



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

Desicorr® VpCI® Pouches/ Desicorr® NW VpCI®

DESCRIPTION

Desicorr® VpCI® is a specially designed, two-sided 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 (desiccant action) and 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 (NW). The windowed version contains some indicator spheres that will change color from yellow to green when the desiccant is fully spent.

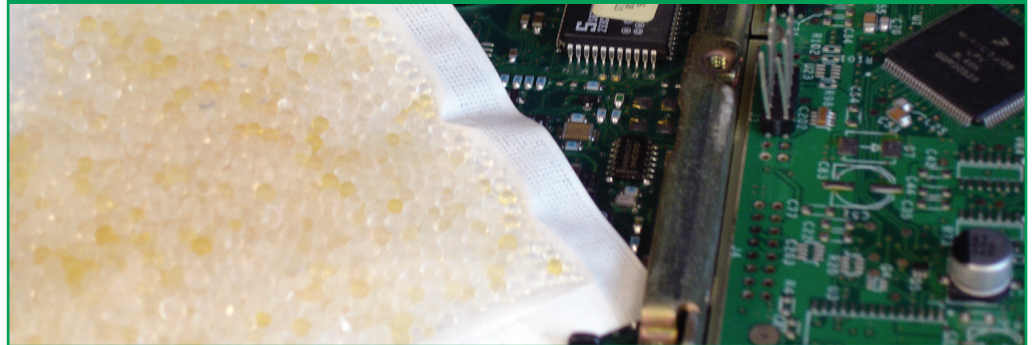
PACKAGING & STORAGE

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

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

Shelf life: 2 years

HIGH PERFORMANCE VpCI® PACKAGING



FEATURES

- Available in 1/6 Unit, 1 Unit sizes
- Non-windowed (NW) versions also available in 4 Unit and 8 Unit sizes
- Protective VpCI® film does not need removal
- Commercially equivalent to MIL-D-3464E, Type I & Type II
- VpCI® is self-replenishing 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 desiccant is fully spent
- VpCI® action protects recessed and inaccessible surfaces
- No degreasing or cleaning of protected part required
- Multi-metal protection

METALS PROTECTED

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

Desicorr® VpCl® Pouches/ Desicorr® NW VpCl®

APPLICATION

Desicorr® VpCl® is designed to protect products, components, or assemblies when packaged in corrugated boxes, plastic wrap or bags, and wood or metal containers.

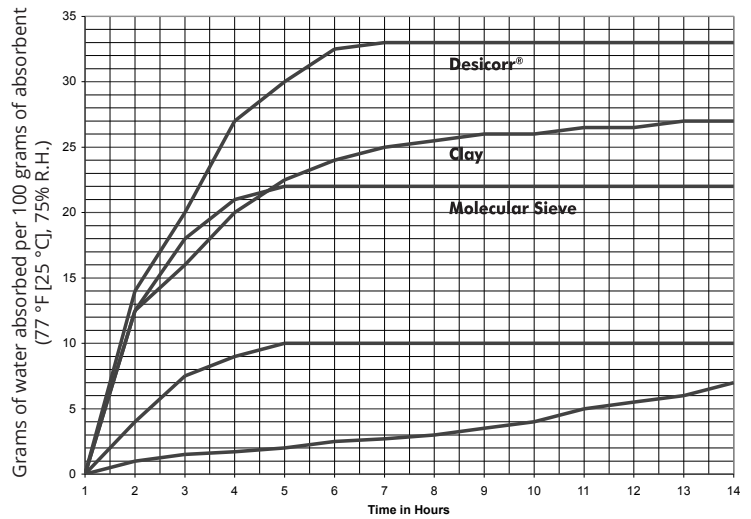
Successful usages include:

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

To apply, manually or automatically insert a Desicorr® VpCl® Pouch into the space needing protection. Then immediately close or seal the container. **Note:** Desicorr® VpCl® Pouches must be used immediately after removing from barrier bag, and the barrier bag must be resealed immediately after removing pouches.

TYPICAL PROPERTIES

Water Absorption Capacity Of Desicorr® VpCl®



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 0.25" (7 cm x 6.4 cm x 0.6 cm)	1.32
1	5 ft ³ (140 L)	7" x 4" x 0.5" (17.8 cm x 10.2 cm x 1.3 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

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