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Attention: Editor
February 9, 2021
PRODUCT RELEASE



Dual Desiccant and VpCI® Action Now Available for Corrosion Protection of Larger Volumes!

Fans of Cortec's dual action desiccant/VpCI® pouches can now use the same technology to protect larger volumes than before! In the past, users of Desicorr® VpCI® Pouches could only protect metals from corrosion in spaces up to 5 cubic feet (140 L) per each Unit 1 Desicorr® NW VpCI® Pouch. While this was perfect for small packages of metal parts, it made application of multiple pouches excessive when protecting larger equipment voids or containers. Now, users who want to protect four or eight times as much volume as the smaller Desicorr® NW VpCI® sizes can do so by inserting one of Cortec's new Unit 4 or Unit 8 Desicorr® NW VpCI® Pouches into a package or void of up to 20 or 40 cubic feet (560 or 1120 L), respectively.



Desicorr® NW VpCI® Pouches are an excellent replacement for traditional desiccants because they not only absorb moisture but also provide active corrosion protection with Vapor phase Corrosion Inhibitor (VpCI®) molecules. The desiccant action reduces moisture in the air, allowing the VpCI® molecules to have free access to the surface of the metal, where they form a molecular protective layer, even on recessed and difficult to reach areas. These Vapor phase Corrosion Inhibitors are self-replenishing to provide continuous protection if the package is opened and resealed. They also provide backup protection should the desiccant become spent. Size, volume protected, and moisture absorption capacity can be seen in the chart below.

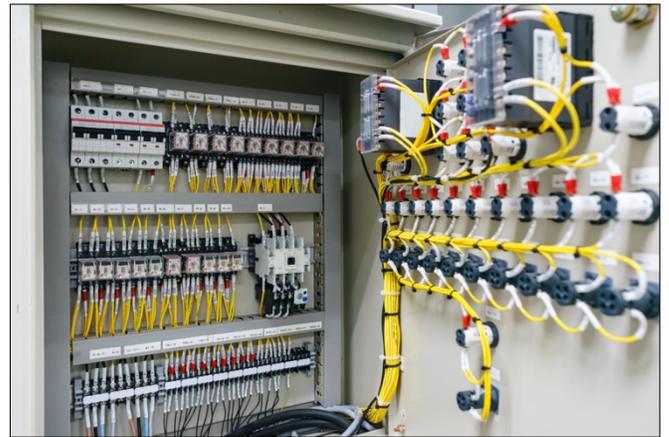
Unit Size	Protected Volume	Pouch Dimensions	Moisture Absorption Capacity (g) at 77 °F (25 °C), 75% R.H.
1/6	1 ft ³ (28 L)	2.75" x 2.5" x 0.125" (7 cm x 6.4 cm x 0.6 cm)	1.32
1	5 ft ³ (140 L)	7" x 4" x 0.125" (17.8 cm x 10.2 cm x 0.6 cm)	9.9
4 (Non-windowed only)	20 ft ³ (560 L)	6" x 8" x 0.75" (15 cm x 20 cm x 2 cm)	39.6
8 (Non-windowed only)	40 ft ³ (1120 L)	6" x 12" x 0.75" (15 cm x 30 cm x 2 cm)	79.2

Desicorr® NW VpCI® Pouches are easy to use by inserting them manually or automatically into a box of ferrous or non-ferrous metals ready to be shipped or stored, or into the void space of a large equipment assembly such as a wind turbine component before it is shrink-wrapped. When the components are removed from the package, the VpCI® molecules naturally float away, no cleaning required—unlike traditional rust preventatives that require a tedious removal process before the part can be used.



Potential usages are endless:

- Completed assemblies, parts, and components
- Motors
- Mechanical controls
- Precision machined or stamped parts
- Marine and commercial electronic equipment
- Electrical equipment
- Tools



Desicorr® NW VpCI® Pouches protect many different metal types, from aluminum and solder to carbon steel, stainless steel, galvanized steel, copper, and brass. Pouches are available in cartons containing 300 units and are available in both non-windowed and windowed versions (smaller sizes of 1/6 and 1 Unit only). The windowed version contains indicator spheres that will change color from yellow to green when the desiccant is fully spent.

Tossing a desiccant pouch into a package is a routine process for many manufacturers. Those who substitute Desicorr® NW VpCI® Pouches follow the same routine with the added protection of active Vapor phase Corrosion Inhibitors for volumes up to 40 cubic feet (1120 L) per pouch. Contact Cortec® to order your Desicorr® NW VpCI® Pouches and to get further packaging advice:

<https://www.cortecpackaging.com/contact-us/>

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CORTEC CORPORATION
Environmentally Safe VpCI/MCI Technologies

Desicorr® VpCI® Pouches/ Desicorr® NW VpCI®

DESCRIPTION
Desicorr® VpCI® is a specially designed, low humidity pouch containing a unique combination of desiccant and Vapor phase Corrosion Inhibitor (VpCI) Technology. Desicorr® VpCI® Pouches are ideal for protecting packaged ferrous and non-ferrous metals from corrosion for up to two years.

Unlike conventional desiccants, the dual function of the Desicorr® VpCI® Pouches reduces moisture in the air and corrosion inhibitor provides multi-metal protection (VpCI) action within a package. In essence, the desiccant action allows the VpCI® to have free access to the surface of the metal, without competition from moisture on the metal surface.

Desicorr® VpCI® Pouches are available in both windowed and non-windowed versions. Only the windowed version contains color indicator spheres that will change color from yellow to green when the desiccant is fully spent.

PACKAGING & STORAGE
Desicorr® VpCI® Pouches are available in cartons of 300 units.

To ensure best product performance, store at original packaging, indoors, and out of direct sunlight at 40-100° F (4-38° C).

Shelf life: 2 years

FEATURES

- Available in 1/6 Unit, 1 Unit sizes
- Non-windowed (NW) versions also available in 1/4 Unit and 1 Unit sizes
- Protective VpCI® film does not need removal
- Compliant to MIL-STD-883C, Type A, Type B
- VpCI® is self-regenerating to provide continuous protection if package is opened and resealed
- Can be easily inserted into package manually or automatically

BENEFITS

- Synergistic action between desiccant and VpCI® gives unparalleled corrosion protection
- VpCI® continues to provide corrosion protection even when Desicorr® is fully spent
- VpCI® action protects recessed and inaccessible surfaces
- No degreasing or cleaning of protected part required
- Multimetals protection

METALS PROTECTED

- Aluminum
- Carbon Steel
- Stainless Steel
- Copper
- Brass
- Galvanized Steel
- Invar Steel
- Solder

HIGH PERFORMANCE VpCI® PACKAGING

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122