

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	
Stiffness								
Taber 15°	MD	140	200	275	350	440	gf-cm	T-489
	CD	70	100	140	175	210	gf-cm	T-489
Barrier target values								
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	
Stiffness								
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
Barrier target values								
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.

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All WestRock North American mills are ISO Registered and certified to the SFI®, PEFC™, and FSC™ Chain of Custody Standards.

