

Nox-Rust® 1015 Pouch Emitter



Product Description

Nox-Rust 1015 Pouch Emitter is a breathable polyethylene pouch filled with Daubert Cromwell's proprietary ferrous inhibitor in powder form. The breathable pouch allows the VCI (volatile corrosion inhibitor) to diffuse slowly out of the sealed bag, protecting the ferrous metals against corrosion.

Each pouch emitter is designed to protect the interior metal surfaces of enclosed systems, such as boilers, tanks, void spaces inside vessels, turbines and steam or condensate pipe lines. This is particularly useful during extended periods of equipment inactivity, during storage or lay-up. The powder's chemical formulation provides continuous long and short-term corrosion protection for ferrous metals.

The volatile component is attracted to the metal surface and forms a molecular barrier against oxidation, so even the most difficult to reach recesses are protected. It is effective on metal surfaces in both vapor and contact phases.

Each Nox-Rust 1015 pouch emitter will protect exposed metals inside an enclosure of up to 15 cubic feet.

Nox-Rust 1015 pouch emitter eliminates the need to fog or spray powders when such a

method of application is not desired or not possible.

Typical Properties

Appearance:	Breathable polyethylene pouch filled with Daubert Cromwell's ferrous inhibitor formulation, in powder form.
Size:	Sealed pouch, approx. 3.75" x 4".
Metals	Iron and steel alloys
Protection	Six months to 2 years
Odor:	None to very slight ammonia-like

Packaging and Storage

Store sealed in unopened boxes until ready to use.

Method of Application

1. Metal surfaces do not require any special preparation. However, it is desirable to wipe the metal surfaces clean of dust particles. This improves the access of the VCI to the metal surface.
2. Place the pouch emitter appropriately for protection of up to 15 cubic feet of space. The radius of protection is 15 inches. If the emitter is close to a surface, the volume of space protected will be less.
3. The VCI will take between 36 to 48 hours to set up in the enclosed space. Setup time can be reduced by blowing a low flow of air over the emitter. Stop the air movement after set-up is complete. If the void space is large and a person has to enter the void space, a self-contained breathing apparatus is recommended.
4. Seal the space with the metals and the pouch emitter(s) inside.
5. Periodic inspection is recommended as the system may need to be recharged or actively maintained during the lay-up period if there is loss of VCI due to leakage from the enclosed space.
6. Inspect the metal after the first six months and add additional protection if needed. Inspect biannually. Replenish as needed.

Removal and Disposal

Nox-Rust 1015SF pouch emitter can be easily removed when needed. Simply ventilate the space. No further cleanup is needed. Dispose as per local regulations.

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