HIGH PERFORMANCE VpCI® PACKAGING

Cor-Pak® VpCI® Polycoated Paper
Corrosion Inhibiting Barrier Paper

PRODUCT DESCRIPTION

Cor-Pak VpCI Polycoated Paper is the premium corrosion inhibiting polycoated paper in the industry. Our patented Vapor phase Corrosion Inhibiting technology has revolutionized the way metals are protected in an enclosed package. Cortec Cor-Pak VpCI Polycoated Paper provides superior corrosion protection for both ferrous and non-ferrous metals, which eliminates the need to inventory a variety of papers for all the different types of metal you need to protect.

In addition, Cor-Pak VpCI Polycoated Paper is coated with a polyethylene coating, to provide a moisture barrier and/or moisture-vapor barrier.

Cortec Cor-Pak VpCI Polycoated Paper is produced with the highest quality neutral natural kraft paper, and offers exceptional resistance to water, oil, and grease. Parts protected with Cor-Pak VpCI Polycoated Paper can be painted, welded, and soldered. The thin protective film doesn't influence the physical properties of most sensitive electrical and electronic components; including conductivity and resistance. In addition, the paper basestock for the VpCI coating is produced with closely packed cellulose fibers which form a relatively non-permeable sheet.

TYPICAL APPLICATIONS

Cortec Cor-Pak VpCI Polycoated Paper can be used to protect products for storage and shipment in a wide variety of ways: end closures for shipping tubes; insert strips for recessed areas in large packages; and as sheet liners or separators between products.

The typical applications are:

- Metals industry: coils, wire reels, plate, bar, etc.
- Metal forging and die casting: raw and machined forgings and castings.
- Metalworking: stamping, sheet metal work, springs, bearings, fasteners, tube, pipe, jewelry, silverware, etc.
- Finished products: engines, machinery , equipment, tools, hardware, appliances, instruments, motors, etc.
- Electrical and electronic components, controls, printed circuit boards, etc.

FEATURES

- One product for all ferrous and non-ferrous metals.
- Contains no nitrites, phosphates, silicones, chromates, or other heavy metals.
- Effective against aggressive environments including humidity, SO_2, H_2S, and galvanic corrosion from dissimilar metals.
- Conforms to military specifications MIL-P-3420E.
- Protective film does not need to be removed prior to further surface finishing or coating application.
- Protects dry or oiled metals during storage, transit, and overseas shipment.
- Good moisture barrier and resistant to oils.
- Natural grade paper eliminates package contamination.
- Combines corrosion protection, barrier properties, and packaging into one step.

CORTEC CORPORATION
Environmentally Safe VpCI®/MCI® Technology

PHYSICAL PROPERTIES

Test Method	Results
Tear Test, ASTM D-689 (gf)	131/120°
MVTR, ASTM F-1249 @ 100F, 90% R.H. (g/100in^2/day • D	1.8

METHOD OF APPLICATION

Products should be packaged as soon after cleaning as possible. Keep the VpCI paper as close to the surface of the product as practical, leaving no barrier between the VpCI paper and the metal surface to be protected.

Use approximately 1 square foot (0.09 m^2) of VpCI paper for every 3 square feet (0.28 m^2) of surface to be protected, and 1 square foot (0.09 m^2) of VpCI paper for every 0.5 cubic foot (0.01 m^2) of void space. For long-term storage of up to ten years, enclose the wrapped product in an airtight package.

Standard construction of Cor-Pak VpCI Polycoated Paper: Neutral natural paper coated on one side with VpCI material and with polyethylene on the reverse side.

METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Galvanized Steel
- Cast Iron
- Aluminum Alloys
- Copper
- Brass (≤30% Zn)
- Solder

PACKAGING AND STORAGE

Custom sizes and constructions available upon request.

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

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