



VpCI®-309 Pouch

Corrosion Inhibiting VpCI® Pouch for Ferrous Metals



PRODUCT DESCRIPTION

VpCI-309 Pouch contains a Vapor phase Corrosion Inhibitor (VpCI) powder for corrosion protection of ferrous metals in recessed areas, interior cavities, and voids. The pouches are constructed from breathable *Tyvek®, which allows the VpCI molecules to be emitted through the membrane and form a molecular layer on metal surfaces providing corrosion protection.

VpCI-309 pouch is easy to use: there are no chemical concentrations to calculate and no need for special equipment for application; just determine the number of pouches required per unit space. VpCI-309 Pouches provide a clean method for corrosion protection.

VpCI-309 Pouch provides an extremely efficient dry method to protect metals within an enclosed space. The VpCI vaporizes and adsorbs on all metal surfaces reaching all exposed areas including recessed sections and interior cavities.

VpCI-309 Pouches are available as individually cut pouches and each pouch protects up to 1m³. Custom sizes and constructions are also available.

*Tyvek is a registered trademark of DuPont

FEATURES

- Does not contain silicates, phosphates, nitrites, or heavy metals
- Provides up to 24 months of continuous protection
- Vapor phase inhibiting action protects inaccessible and recessed surfaces
- If the VpCI layer is disturbed by moisture or opening the enclosed space, the layer is replenished by continuous vapor redeposition
- Protected products can be shipped to customers without removing protective VpCI film
- Prevents further corrosion of pre-coated and painted surfaces
- Clean and easy to use
- Provides protection to ferrous metals only
- LD₅₀ ORAL: 2100mg/kg of body weight (rat)

TYPICAL APPLICATIONS

- Tubular structures, pipes, vessels, and turbines
- Internal surfaces of compressors, turbines, engines, tanks, boilers, and heat exchangers
- Dry lay-up of closed circuit cooling systems
- Equipment protection after hydrostatic testing
- Parts, components, and completed assemblies during shipping and storage

METALS PROTECTED

- Carbon steel
- Stainless steel
- Aluminum

METHOD OF APPLICATION

Determine the number of pouches required based upon the volume of space needing protection. Each pouch protects up to 1m³ (35 ft³). Evenly distribute pouches throughout the space and close or seal enclosure.



TYPICAL PROPERTIES

Form: Tyvek breathable pouch
Appearance: White with green printing
Dimensions: Each pouch is 6" W x 10" L x 0.5" H
(15.3cm x 25.4cm x 1.3cm)

PACKAGING AND STORAGE

VpCI-309 Pouches are available as 50 units per carton.
Do not store in conditions above 150°F (65°C). Close cartons between uses. The shelf life of unopened cartons of VpCI-309 Pouches is up to 24 months.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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