

Offshore 850 Care & Maintenance

Offshore 850 is a highly durable flexible pipeline for use in marine and offshore supply applications. It is designed to be virtually maintenance-free, as the materials used in its manufacture enable it to withstand the effects of a wide range of fuels, oils and chemicals. Robust construction also makes Offshore 850 resilient to damage from abrasion and impact.

A number of basic precautions listed below will maximise operational life and ensure optimum performance.

Deployment & Retrieval

- Ensure the pipeline is laid out in as straight a line as possible without twists or kinks.

During Use

- If the pipeline becomes kinked, either when charged or empty, avoid dragging along the point of contact with the ground.
- Avoid dragging the hose over sharp objects or highly abrasive surfaces.
- Avoid dropping sharp objects on the hose.
- Use hose ramps to avoid vehicles running over the pipeline. If unavailable, check there are no sharp objects lying underneath and drive slowly over the pipeline, one wheel at a time, to minimise fluid hammer.
- Protect any points of contact with bandages or sleeves if the pipeline is subjected to pump vibration.
- Increase pressure gradually to prevent fluid hammer.
- Avoid bringing into contact with hot objects.
- During transportation ensure hoses are protected from chaffing.

Transportation & Storage

- During transportation ensure that the pipeline is protected from chaffing.

Cleaning Exterior

- It may become necessary from time to time to clean the exterior surface for cosmetic or hygienic reasons. Wash with warm water and detergent. Do not use solvents or abrasive cleaning materials.

Cleaning Interior

- Flush with water or non-abrasive pig.
- Follow chlorination guidelines for sterilization (for use with potable water).

Storage

- Roll the pipeline into a coil rather than flake. Use a suitable automated coiler for long lengths.
- If hose is stored on reels or cassettes, ensure hose is not trapped under rim.
- Store in a cool, dry and well ventilated area, preferably below 30°C, away from direct or reflected sunlight and any potential sources of damage. If storing outside for extended periods, protect from sunlight with opaque loose fitting covers. These allow air to circulate.
- For military use, storage within climatic conditions A1 to C2 is possible but continuous exposure to high temperatures is not recommended for maximising hose life.

Regular Inspection

- Visually check for abrasion or any obvious damage to the exterior of the pipeline.
- Check the couplings are securely attached and do not show signs of damage. Take remedial action if necessary.
- At least annually pressure test to the maximum working pressure of the pipeline assembly and check for any signs of leaks or damage along the full length and at the point of coupling attachment.
- Check electrical continuity of the static discharge wires.

SERVICE LIFE MUST BE GAUGED BY THE USER BEARING IN MIND SPECIFIC APPLICATIONS AND RELEVANT SAFETY REGULATIONS.