMER SERVICE • INNOVATION • MANUFACTURING • QUALITY • TECHNICAL EXPERTISE • EXCELLENCE • DESIGN •



The Right Connection[®]

Petroleum Tanker & Overfill Products

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API Valves



Used for bottom loading/unloading of petroleum tankers.

Available Options:

- Ergonomic handle to allow manual operation
- Load only and load/unload valves
- Sight glass & flow indicator
- Fixed/Removable handle
- Various seal options available

Seals can be replaced without the need to remove from the tanker.

Plastic and metal dust caps are available for the API valves.

API Loading Arm Coupler



The 5300 coupler is completely modular so it can be built with various face seal combinations to be compatible with alternative fuel / performance levels and applications.

Two models are available: bonded nose seal and replaceable nose seal.

Features:

- 4" TTMA inlet mounting flange
- 5 cam design for easy alignment/tight connection
- Ball-end handle for easy, comfortable operation
- Shaft seals can be changed without removing coupler from the loading arm
- Compliant with API RP1004:2003 specifications

Dry Disconnect Adapters



A Bayco dry disconnect adapter helps prevent spillage from normal or accidental disconnects.

Features:

- 2 piece adapter for easy rebuilding
- Interchangeable with Kamvalok™ style fittings
- Aluminium fittings have aluminium nose piece and brass piston

Size: 2" - 4"

Thread: Various connections available

Material: Aluminium or stainless steel

Seal: Various materials

Must be used with Bayco style coupler for adapter to operate.

Dry Disconnect Couplers



- Heavy duty stainless steel crank and link
- Stainless steel handle allows exposure to corrosive chemicals or washdown service
- Fully interchangeable with Kamvalok™ style fittings
- Stainless steel internal
- Dixon EZ Boss-Lock cam arms provide high security from accidental opening on 1½" and 2" fittings
- Large EZ Boss-Lock paddle type cam arms allow for easy grip on 3" fittings

Size: 1½" - 4"

Thread: Various connections available

Material: Aluminium or stainless steel

Seal: Various materials

Must be used with Bayco style adapter for coupler to operate.

Gravity Drop Adapter



Dixon manufacture two styles of gravity drop adapter.

Standard one piece design

- Quality cast aluminium
- Various seal options available
- Bronze cam arm with stainless steel pins and finger rings
- Optional sight glass

Two piece bolt together design with sight glass

- Consists of a ring assembly and an outlet which contains mounting balls, sight glass and seals

Both styles available 3" - 4".

Ball Nozzles for Bulk Delivery



- Uses a full port ball valve for high flow rate
- The internal flow path is designed to provide low pressure drop across the nozzle. Lower pressure drop permits higher flow rates at lower pressure
- Reduces foaming and backups

Our unique swivel design permits low temperature operation without leakage around the O-ring seals. The swivel freely rotates at temperatures as low as -40°C and pressures as high as 7 Bar / 100 PSI.

Hardened chrome steel roller balls and hardened carbon steel ball race provide long service life.

Vapour Return Valve



- Heavy duty cast aluminium body
- 4" adapter with or without poppet valve, round TTMA connection
- Air interlock mount

Vapour caps available in Nylon and Aluminium complete with built in locking feature, centred T handle, colour coded orange for safety, hole for a chain/lanyard.

Sequential Vapour Vents



- Used for venting tank vapours during the bottom loading and unloading of petroleum tankers
- Options for 16" or 20" tank manholes available

Composite Hose Assemblies



Dixon offers a range of anti static suction and discharge composite hose assemblies designed for use on plant or road/rail tankers.

Hose construction is exceptionally flexible for ease of handling yet remains robust, hard wearing and cost effective.

A comprehensive range of fittings and hose assembly service is available.

Overfill Prevention Sockets



Sockets allow for the transfer of the electronic signal from the terminal control monitor to the tanker. Sockets will vary depending upon terminal equipment.

- Socket options include 6 pin, 3 J slot for 5 wire systems and 10 pin, 4 J slot for 2 wire systems
- Sockets can include a brake interlock to prevent drive away, vapour recovery interlock or both

FloTech sockets use a patented detachable nose ring that permits replacement without the need to disconnect the wiring.

FT555 Truck Tester



Fully automatic truck tester capable of testing API optic systems and API Thermistor systems.

- One man "wet test" feature of the FT555 will sound an audible alarm when probe is wetted
- LCD screen displays the final test results and a pass/fail indication for easy rapid testing of the overfill system
- API plug can be reconfigured for both Optic and Thermistor J Slot standards

Overfill Prevention Probes



The FloTech 2 & 5 wire optic overfill prevention probes are manufactured in accordance with EN13922.

- They feature a unique prism sealing design that prevents product and vapour entering the electronics and causing probe failure
- Probes are available in 7", 12" & 18" lengths
- Fully compatible with installed industry standard rack monitors

The FloTech Plug & Play system provides a pre-made wiring harness that simply connects to each of the probes and sockets by way of suitable environmentally protected connectors. With this system, there is no need to strip wires and make crimp connections.

Replacement Parts



Dixon offer a complete range of replacement parts for your overfill systems.