



## HIGH PERFORMANCE VpCI® PACKAGING

# EcoShield® Paper and Linerboard, Patented



### PRODUCT DESCRIPTION

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 or better than those of wax or polyethylene coated paper or linerboard.

EcoShield® Paper can readily be recycled contrary to other barrier packaging products such as polycoated or waxed papers. There is no need for costly processes to separate the paper base from the coating.

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.

EcoShield® Paper is made from the highest quality recycled paper.

### TYPICAL APPLICATIONS

EcoShield® Paper can be used to protect items that are sensitive to moisture. The items may be wrapped in EcoShield® Paper or packaged in boxes that have been made with EcoShield® Linerboard.

### FEATURES

- Barrier coated paper
- Very low Moisture Vapor Transmission Rate (MVTR), comparable to that of polycoated or waxed paper
- Fully recyclable (repulpable)
- Non-toxic, environmentally friendly
- Complies to FDA and USDA regulations for direct and indirect food contact

### TYPICAL PROPERTIES

Property	TAPPI Method	Unit	EcoShield N30 Paper	EcoShield N45 Paper	EcoShield N42 Linerboard
Basis Weight	T-410	Lbs/3,000 ff <sup>2</sup> (g/m <sup>2</sup> )	30±2 (49±5)	45±3 (73±5)	126 ± 7 (205±11)
Caliper	T-411	Mil (µm)	3.0±0.5 (76±12)	4.5±0.5 (114±12)	15±2 (381±50)

### ITEMS PROTECTED

- Metal parts
- Food items
- Moisture sensitive items

### METHOD OF APPLICATION

Items should be packaged as soon as possible but completely dried of residual water. Seal the package to prevent moisture to reach the enclosed items.



**CORTEC**  
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Environmentally Safe VpCI®/MCI® Technologies

## PACKAGING AND STORAGE

EcoShield® Paper is available in a 30#/3msf (49 g/m<sup>2</sup>), 45#/3msf (73 g/m<sup>2</sup>) paper, and a 42#/msf (205 g/m<sup>2</sup>) linerboard basis weights.

Custom sizes and construction are available upon request.

## 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

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