

Storage Tank & Reservoir Equipment

Tank Cover

General Information:

Tank Covers are a breakthrough in the covering market, mainly destined to cover water-oil separator systems (API) and other installations. These can be either fixed or floating.

Its design incorporates the latest technological advances resulting in a cover with higher performance properties without the necessity of maintenance and increasing its useful life.

The robustness of these covers is unmatched in the industry as they prevent or minimise the emissions to the atmosphere.

Construction:

This type of Full Contact floating cover is constructed with aluminium material or with plastic material reinforced with glass fibre and designed for adverse operating conditions. The individual panel sections are ribbed for additional strength and durability.

All the compartments of the panel are fitted with test ports to ensure that each compartment is free of hydrocarbon vapours.

The floating compartments of each panel are designed to make these covers almost unsinkable. The patented panel connection system facilitates a "quick and easy" field installation process. The panels are made of aluminium with a sheet and an internal honeycomb structure; A5052. Internally they have an adhesive epoxy resin and externally they are sealed with polysulfide.

The advanced aluminium materials are designed to resist almost all kinds of substances contained in the Oil-Water Separators. All the materials used for the construction of the panels are resistant to UV rays and to the ozone and they are designed to provide a large useful life without necessity of maintenance.

This floating covers are designed to satisfy the necessities of the strict environmental requirements of today. They are designed to satisfy and to comply with the various environmental and industry, local and international, performance standards. All the metallic parts that are in contact with the product are of aluminium covered with epoxy resin or stainless steel.

The cover is designed to support with security at least two individuals on any place of the roof while the roof is floating or resting on its supports without damaging the cover and avoiding that the roof sinks and the product gets on the cover.

Characteristics:

- Designed to be in contact with the entire surface of the liquid.
- Unmatched higher strength.
- Unsinkable design and construction.
- All components and connections are vapour tight.
- Maintenance-free design.
- Resistant to almost all industrial residual liquids.
- Resistant to UV rays and to the ozone.
- Long useful life.
- Easy installation.
- Double sealed.
- Air battery wire to earth.

