

*Guide to*  
**CORTEC®**  
**COATED PAPER**  
**SUBSTRATES**





## Premium Corrosion Inhibiting Papers & Linerboard

Cortec® Vapor phase Corrosion Inhibiting (VpCI®) papers and Linerboard provide superior corrosion protection for both ferrous and non-ferrous metals. They are fully recyclable/repulpable. Our VpCI® papers are made from the highest quality neutral, natural Kraft paper.



VpCI®-146 paper provides excellent protection for all metals.



Small engine packed in VpCI®-144 paper.

Cortec® VpCI® papers are simple to use: There are no chemical concentrations to calculate or application systems to maintain, and your products can be used immediately – no surface preparation or cleaning is required.

### VpCI®-144 Paper

Cortec® VpCI®-144 paper provides an environmental alternative to polyethylene and wax paper polyethylene and wax paper while providing waterproof multi-metal corrosion protection. It is non-toxic, biodegradable, and fully recyclable/repulpable.

### VpCI®-146 Paper

Cortec® VpCI®-146 paper is the premium corrosion inhibiting paper in the industry. It provides superior corrosion protection for both ferrous and non-ferrous metals. It is fully recyclable/repulpable, environmentally safe, non-toxic, biodegradable, and doesn't contain any nitrites, phosphates, or silicates.

### VpCI®-145 Paper

Cortec® VpCI®-145 Static Dissipative corrosion inhibiting paper combines static dissipative and corrosion inhibiting properties to provide a complete packaging paper for your valuable items. Simply wrap your sensitive electronic metal items in Cortec® VpCI®-145 and rest assured knowing that your valuable items will be protected from static electricity buildup and corrosion. It is fully recyclable/repulpable, biodegradable, and non-toxic.

### VpCI®-148 Paper

VpCI®-148 paper combines Cortec® VpCI® multimetal corrosion protection with grease/oil/water resistant properties. Manufactured from the highest quality neutral, natural Kraft paper, VpCI®-148 is treated with Cortec® Vapor Corrosion Inhibitors.

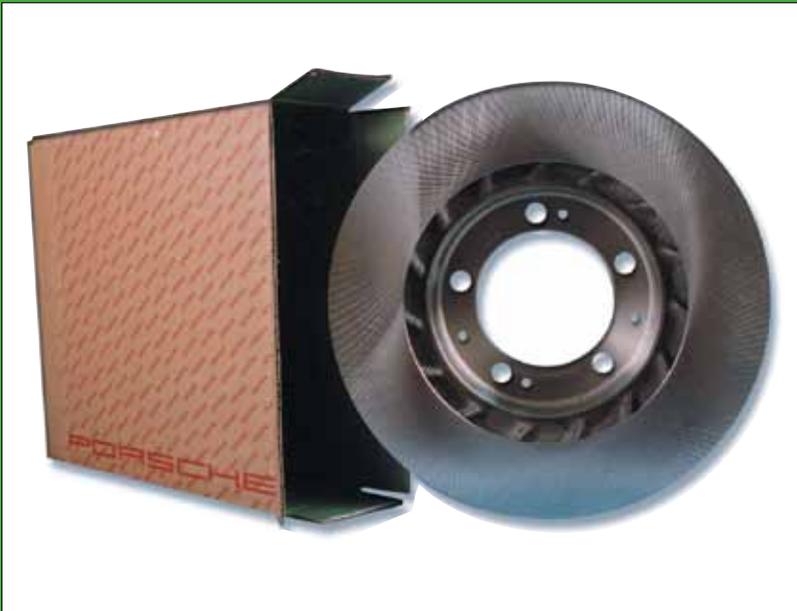


Automotive components packaged in corrugated product made with Cor-Pak® VpCl® Linerboard.

