



Cooling Loop Gator® Patented VpCI® Tower Lay-up/Mothballing



METHOD OF APPLICATION

One Gator treats up to 88 gallons (0.33 m³) water. Remove and discard outer barrier bag. Add the water-soluble bags directly into cooling water. Recirculate treated water for about 10-12 hours to obtain good protective layer before shutdown. Either drain the water out (flushing lay-up) or leave treated water in cooling tower. After application, all valves should be covered, closed and shut off.

COMPATIBILITY

Cooling Loop Gators are compatible with most materials of construction in cooling towers (e.g. rubbers, polymers, etc.). Cooling Loop Gators are effective in the:

- Presence of non-oxidizing biocides
- Presence of oxidizing biocides*

Please consult a Cortec® representative for further information before use with biocides.

*Keep free halogen concentration less than 2 ppm. When using a high concentration level of oxidizing biocides, consult Cortec about dosages.

PRODUCT DESCRIPTION

Cortec's Cooling Loop Gator® is a Vapor phase Corrosion Inhibitor (VpCI®) powder packaged in polyvinyl-alcohol (PVA) water-soluble bags. Developed for seasonal, short, or long term lay-up Cooling Loop Gator® protects enclosed spaces for up to 12 months. Once the bag and powder dissolve, the VpCIs adsorb on all metal surfaces - reaching recessed areas and interior cavities. The VpCIs form a strong molecular layer on the metal that protects in both the liquid and vapor phase.

FEATURES

- Provides excellent corrosion protection during lay-up period
- Can be used as a corrosion inhibitor additive in the majority of water treatment programs
- Provides multimetal protection, including galvanized steel and yellow metals (copper, brass)
- Protects inaccessible and recessed surfaces
- Does not need to be removed prior to start up
- Eliminates environmental hazard and disposal problems
- Safe and easy to handle
- Biodegradable (>80%), non-toxic, and non-irritating
- Effective for wet lay-up and flushing applications
- Reduces chemical consumption and cost upon start up
- Easy to apply
- Increased worker productivity and safety
- Nitrite-, phosphate-, and chromate-free
- Compatible with the majority of commercially available biocides and antisclants

DIMENSION

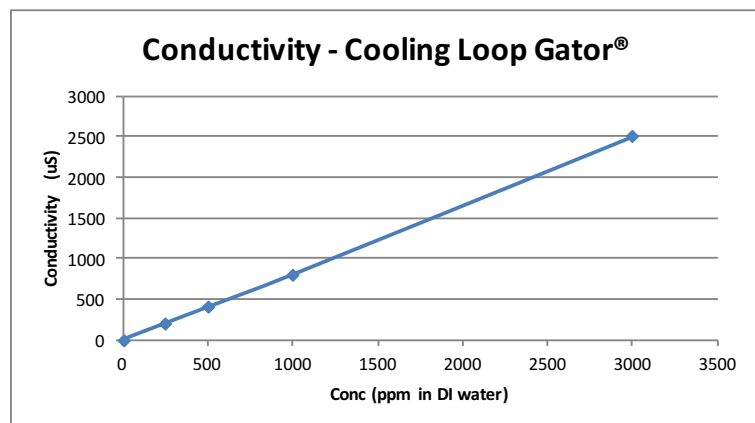
Bag 10" x 14" (25 cm x 35 cm)

PHYSICAL PROPERTIES OF POWDER

Appearance	White powder
pH	8.5-9.5 (1% aqueous)
NVC	99-100%



CONDUCTIVITY CHART



STANDARD TEST METHODS

ASTM G31/NACE TM0162	Standard guide for laboratory immersion corrosion testing of metals.
EPA-821-R-02-012	Methods for measuring the acute toxicity of effluents.

PACKAGING AND STORAGE

Cooling Loop Gator® is available in 4 x 2.2 lb (4 x 1 kg) bags per box. Store in sealed container in a dry and cool warehouse. Do not store in conditions above 150°F (66°C).

FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT SAFETY DATA SHEET FOR MORE INFORMATION

LIMITED WARRANTY

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