

Editorial Contact: Jeni Duddeck
Cortec® Advertising Agency: (651) 429-1100 Ext. 1114

jduddeck@cortecvci.com

Company Contact: Julie Holmquist
Cortec® Corporation (651) 429-1100 Ext. 1194

jholmquist@cortecvci.com

Technical Contact: Ben Voight
Cortec® Corporation (651) 429-1100 Ext. 1174

bvoight@cortecvci.com



Attention: Editor

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PRESS RELEASE



Be Part of the ‘Circular Economy’ by Opting for Cortec® Recyclable Moisture-Barrier Paper and Linerboard!

In these difficult days, perhaps now more than ever, society is about to realize the importance of conserving resources—both for economic and environmental purposes. In the paper packaging sector, this translates into the use of materials that can be repulped and made into other paper products, rather than going directly to the landfill after their first use. For the many users of moisture barrier packaging, this



presents a special challenge, as polyethylene and wax coatings have historically been used to seal porous paper to create a moisture barrier. When coated this way, the resulting paper product is an environmental problem and cannot be recycled through normal channels.

Due to its strong emphasis on developing non-hazardous, environmentally friendly options for packaging and/or corrosion protection, Cortec® Corporation has been able to successfully present the market with a

viable, competitive alternative to traditional moisture barrier packaging. Cortec’s EcoShield® Recyclable Barrier Paper and Linerboard are coated with a water-based barrier coating that resists moisture, grease, and oil. When tested according to ASTM E-96, EcoShield® Recyclable Barrier Paper shows a Water Vapor Transmission Rate (WVTR) comparable to polycoated paper and far superior to waxed paper:

Water Vapor Transmission Rate			
	EcoShield® Paper	Polycoated Paper	Waxed Paper
WVTR* (g/hour•m ²)	0.61-0.69	0.4-0.71	6.5-6.9



EcoShield® Recyclable Barrier Paper and Linerboard are fully recyclable/repulpable into other types of paper products such as boxes, cardboard, and other corrugated materials. This represents good resource stewardship while still achieving critical packaging qualities. Users of EcoShield® Recyclable Barrier Paper and Linerboard thus have the opportunity to contribute to a “circular economy” while still getting the

benefits of moisture barrier packaging.

EcoShield® Recyclable Barrier Paper and Linerboard can be used in a variety of applications, such as packaging oily and greasy parts/items or protecting other moisture sensitive components. To broaden its potential uses, EcoShield® Recyclable Barrier Paper and Linerboard are made from components formulated in compliance with FDA Code of Federal Regulations Title 21:



- §176.170-Components of paper and paperboard in contact with aqueous and fatty foods
- §176.180-Components of paper and paperboard in contact with dry food



EcoShield® Recyclable Barrier Paper and Linerboard can be ordered in a variety of custom sizes, from pre-cut sheets for end users to jumbo rolls for packaging suppliers and paper converters. Contact Cortec® today to learn more about this exciting eco-friendly alternative to traditional moisture barrier papers and discuss size/format options:

[https://www.cortecpackaging.com/contact-us/!](https://www.cortecpackaging.com/contact-us/)

Learn more about EcoShield® Recyclable Barrier Paper and Linerboard here:

[https://www.cortecvci.com/Publications/PDS/EcoShield Paper and Linerboard.pdf](https://www.cortecvci.com/Publications/PDS/EcoShield_Paper_and_Linerboard.pdf).

**Example test ranges for EcoShield® Barrier Coated Paper (45# 3msf natural kraft paper, 10# coating), a comparable polyethylene coated paper (40# 3msf paper, 6# PE coating), and commercial waxed paper.*

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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. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122