



RHOMAR WATER

Heat Transfer Fluids • Hydronic System Solutions

PRO-TEK® AL

Premium Corrosion Inhibitor Treatment for Aluminum, Stainless Steel & Multi-Metal Closed Loop Systems

- *Approved by Major Boiler Manufacturers*
- *Corrosion Inhibitor Treatment for Aluminum, Copper, Brass, Iron and Stainless Steel*
- *Formulated for large Commercial Systems*
- *Compatible with Propylene and Ethylene Glycol*
- *Super Concentrated, 1 Gallon Treats 150 Gallons of System Volume*
- *Safe on PEX & Onix Tubing*
- *Provides Years of System Protection*
- *Reduces Maintenance Costs*
- *Maximizes System Efficiency*
- *Helps Control System pH*
- *Environmentally Friendly*



Available in a variety of container sizes.

Rhomar Water, 2103 E Rockhurst St., Springfield, MO 65802
1-800-543-5975 • www.RhomarWater.com



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DESCRIPTION:

PRO-TEK® AL is a super concentrated organic corrosion inhibitor treatment specially formulated for closed loop heating and cooling systems. Many water sources used in hydronic systems can be very corrosive to metals. **PRO-TEK® AL** will help to reduce corrosion on aluminum, brass, copper, iron, and stainless steel. **PRO-TEK® AL** has also been tested and is compatible with standard PEX and Onix tubing typically used in hydronic installations.

ADVANTAGES:

PRO-TEK® AL is designed to provide multi-metal corrosion protection at pH levels of 7.5 - 8.5 needed for aluminum and copper. When used as directed, **PRO-TEK® AL** will prolong the life of hot water systems by reducing the rate of corrosion and help maintain operating efficiency by preventing corrosion debris from fouling the system. **PRO-TEK® AL** is compatible with both propylene and ethylene glycol. **PRO-TEK® AL** is environmentally friendly.

DIRECTIONS:

It is recommended that new and used hydronic systems first be cleaned with **Rhomar Water's HYDRO-SOLV™** cleaner. After cleaning, thoroughly flush until the water runs clear. Cleaning and removing cutting oils and tapping fluid will help control bacterial growth. Flushing pipe cuttings, iron oxides and welding by-products with **HYDRO-SOLV™** will help prevent damage to seals, pump impellers, piping and heat exchangers due to abrasion. A clean system will ensure better results with the **PRO-TEK® AL** inhibitor.

Once the system is cleaned and flushed, **PRO-TEK® AL** should be added at the rate of 1 gallon per 150 gallons of system volume. Over-treating will not harm the system. Deionized or distilled water may be used provided adequate **PRO-TEK® AL** is added and the fluid pH is within recommended limits. (Some deionized water can have a very low pH of 4.5 - 5.0). Softened water is recommended if water hardness is higher than 100 ppm (6-grains). Proper operation of the softener should be verified prior to using to prevent salt brine from entering the system. Using water with hardness higher than 6-grains may cause sludge or scale buildup on the heat exchanger and can reduce the effectiveness of the inhibitors. Treated water pH should not be allowed to rise above 8.5 if aluminum is present. Additional treatment should be added when water is lost or removed. pH can be increased or decreased if needed by using **Rhomar Water's pH Boost** or **pH Down** respectively.

TESTING:

Fluid pH should be 7.5 - 8.5. Fluid with a pH higher than 8.5 is not recommended for systems with aluminum. Samples may also be sent to **Rhomar Water** for testing by using the "Water Test Request Form" at www.RhomarWater.com

ATTENTION:

Exposure to UV or sunlight may cause the blue coloring to fade. This does not affect product performance.

CAUTION:

Avoid contact with skin or eyes. Do not take internally. See SDS for more information.

REORDERS:

Call **1-800-543-5975** or visit our website at www.RhomarWater.com.