



# Exopack®

## RAVE™ - Composite

Product Data Sheet

### Product Description

RAVE-Composite is a multi-layer structure that incorporates the use of Exopack's DarTek™ film for improved strength resulting in reduced transit/shelf damage and appearance characteristics. This product is suitable for large format packaging of products such as pet food, animal feed, agricultural products, and other industrial products.



### Features

- Pinch seal available
- Sewn closure available
- Slider reclosure - coming soon
- 10-color process printing available
- Reverse print on film
- Face width: 11"-20"
- Length: 21"-42"
- Gusset width: 2"-8"
- Full web width: 53" maximum

### Benefits

- Reduced transit/shelf damage
- Improved appearance compared to MW paper
- Similar stiffness to MW paper allows for continued use of current paper-based assets
- PBOM option reportedly allows for a 30% efficiency improvement over Sewn WPP
- Studies show PBOM option provides a 9X reduction in on when compared to Sewn WPP
- Utilizes renewable resources from SFI certified suppliers
- Allows for greater flexibility and strength for large gusseted bags
- Low-to-no dimpling
- Domestic supply stream
- Eliminates fluorocarbon treatment of paper

### Available Structures

- Sewn Open Mouth Bags
- Pinch Bottom Open Mouth Bags

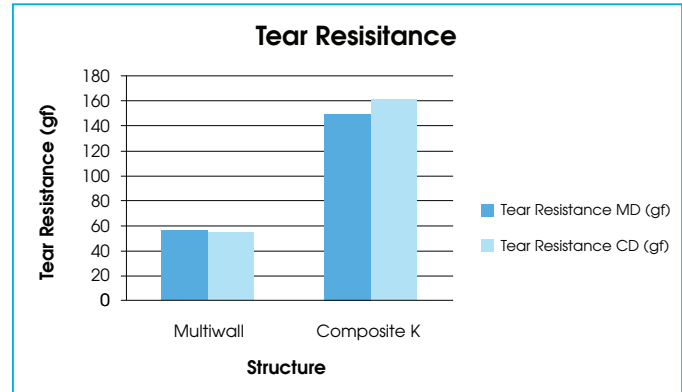
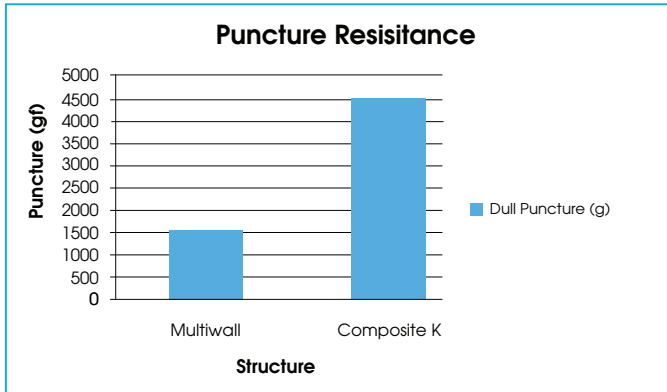
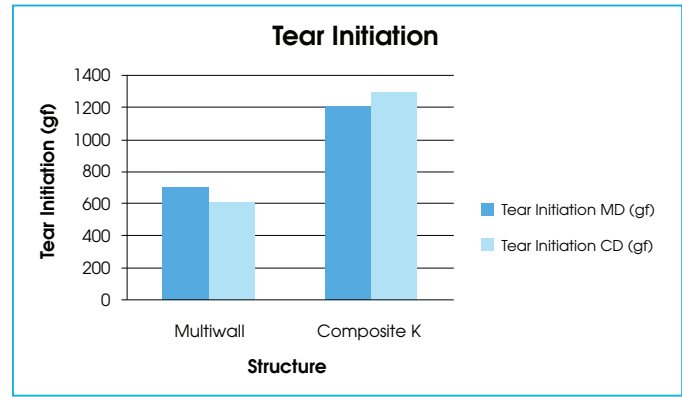
**Complies with FDA regulation 21 CFR 177.1520(c) 3.1b, which allows for its use in direct food contact applications.**

The data listed here fall within the normal range of product properties and is believed to be accurate and reliable. However, they should not be used to establish specification limits nor used alone as the basis of design. This information is offered solely for your consideration, investigation, and verification and is not to be construed as a warranty for which we assume legal responsibility. It is the customer's responsibility to be guided by his own tests and methods to ensure the quality of his product.

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Property	Test Method	Unit	Typical Value
<b>Physical</b>			
Thickness	ASTM D2103	mil	10.5
CoF	ASTM D1849	n/a	0.7-0.8
<b>Mechanical</b>			
Tensile (MD/CD)	ASMD D882	lbf	40/40
Tear Resistance (MD/CD)	ASTM D1922	gf	150/160
Tear Initiation (MD/CD)	n/a	gf	1200/1300
Dull Probe Puncture	ASTM D5748	gf	4500
<b>Performance</b>			
Composite PBOM <sup>1</sup>	6 cycle; 4 ft fixed height	# of safe drops	16
Composite SOM <sup>1</sup>	6 cycle; 4 ft fixed height	# of safe drops	13
WPP SOM <sup>1</sup>	6 cycle; 4 ft fixed height	# of safe drops	13
Multiwall <sup>1</sup>	6 cycle; 4 ft fixed height	# of safe drops	6
Plastic <sup>1</sup>	6 cycle; 4 ft fixed height	# of safe drops	4

<sup>1</sup>Bags filled with ^50 lbs of dog food. Tests conducted over various bag sizes.



At Exopack, all new packaging is designed with the customers' sustainability goals in mind. For our new RAVE-Composite bags, the following sustainability statements apply:

- By weight, 50% of product is derived from a renewable resource from SFI chain of custody certified suppliers.
- The paper used in this product is not fluorocarbon treated and does not contain PFOA or fluorine.
- Filling efficiency reported improved by 30% when compared to WPP sewing.
- Studies show that Composite PBOM reduces insect infestation by 9X versus Sewn WPP.
- Weighs 0.45 lbs/bag less than Multi-wall (200,000 bags=90,000 lbs).
- Less trucks required for shipment of 200,000 bags (42,500 lb average load).  
Composite K=2.12 trucks, Multi-wall=3.2.
- Raw materials are sourced from North American suppliers, eliminating 1.8 tons of CO2 emissions arising from intercontinental ocean transport for imported WPP fabric. (data provided by EPA and World Shipping Council)

For more information on Composite K, please contact:  
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 Customer Service: 1-877-447-3537 • Fax: 864-596-7157

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