



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

EcoShield® Heat Sealable Paper

DESCRIPTION

EcoShield® Heat Sealable Paper is a packaging product coated with a water-based heat sealable adhesive coating. Seams formed from properly sealed product (heated with coated sides together) have a bond stronger than the paper.

EcoShield® Heat Sealable Paper is fully repulpable and can readily be recycled.

Also available in corrosion inhibiting version, CorShield® VpCI®-146 Heat Sealable Paper.

PACKAGING & STORAGE

EcoShield® Heat Sealable Paper is available in 600' (182.88 m) or longer stock rolls, 36" or 48" (1 or 1.22 m) wide.

Custom sizes up to 68" (1.73 m) wide are available upon request.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 4-100 °F (4-38 °C).

Shelf life: 2 years

HIGH PERFORMANCE PACKAGING



FEATURES

- Fully recyclable (repulpable)
- Non-hazardous, environmentally responsible
- Forms strong permanent bond between coated surfaces
- Printable

TYPICAL PROPERTIES

Property	TAPPI	Unit	EcoShield® N45 Paper
Basis Weight	T-410	lb/3,000 ft ² (g/m ²)	35±1 (60±2)
Base Stock	T-410	lb/3,000 ft ² (g/m ²)	37 (60)
Caliper	T-411	Mil (µm)	3.75±0.5 (93.5±12)
Brightness	T-452	%	92
Seal Strength	ASTM F88-99	lb/in (N/25.4 mm)	1.2±0.3 (5.2±1.3)

APPLICATION

EcoShield® Heat Sealable Paper can be used to manufacture envelopes and bags. A heat seal temperature of ≥ 250 °F (120 °C) is recommended. Seal time may vary with specific sealing equipment.

CorShield® VpCI®-146 Heat Sealable Paper can be made into custom-sized heat sealable pouches to package and protect metal parts from corrosion.

EcoShield® Heat Sealable Paper

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC
productinfo@cortecvci.com
<https://www.cortecvci.com>
<https://www.cortecpackaging.com>



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.

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.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC® CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.