



REVERSE OSMOSIS SCALE INHIBITOR

FlowEco 1011 is a highly effective scale inhibitor and threshold agent, which prevents the formation of scale on Reverse osmosis membranes. **FlowEco 1011** is specifically effective against carbonate and sulfate scale. It is an excellent dispersant for other foulants and it is also effective in reducing iron fouling. **FlowEco 1011** can control scale without the need of acid dosing in normal applications.

FlowEco 1011

BENEFITS

- Highly effective antiscalant across a broad spectrum of Waters.
- Minimizes fouling and reduces the frequency of membrane cleaning.
- Eliminates the need for acid addition.
- Non-toxic product, simple to handle.
- Low dose rates, cost effective application.
- Compatible with all membrane types.
- Application based on an extended field experience.
- Enables higher recovery plant design than other antiscalants.

GENERAL SPECIFICATIONS

Appearance	: Clear, pale liquid
pH (as supplied)	: <3
Specific Gravity	: 1.1-1.2
Solubility in Water	: Miscible in all proportions

TREATMENT AND DOSAGE REQUIREMENT

FlowEco 1011 is dosed into the feed water to the reverse osmosis unit using a chemical dosing pump. The optimum treatment level depends on a number of conditions including the chemical characteristics of the feed water. The actual dosage rate will be determined by our engineer after careful consideration of the system. Field experience and studies has shown that **FlowEco 1011** is considerably more effective than any other compatible antiscalant in the market.

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PACKAGING

FlowEco 1011 is supplied 25 or 30 kg drums.

SAFETY

This product is acidic and corrosive to body tissue and must be handled with great care. Skin and eye contact must be avoided and gloves and goggles should be worn, along with protective overalls and apron when handling the product or solution containing the product. Do not store with Alkalis.

GENERAL SAFETY INSTRUCTIONS:

- Ensure that the operator is fully informed and familiar with the use of the product.
- Avoid ingestion of the product by mouth and nose. To eliminate the possibility of accidental ingestion, operator should never eat, drink or smoke when using chemicals. In addition, protective clothing should be removed, and the hands washed prior to eating, drinking or smoking.
- Store in the original containers and ensure that the cap is always secure.
- Do not store in temperatures above 40°C or below 0°C for extended periods.
- Do not stack more than two high for prolonged periods.
- Avoid storing near direct heat and in direct sunlight.
- Store out of the reach of children and away from thoroughfares.