

WestRock  
**EnShield® Natural Kraft**  
**Grease resistant. Planet friendly.**  
**A win-win, naturally.**



WestRock EnShield® Natural Kraft paperboard serves up your food in a way that appeals to consumers' eyes, palates and minds. How? It resists grease and oil stains by providing the same protection as poly-coating—but much more sustainably. Plus, our proprietary research shows that today's eco-conscious consumers prefer packaging with an all-brown, natural look. So, start winning them over with EnShield Natural Kraft.

**Packaging Uses**

- Foodservice
- Takeout Packaging
- Bakery
- Frozen Foods

**Product Classification**

- Uncoated
- Unbleached Kraft
- UUK Paperboard

**What You Can Expect from Us**

- Oil and Grease Resistance** Kit 12 rated oil and grease resistance prevents unappetizing packaging stains from detracting from your food.
- Natural Appearance** All-brown kraft exterior and interior provide an attractive, natural look that appeals to eco-conscious consumers.
- Moisture Vapor Barrier** Highly effective moisture vapor barrier—critical for bakery applications with a longer shelf life.
- Environmentally Friendly** 100% recyclable, repulpable and polyethylene-free, which increases end-of-life options.
- Improved Efficiency** Delivers improved operational efficiencies as compared to poly-coated paperboard by reducing downtime, printing faster and creating high trim value.

**Additional Product Information**

- Sustainability** Made with up to 15% recycled fiber and is recyclable. 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.

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

EnShield® Natural Kraft

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	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	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.

Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCCOC-6S751, FSC Company Code: FSC-C104002.

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