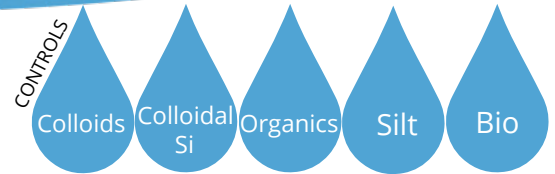


Protec™ RO

Antifoulant/Dispersant



Protec™ RO is a targeted performance antifoulant that is specifically formulated for feedwaters with high potential for fouling by colloidal inorganic and organic matter. It is effective over a wide range of concentrations. Protec™ RO may be used as an anti-deposition agent for silt and colloidal organic matter, making it an ideal antifoulant for sea, river, and lake water sources and water reclamation. Protective and flux enhancing activity reduces the rate of fouling, and enhances the ease of subsequent cleanings. Use of this product is recommended for reducing the operating and capital costs of reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) systems.

Features

- Helps prevent the deposition of colloidal silica on the membrane surface.
- Can be used in conjunction with Pretreat Plus antiscalants when silica is >50 ppm in the feed.
- Specifically formulated to control high concentrations of colloidal inorganics and organic particles.
- Inhibits anchoring of microorganisms on membrane surfaces.
- Strong dispersing capabilities.
- Compatible with RO, NF, and UF membranes from all major manufacturers.
- Certified under NSF/ANSI Standard 60 for drinking water production.



Dosage

In the typical dosage range of 1-20 mg/L (neat), By monitoring the concentrate stream and trend charts using iWaterPRO™, optimal dosage can be achieved for the control of foulants.



Specs

Appearance:
Clear to Straw Color
Liquid

Product pH (neat):
5.2 ± 1.2

Specific Gravity:
1.028 ± 0.015

Feedwater pH:
4.0-12.0

Application

Protec™ RO should be injected into the feed stream prior to the static mixer and cartridge filter. Effective pH range is 4.0-12.0. If frozen, may be thawed and mixed before use.



Packaging

55 gal (214 kg)
5 gal (20kg)

