

# EnShield® Natural Kraft

PRODUCT GUIDE

## Provides oil and grease resistance for your customers

EnShield® Natural Kraft is a virgin kraft paperboard that is brown on both sides, provides high\* oil and grease resistance and works well for brands that prefer virgin paperboard and a natural brown color for to-go containers.

Offering sustainability benefits over poly-coated paperboard or plastic packaging, the all-brown packaging can also appeal to eco-conscious consumers.

### Features

- + Made with up to 15% recycled fiber
- + Recyclable
- + High\* level of oil and grease resistance
- + Natural appearance
- + Offers operational efficiencies compared to polycoated paperboard

### Benefits

- + Reduces unsightly oil and grease stains and provides a high level of oil and grease resistance
- + May appeal to consumers and brands that prefer an attractive, natural, all-brown kraft exterior\*\*
- + Strengthens packaging circularity and end-of-life recovery by being recyclable and produced with renewable fibers without intentionally added per/polyfluoroalkyl substances (PFAS)
- + Improves recyclable scrap value when compared to poly-coated paperboard

## Additional Product Information

### Certifications:

- + All WestRock North American paperboard mills are certified to the SFI®, PEFC, FSC™ Chain of Custody Standards. Contact your WestRock sales representative for certified fiber availability for this product.

### Food Contact:

- + Meets multiple national requirements for food contact packaging, e.g., US, Canada, Germany and the EU. Contact your sales representative for information on specific markets and end uses.
- + ISEGA Certificate available.

### Quality:

- + Produced at an ISO 9001 certified facility.

### Environmental and Safety:

- + Notices under US California Proposition 65 and the EU REACH regulation are not required.
- + Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

## Applications

- + Foodservice Takeout Packaging
- + Bakery
- + Frozen Foods

## Product Classification

- + Uncoated Unbleached Kraft
- + UUK Paperboard

\* High is defined by WestRock as a KIT test result of 8+

\*\* WestRock 2017 Consumer Study showed that consumers were more likely to agree that brown packaging is "natural" versus white packaging

## Grade Availability & Typical Properties (U.S.)

Grade Availability by Caliper						Units	Method	
Caliper (pts)	0.014	0.016	0.018	0.020	0.022	inches	T-411	
Nominal Basis Weight	58	66	72	78	84	lbs/MSF	T-410	
Moisture Content	7.0	7.0	7.0	7.0	7.0	percent	T-412	
ZDT	35	35	35	35	35	psi	T-541	
<b>Stiffness</b>								
Taber 15°	MD	140	200	275	350	440	gf-cm	T-489
	CD	70	100	140	175	210	gf-cm	T-489
<b>Barrier Target Values</b>								
Oil & Grease Resistance (OGR)	12	12	12	12	12	3M Kit	T-559	

## Grade Availability & Typical Properties (Metric)

Grade Availability by Weight						Units	Method	
Thickness	356	406	457	508	559	microns	T-411	
Nominal Basis Weight	283	322	352	381	410	gsm	T-410	
Moisture Content	7.0	7.0	7.0	7.0	7.0	percent	T-412	
ZDT	35	35	35	35	35	psi	T-541	
<b>Stiffness</b>								
Taber 15°	MD	13.7	19.6	27.0	34.3	43.1	mNm	T-489
	CD	6.9	9.8	13.7	17.2	20.6	mNm	T-489
<b>Barrier Target Values</b>								
Oil & Grease Resistance (OGR)	12	12	12	12	12	3M Kit	T-559	

Values are subject to change without notice.

For more information, please contact your WestRock representative or visit our website at [westrock.com](http://westrock.com).

The information contained in this Product Guide is accurate to the best of WestRock's knowledge and belief. It is intended, however, only as an introduction to the typical properties of the product. WestRock disclaims any guarantee or warranty with respect to the accuracy of this information or, based on this document, with respect to the suitability of the product for any particular use, including, but not limited to, the compliance of the product with laws, regulations, or standards. This information is subject to change without notice.

All WestRock North American containerboard mills are certified to the SFI®, PEFC™, and FSC™ Chain of Custody Standards. ISO Registration excludes Charleston, Cowpens, Longview, Roanoke Rapids.

