

**PROTECT THE SYSTEM
BEFORE DEPOSITS
FORM.**



Mercer International Inc.

SCALESTOP™

ScaleStop™ is a catalytic water conditioning technology engineered to reduce scale formation, fouling, corrosion potential, and infrastructure performance losses throughout industrial water systems.

BETTER INFRASTRUCTURE STARTS UPSTREAM.

Reduce Scale Formation

Helps minimize mineral deposits before they accumulate.

Protect Heat Transfer Efficiency

Cleaner surfaces support more effective thermal performance.

Reduce Fouling

Helps reduce deposit accumulation on critical equipment.

Protect Membranes & Process Equipment

Supports more stable long-term operation.

Reduce Maintenance Burden

Can reduce cleaning frequency and system downtime.

Extend Equipment Life

Helps protect valuable infrastructure investments.

Condition the water. Protect the infrastructure.

Most infrastructure challenges begin long before deposits become visible. ScaleStop™ conditions water before minerals attach, helping reduce scaling, fouling, corrosion, and performance loss throughout the system.

By influencing mineral behavior before deposits form, ScaleStop™ helps maintain cleaner infrastructure, reduce maintenance burden, and improve long-term system reliability.

Condition the water, not just the symptoms.

MINERALS IN SOLUTION

Dissolved minerals naturally cluster and begin forming structures that can contribute to scale, fouling, and performance loss.

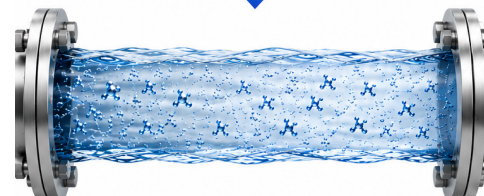
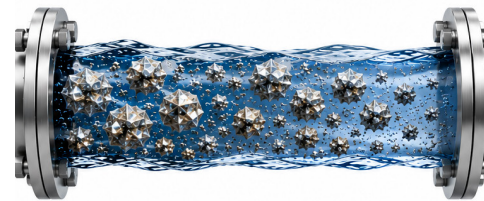
SCALESTOP™ CONDITIONING

Catalytic conditioning influences water structure and mineral behavior, reducing the tendency for crystals to attach and accumulate.

PROTECTED SYSTEMS

Minerals remain dispersed, helping maintain cleaner surfaces, improved heat transfer, and more reliable operation.

SCALE DOESN'T START ON EQUIPMENT. IT STARTS IN THE WATER.



TRADITIONAL SCALE CONTROL STARTS TOO LATE.

Most scale-control strategies focus on removing deposits after they form.

By the time scale becomes visible, efficiency has already been lost, maintenance requirements have increased, and equipment performance has begun to decline.

ScaleStop™ works upstream by influencing mineral behavior before attachment occurs.

WITHOUT CONDITIONING	WITH SCALESTOP™
Crystal attachment	Reduced attachment
Scale accumulation	Cleaner surfaces
Reduced heat transfer	Improved thermal efficiency
Increased maintenance	Lower maintenance burden
Fouling development	Protected infrastructure

Interrupt the pathway before deposits become infrastructure problems.

BUILT FOR CHALLENGING WATER CONDITIONS

- Cooling Towers
- Heat Exchangers
- Boilers
- RO Systems
- Membrane Systems
- Industrial Process Water
- Produced Water
- Mining Operations
- Food Processing
- Refinery Utilities

Best applied where scale formation, mineral deposition, fouling, corrosion, or infrastructure performance limit operational efficiency.

CONDITIONING FIRST. MAINTENANCE SECOND.

ScaleStop™ supports the CRACK IT™ stage of Mercer's Integrated Treatment Ecosystem™ by conditioning dissolved minerals before fouling and scale formation occur.

Mercer integrates ScaleStop™ alongside:

- Gravity Separation
- Nanogas Conditioning
- Solids Conditioning
- Filtration
- Membrane Protection
- Polishing Technologies

Keep infrastructure cleaner so everything downstream performs better.



**TEST
FOR FREE**



**SEND
SAMPLE**

We Test for FREE and Guarantee.

Every water system behaves differently. That's why Mercer evaluates scaling tendency, fouling potential, and infrastructure performance using your actual operating conditions before full deployment.

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