

SCALE X



Antiscalant - RO Chemical

Manufactured in India, SCALE X Antiscalants are specially created for membrane separation procedures utilized in water treatment application. SCALE X Antiscalants enhance the performance and dependability of reverse osmosis systems with unparalleled efficiency and quality!

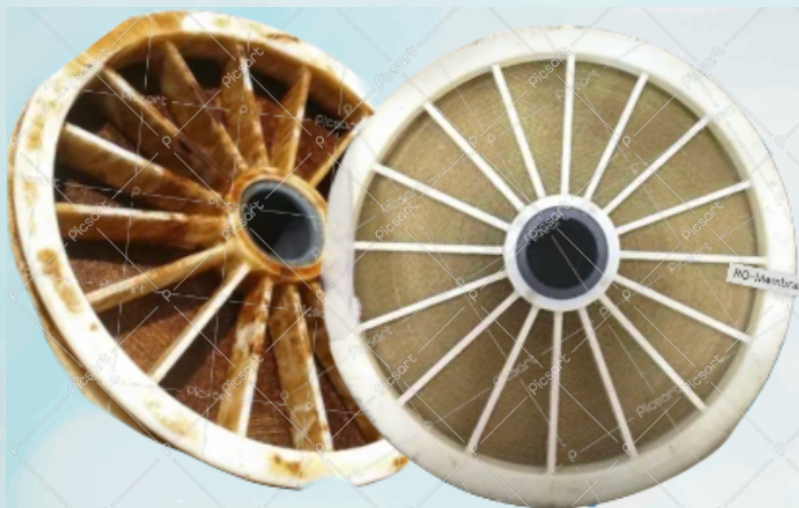
Benefits

SCALE X Antiscalants are designed to support plant designers, OEMs and end-users in optimizing.

RO, NF, UF and MF plant performance. SCALE X Antiscalants are:

- Compatible with commercially available membranes
- Cost effective by optimizing plant recovery/conversion, reducing system downtime and cleaning frequency.
- Protecting the membranes and investment by reducing fouling and clogging.
- Safe to handle and easier to dose.
- Environmentally friendly

Available in various packing size 5Litre, 20 Liter, 35 Liter, HDPE Carboy





R1: - Low TDS & Low Silica

R1 is a unique Antiscalant /Antifoulant control agent for reverse osmosis systems. A latest Polymers have been incorporated in the formulation which prevent deposits and protects system. R1 is highly effective for salts like CaCO_3 , CaSO_4 , BaSO_4 , SrSO_4 (CaF_2). It also effectively disperses soluble and insoluble Iron & Silica. The dispersing action of R1 helps to keeps the system free from chemical fouling.

Dosage - 10 ppm (TDS \leq 1000 ppm)
15-20 ppm (TDS -1500 to 2000 ppm)

R2: - High TDS & High Silica

R2 is a low pH silica specific Antiscalant for control scale precipitates and to reduce particulate fouling within membrane separation. This Specific product ensures reduced operating and capital cost of your RO. It is suitable for brackish water and tap water containing higher silica compounds including magnesium water and silicate and aluminum silicate containing feed water.

R2 is an aqueous solution of carboxylate, and co-polymer. These synergistic compounds adsorbed on the growth sites of the scalants during crystallization and causes crystal to get distorted. It also has a great threshold effect to keep scales into solution and makes the solution highly over saturated. It also has superior dispersion ability by repelling two negative Charged particles that makes the agglomeration of particles difficult. It is hydrolytically and halogen compound Stability i.e. chlorine, bromine and peracetic acid under normal condition.

Dosage – 8-10ppm (TDS – 3000 to 4000 ppm)

Selection and Dosing Calculation of Antiscalants

Selection of the most appropriate antiscalant requires a thorough and comprehensive water analysis. To increase brackish or seawater reverse osmosis efficiency and to support trouble-free operation, we offer an evaluation of the water analysis data for correct selection and optimized dosing amount of SCALE X Antiscalants. We even consider the complete pre-treatment phase in order to ensure full chemical compatibility.

Gala No 5, Parshwanath Industrial Estate, Bhutpada, Valiv Village Opp Golden Chariot, W.E Highway Vasai Rd E, Vasai-Virar, Maharashtra 401208.
Tel: +91-9137885290/+91-9820142424/+91-9324059587
Email: madhusudanaqua.ind@gmail.com