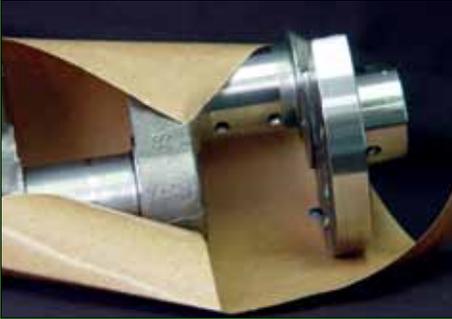


### Cor-Pak® Linerboard, Patented

Cortec® Cor-Pak® Linerboard is a patented corrosion inhibiting linerboard. It provides superior corrosion protection for both ferrous and non-ferrous metals. In addition, Cortec® Cor-Pak® Linerboard is fully recyclable/repulpable. Cortec® Cor-Pak® Linerboard is made from the highest quality neutral, natural Kraft linerboard. This eliminates package contamination found with other competing linerboard.



Automotive ABS brake system packed in corrugated box produced from Cor-Pak® VpCl® Linerboard.



## Cor-Pak® VpCl® Polycoated Paper

Cortec® Cor-Pak® VpCl® Polycoated Paper provides superior corrosion protection for both ferrous and non-ferrous metals. It is coated with a polyethylene coating to provide a moisture barrier and/or moisture-vapor barrier.

Cor-Pak® VpCl® Polycoated Paper has great mechanical strength, along with moisture, oil, and grease resistance.

## VpCl® Corrosorber® Paper

VpCl® Corrosorber® paper is a tarnish inhibiting packaging paper specifically for precious metals such as silver, gold, and tin. VpCl® Corrosorber® paper is a unique product in that one side of the paper has a special coating that scavenges or seeks out H<sub>2</sub>S gas. When a significant amount of H<sub>2</sub>S gas has been absorbed by the paper, the paper will change color from light blue to green to brown. On the other side of VpCl® Corrosorber paper is a tarnish inhibitor that will protect precious metals for up to two years or until the opposite side of the paper has significantly changed color from light blue to brown. VpCl® Corrosorber® paper is simple to use: easy wrap your precious metals and fold edges together so there is no free airflow.



Cadillac GM car body components shipped from Detroit to Shanghai in corrugated product made from Ecoshield® VpCl® Linerboard.

## Coated Papers

For use in high quality printing, our custom-formulated no-bleed coatings transform inexpensive papers into ultra smooth, superior quality products that surpasses even the finest grade papers in optical density, line definition, hold-out, and lay-flat properties. Clay coating is a recyclable alternative to lamination.



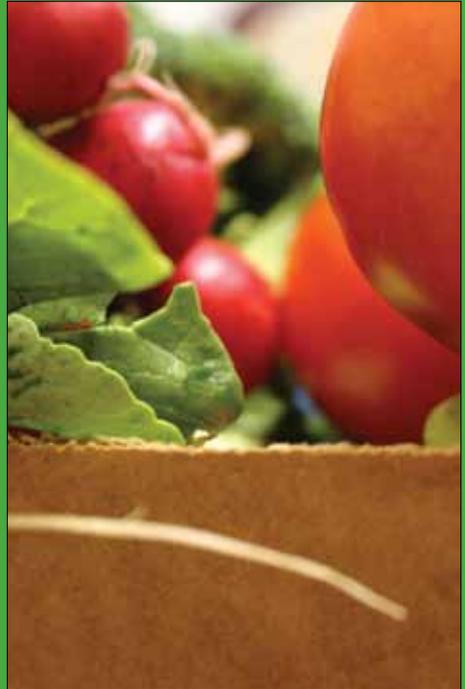
50NRSC & 63NRSC is an excellent for self-adhesive labels, foam tapes, automotive detailing, and many more products.

### 50NRSC & 63NRSC: Natural Clay Coated One-Side

Fifty and sixty-three pound natural clay coated release base for aqueous, solvent, or solventless systems will withstand high temperatures (+400°F, +204.4°C). Cortec's 50NRSC and 63NRSC have a high level of silicone hold-out for various types of silicone systems. Our product density exceeds 20,000 seconds and has excellent caliper consistency and lay-flat properties. Once coated with silicone, 50NRSC and 63NRSC can be used for self-adhesive labels, foam tapes, automotive detailing, etc.

