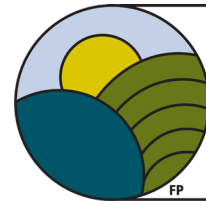


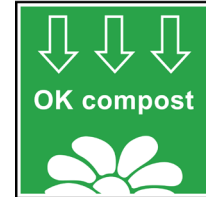


**CORTEC**  
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies



USDA  
CERTIFIED  
BIOBASED  
PRODUCT  
PRODUCT 100%



**TÜV**  
AUSTRIA  
INDUSTRIAL  
S0344

## Eco Works® 100

### DESCRIPTION

Eco Works® 100 is a “circular economy” packaging film made from 100% biobased content and certified as ‘OK compost INDUSTRIAL’ by TÜV Austria. It serves as a renewably-sourced alternative to traditional plastic films and can be made into bags for shopping, waste disposal, and various other industrial or commercial uses.

### PACKAGING & STORAGE

Available in a variety of standard and customized formats ranging from 1 to 2 mil (25-51 µm) thicknesses and 3-56” (8-142 cm) widths.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf life: 2 years

### HIGH PERFORMANCE PACKAGING



### FEATURES

- Contains 100% USDA certified biobased content
- Replaces traditional petroleum-based plastic packaging
- Certified industrially compostable by TÜV Austria (#TA8012509046)
- Meets EN 13432/ASTM D6400 standard for commercial composting\*

### APPLICATION

Eco Works® 100 is designed to replace standard plastic bags for packaging, shopping, and a variety of other industrial or commercial uses.



\*This product is intended to be composted in a commercial composting facility operated in accordance with best management practices. Check locally to see if such a facility exists in your community and if they will accept this product. Not suitable for backyard composting.

TYPICAL PROPERTIES

Eco Works® 100 Mechanical Properties					
Property		Test Method	Units		
Caliper		ASTM D6988	mil (µm)	1 (25.4)	2 (50.8)
Breaking Factor	MD	ASTM D882-02	lbs/in (N/m)	8.239 (1.443)	11.556 (2024)
	CD			6.369 (1116)	10.36 (1814)
Tensile Strength at Break	MD	ASTM D882-02	psi (MPa)	8203 (56)	5910 (41)
	CD			6272 (43)	5219 (36)
Elongation at Break	MD	ASTM D882-02	%	295.26	298.50
	CD			301.22	298.66
Yield Strength	MD	ASTM D882-02	psi (MPa)	4375 (30)	4264 (29)
	CD			3585 (25)	3716 (26)
Dart Drop Impact Resistance		ASTM D1709-04, Test Method A	grams	136.61	97.20
Puncture Resistance	Outside	MIL-STD-3010, TM 2065	lbf (gram force)	4.092 (1855)	7.088 (3215)
	Inside			4.975 (2257)	7.32 (3320)
Tear Strength	MD	ASTM D1922-06A	mN	371	939
	CD			818	669
Coefficient of Friction		ASTM D1894	static	0.01	0.01
			kinetic	0.27	0.27

Typical properties represent average laboratory values and are intended as guides only, not as specifications.

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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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