

Custom Kote® Poly

Guards against grease, moisture and negative consumer perceptions.



Grease and moisture can wreak havoc on packaging. For applications where a barrier is critical, turn to Custom Kote® Poly. This Coated Natural Kraft® (CNK®) paperboard delivers high performance via a low-density polyethylene (LDPE) coating. It's available one-sided (P1S) or two-sided (P2S) in a wide range of surface finishes to meet your specific appearance and printability needs.

Packaging uses

- Bakery
- Frozen Food
- Refrigerated Food
- Foodservice
- Takeout Packaging

Product Classification

- Polymer-Coated
- Coated Natural Kraft®
- CNK® Paperboard
- Coated
- Unbleached Kraft

What You Can Expect from Us

- Strength** Strong softwood fibers deliver excellent strength and performance for dry, refrigerated and frozen environments.
- Integrity** A unique LDPE barrier coating provides resistance to moisture, oil, and grease.
- Printability** A top layer of hardwood fiber and proprietary clay coating provide a smooth, opaque surface to enable crisp, vibrant graphics for maximum shelf appeal.
- Versatility** Enables flexibility in packaging design with features such as handles, windows, and apertures.
- Recycled Fiber Content** Produced with up to 15% recycled fiber, providing an option for meeting your corporate sustainability goals.

Additional Product Information

- Sustainability** Made with recycled fiber. 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 and Canada. Contact your sales representative for information on specific markets and end uses.
- 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.)

Custom Kote® Poly

Grade Availability by Caliper										Units	Method	Tolerance	
Caliper (pts)	0.014	0.016	0.018	0.020	0.022	0.024	0.026	0.028	0.030	inches	T-411	+/- .001	
Nominal Basis Weight	60	68	74	80	86	93	100	107	114	lbs/MSF	T-410		
Moisture	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.2	7.2	percent	T-412		
ZDT	35	35	35	35	35	35	35	35	35	psi	T-541		
Stiffness													
Taber 15°	MD	140	200	275	350	440	545	650	760	870	gf-cm	T-489	+/- 15%
	CD	70	100	140	175	210	255	310	370	425	gf-cm	T-489	+/- 15%
Smoothness													
Sheffield	80	90	115	140	145	145	165	165	165	mL/min	T-538		
Coated Side													
GE Brightness	78	78	78	78	78	78	78	78	78	percent	T-452		
Parker Print	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	µm	T-555		
Color													
Hunter	b	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	L-a-b	T-524	

Values are for basestock only; for nominal basis weight, add 4.8 lbs/MSF per 1.0 mil of polymer.

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight										Units	Method	Tolerance	
Thickness	356	406	457	508	559	610	660	711	762	microns	T-411	+/- 25.4	
Nominal Basis Weight	293	332	361	391	420	454	488	522	557	gsm	T-410		
Moisture	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.2	7.2	percent	T-412		
ZDT	35	35	35	35	35	35	35	35	35	psi	T-541		
Stiffness													
Taber 15°	MD	13.7	19.6	27.0	34.3	43.1	53.4	63.7	74.5	85.3	mNm	T-489	+/- 15%
	CD	6.9	9.8	13.7	17.2	20.6	25.0	30.4	36.3	41.7	mNm	T-489	+/- 15%
Smoothness													
Sheffield	80	90	115	140	145	145	165	165	165	mL/min	T-538		
Coated Side													
GE Brightness	78	78	78	78	78	78	78	78	78	percent	T-452		
Parker Print	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	µm	T-555		
Color													
Hunter	b	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	L-a-b	T-524	

Values are for basestock only; for nominal basis weight, add 23.4 gsm per 1.0 mil of polymer.

Values are subject to change without notice.

For more information, please contact your WestRock representative or visit our website at 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-PEFCOC-6S751, FSC Company Code: FSC-C104002

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