



RO DESCALING CHEMICALS

RO Descaling Chemicals for Membrane Cleaning.

PELICAN RO Cleaner is low foaming cleaning solution formulated to remove silt & organic foulants such as Colloidal silica, Clay, Organic color & Bacterial slime from thin film composite membranes. PELICAN RO Cleaner is well formulated buffered solution which prevents the pH limits of a membrane being exceeded in the event of misapplication. **PELICAN RO Cleaner** should not be used on cellulose acetate membranes, as irreversible damage can occur. We offer Complete Range of RO Cleaners.

PELICAN RO CLEANERS

Product code	Key Characteristic	Application
PELICAN DS-L17	Low pH RO Membrane Cleaners	Remove Inorganic Scale & Irons
PELICAN DS-H17	High pH RO Membrane Cleaners	Remove Organic Foulants & Silica

Benefits

PELICAN RO Cleaner offers a variety of benefits:

- Compatible with thin film composite membranes
- Superior results in the removal of organic & colloidal foulants, especially when compared to generic formulations.
- Contains a specialized blend of buffers & other ingredients to dissolve organic foulants, & disperse colloidal parts
- Highly buffered to resist pH changes during the cleaning process.



Usage Instructions

For moderate to severe fouling, **PELICAN RO Cleaner** should be applied at a nominal strength of 2% w/v. For milder fouling, or where frequent cleaning is employed satisfactory results may be achieved at 1% w/v.

The cleaning solution should be re-circulated at the flow rate recommended by the membrane manufacturer, taking care not to exceed the guidelines for pressure. **PELICAN RO Cleaner** recommended following flow rates for cleaning spiral wound elements.

Element Diameter	Application
4" (100mm)	40 lpm
8" (200mm)	150 lpm

Temperature

Where possible, apply the cleaning solution at the maximum temperature recommended by the membrane manufacturer.

Packing

PELICAN Cleaners is available in 25,35 & 50 kgs Carboy. other packaging is available on request