



## 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 combine the latest film technology with the most effective corrosion protection for all your metals. 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 and sealing!

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. Because the vapor corrosion inhibitor does not contain amines, phosphates or nitrites, it is environmentally acceptable for use and is safer than traditional corrosion inhibitors. Cortec® VpCI™ films and bags are non-toxic and recyclable.

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.

\* Depending on film construction thickness and application

**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

**WIDE VARIETY OF SIZES AND CONSTRUCTIONS**

Cortec® VpCI™-126 Blue® is a heat sealable and can be used with all types of manual or automated heat-seal packaging and equipment. The material is available in a variety of standard and customized bags and sheeting-reinforced film, Zip-Lock and Auto-Bags, gusseted liners, bags-on-a-roll, perforated sheeting, stretch film, 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.

Cortec® VpCI™ film is available in a variety of gauges, ranging from 2 to 20 mils (50-500 microns) and widths from 2" to 50' (5.1 cm - 15 m). It conforms to military specifications, MIL-B-22019-C and MIL-B-22020-C

**PHYSICAL PROPERTIES OF VpCI™-126 Blue® [at 4 mils (100 microns)]**

	PSI	Bar
Tensile Strength at break (PSI)	4511.7/4085.3	331108.2/28171.5
Elongation at break (%)	878.3/872.9	6055.9/6018.7
Tear Strength (GF)	3056.0/2933.0	21071.1/20223.0
Puncture Resistance (GF)	2554.0	17609.8

**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**

**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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4119 White Bear Parkway, St. Paul, MN 55110 USA  
 Phone (651) 429-1100, Fax (651) 429-1122  
 Toll Free (800) 4-CORTEC, E-mail [info@cortecvci.com](mailto:info@cortecvci.com)  
 Internet <http://www.CortecVpCI.com>

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