## Coated Paper & Linerboard

Cortec® cost-effective recyclable coatings offer all the benefits of traditional polyethylene and wax coated papers, but are naturally repulpable. Formulated in compliance with FDA and USDA regulations for direct and indirect food contact.



Cortec® Coated Paper & Linerboard is in compliance with FDA & USDA regulations for direct and indirect food contact.

## EcoShield® Paper & Linerboard, Patented

EcoShield® Paper is a packaging product coated with a barrier coating. One of its key features is that it is fully repulpable while displaying barrier properties similar to or better than those of wax or polyethylene coated paper or linerboard. In addition to being friendly to the environment, EcoShield® Paper is in compliance with FDA and USDA regulations. It can be used in applications where direct or indirect food contact may occur. EcoShield® Paper displays a greatly reduced Moisture Vapor Transmission Rate. In other words, it has a similar MVTR value to that of polycoated or waxed paper while being fully recyclable/repulpable. There is no need for expensive processes to separate the paper base from the coating. Also available with VpCl®.

Cortec's leading-edge coater-using various application methods such as transfer roll, Meyer rods, air knife, and slot die-produces high quality papers and films. It incorporates state-of-the-art flotation ovens, backside moisturizing, and in-line steam foil stations for advanced curl control.

Cortec® also has a wide web SuperCalender capable of various finishes, offering a full array of mixing capabilities.

Full coating, finishing, and converting capabilities give Cortec® total in-house control over the manufacturing of products.



Printer



Unwind Station for the Slasher



Cortec® Coated Products, Eau Claire, WI

## BUYER'S GUIDE/COATED PAPER/FILL PRODUCTS

PRODUCT	DESCRIPTION
<b>VpCI®-144</b>	Multimetal VpCI® and barrier coated paper. Replaces wax and polyethylene coated papers. Non-toxic, nitrite free, fully recyclable/repulpable. FDA compliant.
<b>VpCI®-145</b>	Multimetal VpCI® coated high quality natural base paper that also provides anti-static properties. Excellent for packaging sensitive electronics.
<b>VpCI®-146</b>	Multimetal VpCI® coated high quality natural base paper. Non-toxic, nitrite free, 100% recyclable/repulpable. Excellent for single item packaging. FDA compliant.
<b>VpCI®-148</b>	Multimetal VpCI® coated high quality natural paper. Non-toxic, nitrite free, 100% recyclable/repulpable. Water, oil, and grease proof.
<b>VpCI® Corrosorber paper</b>	Multimetal VpCI® coated high quality base paper that also scavenges H <sub>2</sub> S. Excellent for the protection of precious metals such as silver.
<b>VpCI® Fabric LD</b>	Multimetal VpCI® coated non-woven material. Combines great protection with great mechanical properties.
<b>Cor-Pak® Liner Board</b>	Multimetal VpCI® coated linerboard. Non-toxic, nitrite free. Excellent for use in boxes or corrugated sheeting.
<b>Cor-Pak® Reinforced Paper</b>	Fiberglass reinforced Polycoated neutral, natural Kraft paper, coated with multimetal VpCI®.
<b>Cor-Pak® Polycoated Paper</b>	Multimetal VpCI® coated polycoated paper. Intended for applications that require strength and moisture resistance.
<b>Corr Seal® VpCI® Film</b>	Multimetal VpCI® cohesive film. Protects through contact and vapor inhibition.
<b>EcoShield® Paper, Patented</b>	Patented packaging product coated with a barrier coating. It is fully repulpable while displaying barrier properties similar or better than those of wax or polyethylene coated paper or linerboard. Also available with VpCI®.
<b>EcoShield® Linerboard, Patented</b>	Same as EcoShield® Paper. Also available with VpCI®.
<b>53 NRSC</b>	50 lb. natural clay coated release base for aqueous, solvent or solventless systems that will withstand high temperatures (+400°F, +204.4°C).
<b>63 NRSC</b>	63 lb. natural clay coated release base for aqueous, solvent or solventless systems that will withstand high temperatures (+400°F, +204.4°C).

### 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 product 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.

**BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.**

No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

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