



## HIGH PERFORMANCE VpCI™ PACKAGING

# VpCI-126® Blue®

**High Technology Vapor phase Corrosion Inhibiting Films and Bags  
Patented Worldwide  
Multimetal VpCI Systems**



### DESCRIPTION

VpCI (Vapor phase Corrosion Inhibitor) 126 Series films combine the latest film technology with the most effective corrosion protection for all of your metal products. Sealing your product in Cortec® VpCI films protects metal parts from all types of corrosion including rust, tarnish, stains, white rust and oxidation for up to 5 years.\* It's as easy as putting your product in a Cortec® VpCI package!

Cortec® VpCI films and bags replace conventional rust preventatives such as oils and desiccants. You save even more because Cortec® VpCI packaging eliminates all the degreasing or coating removal required in the past. Your product can now be used immediately. VpCI-126® is transparent, making it easy to identify parts. Additionally, it does not contain free amines, phosphates, or halogen-based materials, and is non-toxic and recyclable.

VpCI-126 MIL version also meets qualification requirements of Military Specification MIL-PRF-22019D (Type 1), according to the Naval Air Warfare Center Aircraft Division, QPL 13600 Ser 43500B120-3/531. In addition, VpCI-126 MIL is referenced in TO 1-1-686, TM 55-1500-331-34, NAVAIR 15-01-4, and NACE Standard RP0487-2000 Item #21037.

\*Depending on film construction thickness and application

VpCI-126® can be manufactured utilizing a wide array of the most advanced resins. Custom blends are available to give you the exact properties you need, whether it's improved puncture resistance, tear strength or other requirements.

VpCI-126® Series films and bags protect metal objects as small as a needle to as large as the contents of an oceangoing container.

### MULTIMETAL VpCI

Metal parts packaged in Cortec® VpCI-126® Blue® receive continuous protection against salt, excessive humidity, condensation, moisture, aggressive industrial atmospheres and dissimilar metal corrosion. The Vapor phase Corrosion Inhibitors vaporize and then condense on all metal surfaces in the enclosed package. VpCI reaches every area of your part, protecting its exterior as well as hard-to-reach interior surfaces. You get complete product protection during storage as well as during domestic and overseas shipments, virtually eliminating any rust claims.



**CORTEC**  
CORPORATION

Environmentally Safe VpCI™/MCI® Technologies

## FDA APPROVED AND RECYCLABLE

Cortec® VpCI-126® has received approval by the Federal Drug Administration for use on food containers and food handling equipment. In addition, Cortec® VpCI-126® Blue® has received approval from a leading institute regarding the recycling and disposal of packaging materials containing Cortec® proprietary chemistry.

## HIGH LEVEL OF CORROSION PROTECTION

The VpCI-126® Series is the best selling anticorrosion PE film in the world today, with the highest level of corrosion protection demonstrated by standard and internal corrosion test methods. For further testing and case history information, please contact your Cortec® distributor or visit Cortec® on the World Wide Web at <http://www.CortecVpCI.com>.

## TRUE VpCI PROTECTION

The Cortec® VpCI-126® Series is the only film available today that offers a balanced combination of vapor phase and contact corrosion protection combined with high-tech resin and extrusion technology.

## METALS PROTECTED

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

## 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**

## WIDE VARIETY OF SIZES AND CONSTRUCTIONS

Cortec® VpCI-126® Blue® is heat sealable and can be used with all types of manual or automated heat-seal packaging equipment. The material is available in a variety of standard and customized forms including bags, sheeting-reinforced film, Zip-Lock and Auto-Bags, gusseted liners, bags-on-a-roll, perforated sheeting, coil covers, shrink film and tubing- to protect small or large parts. Antistatic (ESD) and fire retardant (FR) varieties are available as well as coextruded constructions. Opaque formulations are also available

Cortec® VpCI film is available in a variety of gauges, ranging from 2 to 10 mils (50-250 microns) and widths from 3" to 40' (7.6 cm - 12 m).

## TYPICAL MECHANICAL PROPERTIES OF VpCI-126® Blue®

Test Method	Cortec VpCI-126 Film, (4 mil)	Non- Corrosion inhibiting low density polyethylene film (4 mil)
Tensile Strength at Break, ASTM D 882, (lbf)	13.78/13.88	10.20/10.06
% Elongation at Break, ASTM D 882A, (%)	522.90/467.2	378.70/350.3
Tensile Strength at Peak, ASTM D 882, (psi)	3448.42/3620.91	2665.26/2704.52
Tear Test, ASTM D 1922, (Gf)	880.00/2208.00	437.33/608.00
Puncture Resistance, ASTM D 3420, (J)	1.19	1.26

Machine Direction/Cross Direction

## SHELF LIFE

The shelf life of VpCI-126® film is 2 years.

## LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

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