

# ScaleShield Prime Pro 2000

*Antiscalant*

**ScaleShield Prime Pro 2000** is a powerful antiscalant specially formulated for feedwaters that need control for sulfate scales, carbonate scales, silica, and dissolved metals. It is unique in its ability to maintain scale control even in waters with calcium sulfate (gypsum) scaling potential. It is effective over a wide range of concentrations, and does not flocculate dissolved polymers such as residual coagulants, iron or aluminum-rich silica. Use of this product is recommended for reducing the operating and capital costs of reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) systems.

## Features

- Inhibits inorganic scale, including silica, over a large concentration range.
- Controls calcium sulfate, barium sulfate, and strontium sulfate over a large concentration range.
- Controls moderate levels of dissolved metals.
- Enhanced 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.



### Dosage

In the typical dosage range of 1–10 mg/L (neat), control of a wide range of inorganic scales in high sulfate waters is possible. By monitoring the concentrate stream and trend charts, optimal dosage can be achieved.



### Specs

Appearance:	Product pH:
Clear Liquid	2.0 ± 1.0
Specific Gravity:	Feedwater pH:
1.07 ± 0.05	5.0-10.0

## Application

ScaleShield Prime Pro 2000 should be injected into the feed stream prior to the static mixer and cartridge filter. Effective pH range is 5.0-10.0. If frozen, may be thawed and mixed before use.

