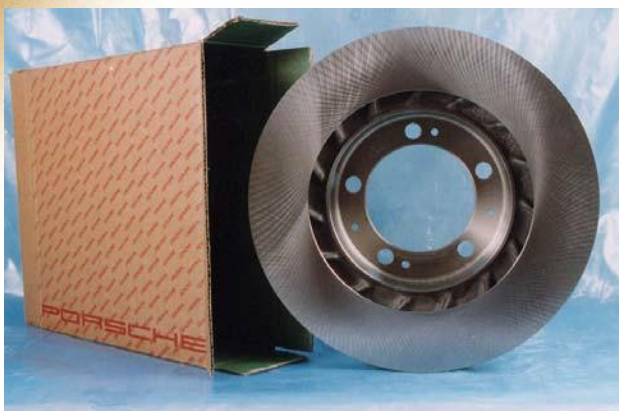




## HIGH PERFORMANCE VpCI® PACKAGING

# Cor-Pak® LinerBoard, Patented



### PRODUCT DESCRIPTION

Cortec® Cor-Pak® Linerboard is the premium corrosion inhibiting linerboard in the industry. It provides superior corrosion protection for both ferrous and non-ferrous metals. In addition, Cortec® Cor-Pak® Linerboard is fully recyclable/repulpable. It can be recycled into other types of paper products such as boxes, cardboard and other corrugated materials. Cor-Pak® Linerboard is environmentally safe, non-toxic, biodegradable and doesn't contain any nitrites, phosphates, silicates or other hazardous compounds.

Cortec® Cor-Pak® Linerboard is made from the highest quality recycled neutral natural Kraft linerboard. It is made without the use of chlorine or other chemical bleaching. This eliminates package contamination found with other competing VCI/VPI linerboard.

Cor-Pak® Linerboard is easy to use. There are no chemical concentrations to calculate, no chemical tanks or application system to maintain. The VpCI® coating on the linerboard vaporizes, reaching all metal surfaces to provide complete corrosion protection. The unique inhibiting action of Cortec VpCI® forms a very thin and very effective protective layer that does not alter the appearance of products or require removal

before further finishing or use. Parts protected with Cor-Pak® Linerboard can be painted, welded, and soldered. Cor-Pak® Linerboard protective layer does not influence physical properties of most sensitive electrical components, including conductivity and resistance.

### TYPICAL APPLICATIONS

Cortec® Cor-Pak® Linerboard paper can be used to protect products for storage and shipment in a wide variety of ways. Cor-Pak Linerboard can be used to manufacture corrugated boxes, end closures for shipping tubes, insert strips for recessed areas in large packages, as sheet liners or separators between products, etc.

The typical applications are:

- Metal producing: 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, nails, etc.
- Finished products: engines, machinery, equipment, tools, hardware, appliances, instruments, motors, etc.
- Electrical and electronic components, controls, etc.

### FEATURES

- One product for all ferrous and non-ferrous metals.
- Non-toxic. Contains no nitrites, phosphates, silicones, chromates or other heavy metals.
- Fully recyclable, repulpable.
- Effective against aggressive environments including humidity, SO<sub>2</sub>, H<sub>2</sub>S and galvanic corrosion from dissimilar metals.
- Conforms to military specification MIL-P-3420E.
- Protective layer 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.
- Natural grade linerboard eliminates package contamination.
- Combines corrosion protection and packaging into one step.



**CORTEC**  
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

## METHOD OF APPLICATION

Products should be packaged as soon after cleaning as possible, but completely dried of residual water. Keep the Cor-Pak® linerboard as close to the surface of the product as practical, leaving no barrier between the Cor-Pak® linerboard and the metal surface to be protected.

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

**Standard Construction:** Neutral natural kraft linerboard coated with VpCI® material.

## METALS PROTECTED

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

## FOR INDUSTRIAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN**

**KEEP CONTAINER TIGHTLY SEALED**

**NOT FOR INTERNAL CONSUMPTION**

**CONSULT MATERIAL SAFETY DATASHEET FOR MORE INFORMATION**

## TYPICAL PROPERTIES

Property	TAPPI Method	Unit	Cor-Pak® Linerboard
Basis Weight, lbs	T-410	Lbs/1000ft <sup>2</sup> (g/m <sup>2</sup> )	42 (205)
Caliper (thickness)	T-411	Mils (μm)	10.5 (270)
Tear-MD	T-411	grams/force	245
Tear-CD	T-411	grams/force	265
Smoothness	T-538	sheffield	220
Smoothness VpCI side	T-538	sheffield	250

CD = Cross Direction

MD = Machine Direction

## PACKAGING AND STORAGE

Custom sizes and constructions available upon request, in a 42 lbs./1,000sq. ft. (205 g/m<sup>2</sup>) linerboard. Other basis weights are also available.

## 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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