



TANK CONTAINER EQUIPMENT

Fort Vale manufacture the most extensive range of road tanker equipment available in the industry for the diverse requirements of ADR and non-ADR general purpose road tankers.

As tanker technology becomes more sophisticated, we are responding with valve systems designed to suit remote actuating needs and incorporating the increased safety features demanded by the market.

We are happy to work closely with you to develop customized solutions for your individual needs.

SPARES AND ANCILLARIES

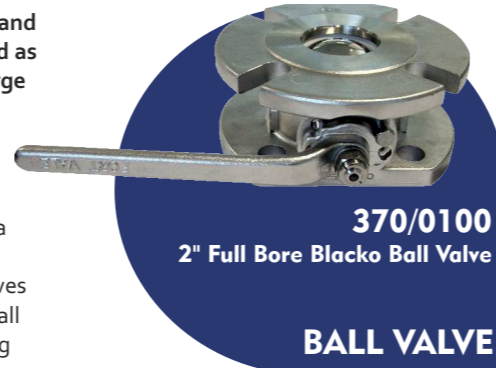
We supply a huge range of spares and ancillary items to complement our valves such as gauzes, caps and gauges, as well as consumable parts such as seals, gaskets, fasteners and burst discs. We also stock tank ancillaries such as catwalks and data plates.



**ACCEPT NO
SUBSTITUTES**
Fort Vale will
always supply
OEM seals and
gaskets

Ball valves can be used for loading and discharging cargo. They can be used as a stand-alone valve for top discharge or as part of the 3 closure bottom discharge configuration.

Our ball valves are available in DN50 (2"), DN80 (3") and DN100 (4") with a flanged connection as standard. We have a range of lined and coated valves for corrosive cargoes and we supply all the necessary mating flanges, bolting kits and ancillaries.



A relief valve is generally installed into the vapour space of a vessel. It is designed to protect the vessel from accidental over-pressure and from implosion due to unwanted vacuum conditions.

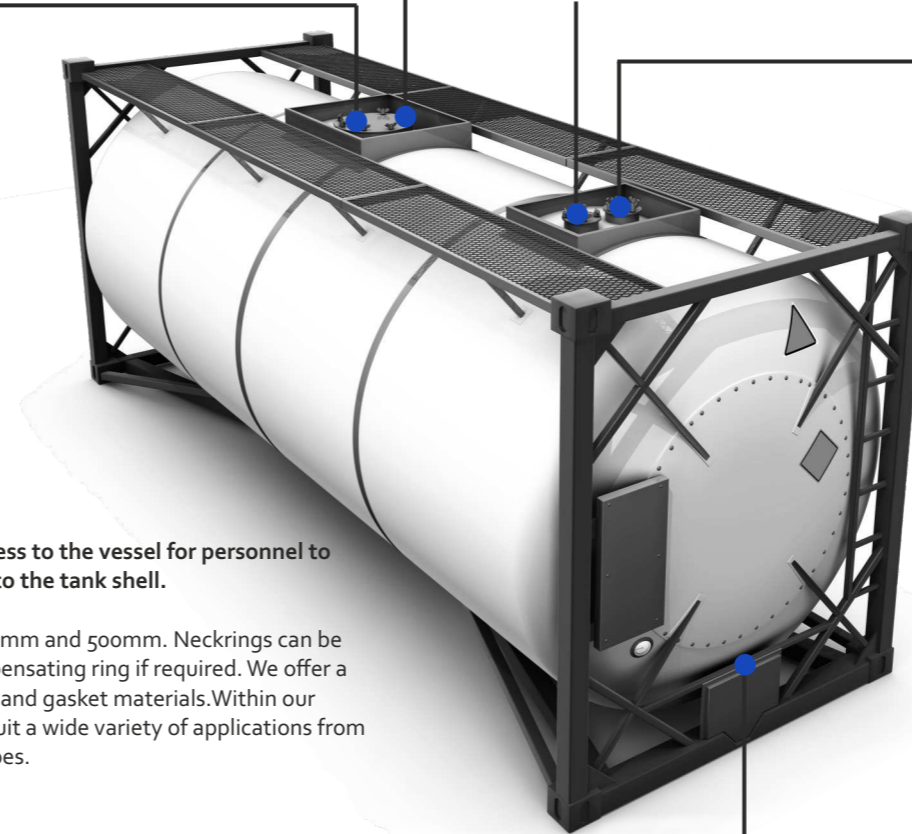
Depending on the application, relief valves can vary in connection size from DN20 (3/4") to DN125 (5") and can provide pressure only or combined pressure and vacuum relief.

Standard connections are flanged or threaded and we have a selection of hygienic fittings. We can manufacture lined and coated relief valves for corrosive cargoes, and we supply a wide range of ancillaries such as flanges, flame arresters, cowls, burst discs and manometers. *(X in part number denotes variable - options available)



A manlid assembly allows access to the vessel for personnel to carry out inspection or repair to the tank shell.

Standard sizes are 300mm, 460mm and 500mm. Neckrings can be straight or profiled with a compensating ring if required. We offer a choice of swingbolt assemblies and gasket materials. Within our range, we have assemblies to suit a wide variety of applications from foodstuffs to high-hazard cargoes.



AIRLINE VALVE



An airline valve allows the vessel to be connected to a vapour line or compressed air supply to provide vapour recovery, to purge the tank or to accelerate cargo discharge.

A 40mm or 50mm ball valve or butterfly valve is commonly used. We supply a range of airline valves with threaded or flanged connections, and we have a wide range of airline ancillary equipment that is often needed such as flanges, caps, filters, gauzes, manometers and remote operation kits.

3 A blank cap is a final tertiary closure.

We supply a wide variety of sizes in stainless steel or aluminium. Washer materials available include leather, PTFE or rubber.

2 A butterfly valve is generally a secondary closure valve and is used in combination with a footvalve (primary valve) to load and discharge cargo.

Butterfly valves can also be used for top discharge. Our butterfly valves are available in DN50 (2"), DN80 (3") and DN100 (4") and standard connections are flanged or clamped. *(X in part number denotes variable - options available)

1 A footvalve is a primary closure valve that is fitted to the drain point of the vessel. It is used to load and discharge cargo in combination with a secondary valve.

Standard sizes are DN80 (3") and DN100 (4"). Both are available in 30°, 45°, 90° and 180° options. We can offer footvalves with manual, pneumatic or hydraulic actuation. We have a steam heated version and a range of lined and coated valves for corrosive cargoes.

Footvalves are available as a single unit and we have a range of composite discharge valves which combine a primary and secondary valve. You can choose between 2 main styles of footvalve: Cleanflow or Highlift.

