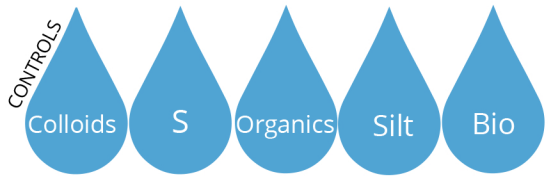
Targeted

ALPHA WATER & POWER

# Protec™ RO C

*Antifoulant/Dispersant*




**Protec™ RO C** is a targeted performance antifoulant that is specifically formulated for feedwaters with the highest potential for fouling by silt, organics, colloids and fine particulates. A special utility of Protec™ RO C is its application as an anti-deposition agent for colloidal matter in sea and brackish surface waters, and industrial and municipal wastewaters. It prevents the coagulation and subsequent membrane fouling by colloidal organic matter which includes humic acid, lignin, tannin, microorganisms, polysaccharides, lipids, proteins, cellular debris and organic polymers from water treatment and inorganic colloids including silica, clay, silt, sulfur and various microcrystalline precipitates.

## Features

- Specifically formulated to control high concentrations of colloidal and organic particles.
- Inhibits coagulation and deposition of organic and inorganic colloidal particles.
- Strong dispersing capabilities.
- Compatible with RO, NF, and UF membranes from all major manufacturers.
- Liquid formulation is convenient and easy to use.
- Certified under NSF/ANSI Standard 60 for drinking water production.
- Compatible with simultaneous administration of antiscalant into feedwater.

### Dosage

In the dosage range of 1-100 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 Light Yellow Liquid

Product pH (neat):
9.0 ± 1.5

Specific Gravity:
1.04 ± 0.02

Feedwater pH:
2.0-14.0

## Application

Protec™ RO C should be injected into the feed stream prior to the static mixer and cartridge filter. Effective pH range is 2.0-14.0. If frozen, may be thawed and mixed before use.

## Packaging

55 gal (220 kg)

