



## Marine Fuel Tanks Installation Guidelines

### **Qualified Installer.**

Marine fuel tanks should only be installed by a qualified personnel. Any private warranty claim will need to be supported by an invoice/receipt from a qualified marine dealer/mechanic.

### **Expansion.**

Polyethylene fuel tanks are subject to expansion of 3% in all directions within a month after first filling with fuel. For example, a tank of dimensions 1200mm x 500mm x 200mm will require a cavity of at 1236mm x 515mm x 206mm. After expansion, the tank will not shrink again.

The filler neck and any other protrusions from the tank must also be given clearance for expansion.

Do not foam the tank or restrict its ability to expand.

### **Securing the tank.**

The area into which the tank is to be installed must be free from abrasive or sharp edges and provide complete support for the bottom surface of the tank.

If using aluminium or stainless steel strapping, rubber or neoprene should be used where the strapping would otherwise be in contact with the tank. Polyurethane based sealants may be used to secure the tank within the cavity.

### **Venting.**

The cavity into which the tank is to be installed should be vented to the outside of the boat.

### **Fittings.**

Do not attempt to tighten or loosen fittings on the tank itself. Fittings are moulded into the tank and cannot be relocated. Interference with the moulded fittings will void the tank warranty.

### **Hose Connections.**

All fittings to which hose is fitted must be double clamped. i.e. Breather Vents, Fuel Pickup, Filler Pipe. Filler hose should be connected to the filler neck in manner to reduce and side pressure on the filler neck, preferably in a straight line with the filler neck.

### **Under Deck Sealing.**

It is recommended that the tank be pressure tested before sealing permanently under the boat deck. Tanks are thoroughly inspected and pressure tested before despatch, but can be damaged in transit.