

Printkote® Poly

Impactful graphics meets remarkable protection.



A strong brand image starts with great-looking graphics. But, failing to block moisture can ruin the experience for consumers. That's why Printkote® Poly delivers exceptional printing characteristics combined with a tough moisture and grease barrier. Available in a wide range of surface finishes, Printkote Poly is a coated bleached SBS paperboard with a low-density polyethylene (LDPE) barrier coating. You can choose one-sided (P1S) or two-sided (P2S).

Packaging uses

- Frozen Food
- Labels and Tags
- Refrigerated Food
- Shelf Stable Baked Goods
- Foodservice
- Takeout Packaging

Product Classification

- Polymer-Coated
- Solid Bleached Sulfate
- SBS Paperboard
- GZ

What You Can Expect from Us

- Consistency** Delivers best-in-class uniformity for optimum runnability on converting and filling equipment.
- Versatility** Choose from a broad range of calipers, choice of finish (matte, satin or mirror pocket/gloss), coatings and thicknesses.
- Surface Uniformity** A smooth surface enables outstanding ink holdout for excellent printability and a consistent brand image.
- Fade Resistance** Classic bright-white styling is achieved without the need for optical brightening agents (OBA). The result is high whiteness without the risk of fading commonly associated with some OBA grades.

Additional Product Information

- Sustainability** 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. Kosher documentation 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. Elemental chlorine free (ECF) bleached fiber. 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.)

Printkote® Poly

Grade Availability by Caliper												Units	Method	Tolerance	
Caliper (pts)	0.010	0.012	0.014	0.015	0.016	0.018	0.020	0.022	0.024	0.026	0.028	inches	T-411	+/- .001	
Nominal Basis Weight	124	145	163	172	182	199	212	233	250	267	284	lbs/3000 sq ft	T-410		
Moisture	5.3	5.3	5.3	5.3	5.6	5.6	5.6	5.6	5.6	5.6	5.6	percent	T-412		
Internal Bond	75	65	70	70	70	70	75	80	80	80	80	.001 ft-lb/sq in	T-569		
Stiffness															
Taber 15°	MD	60	85	120	150	170	220	280	355	440	500	550	gf-cm	T-489	+/- 15%
	CD	30	45	60	85	95	120	155	190	230	265	290	gf-cm	T-489	+/- 15%
Coated Side															
GE Brightness	86	86	86	86	86	86	86	86	86	86	86	86	percent	T-452	
Parker Print	1.0	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	µm	T-555	
ZDT	60	52	47	45	40	40	40	40	40	40	40	40	psi	T-541	
Color															
Hunter	L	93	93	93	93	93	93	93	93	93	93	93	L-a-b	T-524	
	a	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524	
	b	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	L-a-b	T-524	

Values are for basestock only; for nominal basis weight including polymer, add 14.4 lbs/3000 sq. ft. per 1.0 mil of polymer.

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight												Units	Method	Tolerance	
Thickness	254	305	356	381	406	457	509	559	610	660	711	microns	T-411	+/-25.4	
Nominal Basis Weight	201.9	236	265	280	296	324	345	379	407	435	462	gsm	T-410		
Moisture	5.3	5.3	5.3	5.3	5.6	5.6	5.6	5.6	5.6	5.6	5.6	percent	T-412		
Internal Bond	158	137	147	147	147	147	158	168	168	168	168	J/m ²	T-569		
Stiffness															
Taber 15°	MD	5.9	8.3	11.8	14.7	16.7	21.6	27.5	34.8	43.1	49.0	53.9	mNm	T-489	+/- 15%
	CD	2.9	4.4	5.9	8.3	9.3	11.8	15.2	18.6	22.6	26.0	28.4	mNm	T-489	+/- 15%
Coated Side															
GE Brightness	86	86	86	86	86	86	86	86	86	86	86	86	percent	T-452	
Parker Print	1.0	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	µm	T-555	
ZDT	413	359	324	310	276	276	276	276	276	276	276	276	kPa	T-541	
Color															
Hunter	L	93	93	93	93	93	93	93	93	93	93	93	L-a-b	T-524	
	a	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524	
	b	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	L-a-b	T-524	

Values are for base stock only; for nominal basis weight including polymer, 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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