

CustomKote® Poly

PRODUCT GUIDE

Printability with grease and moisture resistance.

Engineered for strength in dry, refrigerated and frozen environments, CustomKote® Poly maintains integrity throughout the supply chain. Its proprietary clay coating enables crisp, vibrant graphics, while its LDPE barrier coating provides resistance to moisture, oil and grease — for packaging that's as beautiful as it is durable.

Features

- Low-density polyethylene (LDPE) barrier coating
- Strong softwood fibers with a top layer of hardwood fiber
- Available as one-sided (P1S) or two-sided (P2S) paperboard
- Proprietary clay coating provides a smooth and opaque surface

Benefits

- Provides resistance to moisture, oil and grease
- Delivers excellent strength and performance for dry, refrigerated and frozen environments
- Provides optimal product protection via its strength and durability throughout the supply chain
- Enables crisp, vibrant graphics
- Offers versatility for a variety of food packaging applications
- Allows for flexibility in packaging design by supporting handles, windows and apertures

Additional product information

Sustainability

- Made with up to 15% recycled fiber.
- All Smurfit Westrock North American paperboard mills are certified to the SFI®, PEFC, FSC™ Chain of Custody Standards. Contact your Smurfit Westrock sales representative for certified fiber availability for this product.
- Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCCOC-6S751, FSC Company Code: FSC-C104002.

Quality

- Produced at an ISO 9001 certified facility.

Environmental and Product 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.

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.

Applications

- Bakery
- Frozen Food
- Refrigerated Food
- Foodservice

Product classification

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

Grade availability and typical properties (U.S.)

Grade availability by caliper										Units	Method
Caliper (pts)	0.014	0.016	0.018	0.020	0.022	0.024	0.026	0.028	0.030	inches	T-411
Nominal basis weight	60	68	74	80	86	93	100	107	114	lbs/MSF	T-410
Moisture content	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	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
	CD	70	100	140	175	210	255	310	370	425	gf-cm T-489
Smoothness											
Sheffield	100	100	115	140	145	145	165	165	165	SU	T-538
Coated side											
Parker Print	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	µm	T-555
GE Brightness	78	78	78	78	78	78	78	78	78	percent	T-452
Color											
Hunter	b	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 and typical properties (Metric)

Grade availability by weight										Units	Method
Thickness	356	406	457	508	559	610	660	711	762	microns	T-411
Nominal basis weight	293	332	361	391	420	454	488	522	557	gsm	T-410
Moisture content	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	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
	CD	6.9	9.8	13.7	17.2	20.6	25.0	30.4	36.3	41.7	mNm T-489
Smoothness											
SU	100	100	115	140	145	145	165	165	165	mL/min	T-538
Coated side											
Parker Print	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	µm	T-555
GE Brightness	78	78	78	78	78	78	78	78	78	percent	T-452
Color											
Hunter	b	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 Smurfit Westrock representative or visit our website at westrock.com/customkote.

The information contained in this Product Guide is accurate to the best of Smurfit Westrock's knowledge and belief. It is intended, however, only as an introduction to the typical properties of the product. Smurfit 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.

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