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PRODUCT RELEASE



Cortec's EcoShield® Heat Sealable Paper Offers Flexible Custom Recyclable Packaging Solutions!

Cortec® has made it easy for industries to create their own custom-sized recyclable bags and envelopes with EcoShield® Heat Sealable Paper! Whether a company needs to manufacture its own standard or custom bag for a specific product, or whether extra wide paper is needed to make paper bags, sleeves, or envelopes on demand, EcoShield® Heat Sealable Paper is ready to use. Simply cut the paper to the desired size; fold and shape into an envelope, sleeve, or bag; and apply heat to seal.





EcoShield® Heat Sealable Paper is coated with a water-based heat sealable adhesive coating. When the coated sides are placed together and heat is applied, the paper seals and forms a bond that is stronger than the paper. The paper is non-toxic, fully repulpable, and readily recyclable, making it ideal for environmentally friendly disposal considerations. These properties also make it an excellent choice for packaging situations where a product can be left in the bag and thrown into application conditions that will disintegrate the paper (e.g., certain concrete mixing situations).

EcoShield® Heat Sealable Paper comes in large stock rolls of 600' (182.88 meters) by 36" or 48" wide (1-1.22 meters), with customizable widths available up to 68" (1.73 meters), making it easy

to construct standard or custom envelopes, bags, or sleeves in a variety of sizes. The paper can be printed with product identification and details before assembly.

EcoShield® Heat Sealable Paper conforms to the following test methods: TAPPI T-410 (Basis Weight), TAPPI T-411 (Caliper), TAPPI T-452 (Brightness of pulp, paper, and paperboard), and ASTM F88-99 (Seal strength of flexible barrier materials).

To learn more about EcoShield® Heat Sealable Paper, please visit:

http://www.cortecvci.com/Publications/PDS/EcoShield_Heat_Sealable_Paper.pdf

EcoShield® Heat Sealable Paper

Property	Units	Test	EcoShield® Heat Sealable Paper
Basis Weight	42.00	ASTM D1505	42.00
Basis Weight	42.00	ASTM D1505	42.00
Caliper	0.011	ASTM D1505	0.011
Brightness	85.00	ASTM D1505	85.00
Seal Strength	1000 PSI	ASTM F88-99	1000 PSI

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

STANDARD TEST METHODS
TAPPI T-410 Basis Weight
TAPPI T-411 Caliper
TAPPI T-452 Brightness of pulp, paper and paperboard
ASTM F88-99 Seal strength of flexible barrier materials

TYPICAL APPLICATIONS
EcoShield® Heat Sealable Paper can be used to manufacture standard envelopes, A-fold and horizontal A-fold (2000) (2000) is recommended. Seal time may vary with specific sealing equipment.

FEATURES
• Fully recyclable (repulpable)
• Non-toxic, environmentally friendly
• Forms strong permanent bond between coated surfaces
• Flexible

PACKAGING AND STORAGE
EcoShield® Paper is available in 600' (182.88 meters) stock rolls, 36" or 48" wide (1-1.22 meters). Custom sizes up to 68" wide (1.73 meters), and construction are available upon request.

To find out more about Cortec's innovative packaging solutions, please visit:

<http://www.cortecpackaging.com/>

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.