

Scalelox™



SCALELOX

SCALE AND CORROSION REDUCTION MEDIA



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Is Tested and Certified by WQA to NSF/ANSI/CAN 61 and NSF/ANSI 42

Material Safety only and 372 Lead free compliance



Scalelox Scale And Corrosion Reduction Media

is a state-of-art media that transforms and sequesters scale particles (Calcium Carbonate, CaCO₃), preventing them from materializing. Scalelox converts scale into suspended micro-crystalline particles and renders them incapable of attaching to pipes and equipment.

Scalelox Scale And Corrosion Reduction Media

is far superior to other products because the media is not susceptible to fouling, chlorine, chloramine, silica, or heavy metals. It requires no pretreatment, and it is not made with synthetic petroleum-based products like other anti-scale media.

Scalelox Scale And Corrosion Reduction Media

can easily be applied to your specific scale and corrosion control applications and with its reduced operating costs, reduced weight and its self-cleaning action, Scalelox will quickly become your product of choice for scale reduction needs.

WATER CONDITIONING SYSTEMS

Model	Size	Liters Scalelox™	Service Flow GPM	Media Replacement
SS-SF3	8" x 44"	3	8 - 12	3 to 5 years
SS-SF4	9" x 48"	4	12 - 16	3 to 5 years
SS-SF5	10" x 54"	5	15 - 20	3 to 5 years
SS-SF6	12" x 52"	6	18 - 22	3 to 5 years
SS-SF7	13" x 54"	7	22 - 25	3 to 5 years



CARTRIDGES POE / POU

Model	Size	Liters Scalelox™	Service Flow GPM	Replacement
SCX-2510W	2.5" x 10"	0.25	2 - 4	12 - 24 Months
SCX-2520W	2.5" x 20"	0.5	2 - 4	12 - 24 Months
SCX-4510W	4.5" x 10"	0.75	4 - 6	12 - 24 Months
SCW-4520W	4.5" x 20"	1	4 - 6	12 - 24 Months



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PHYSICAL PROPERTIES

Composition:	Specially Blended Anti-Scale & Corrosion Granules
Size:	Various sizes of each blended material, 0.3 mm up to 10 mm
Color:	Various, blended granules of white, green, black, purple, red and amber
Packaging:	Various, depending on order size from 5 to 180 liters
Bulk Density:	1.22 Kg/L; 10.2 lb/gallon; 76 lb/cu.ft.
Moisture Content:	approx. < 2%

WATER CHEMISTRY & LIMITATIONS

pH range of incoming water:	6.5 to 9.5
Hardness:	75 Grains (1,300 ppm CaCO ₃)
Temperature:	40 to 145 °F (4 to 70°C)
Chlorine:	No limit; SCALELOX is resistant to chlorine and chloramine and heavy metals
Iron, Ferrous:	Up to 1 mg/L (other equipment may require iron removal)
Manganese:	Up to 0.5 mg/L (other equipment may require iron removal)
Copper:	≤ 1.3 mg/L (USEPA Primary Drinking Water Regulations Action Level; > 1.3 mg/L requires pretreatment)
Fats, Oil and Grease FOG:	Remove prior to use of Scalelox.
H₂S (hydrogen sulfide):	< 0.2 mg/L (odor threshold of H ₂ S is approx. 0.2 mg/L)

OPERATING CONDITIONS

Bed Depth:	2 -4 inches (10.2 - 20.4 centimeters) in most applications.
Freeboard:	25% of bed depth (Max.); Recommended 1-3 GPM flow rate for a 2.5 in diameter cartridge containing approximately 200 mL (244 grams) of SCALELOX, per 2.5-inch bed depth (Flow Velocity, FV, of 0.2 inches per second - FV = Volumetric Flow Rate/Surface Area)

For continuous or intermittent flow (no "caking" of media during non-flow periods)

Operation in Up flow mode provides for self-cleaning action of SCALELOX media.

No pretreatment (sediment or carbon) is necessary in city water; however, it is always recommended if available.

FEATURES

- Backwashing not required
- No service frequency required
- Self-Cleaning
- No chemicals, electrical connections, drain connections required
- Resistant to Chlorine, Chloramine and Heavy Metals
- Micro-crystallizes scale particles

APPLICATIONS

- Residential
- Commercial
- Food & Beverage
- Coffee & Tea Brewers
- Beverage Equipment
- Steamers



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