

Product: Printkote PE

Category: Packaging | Cartonboard

Country of Origin: United States of America

Technical specifications:

Printkote PE is a coated bleached SBS paperboard with a low-density polyethylene (LDPE) barrier coating that delivers exceptional printing characteristics with a tough moisture and grease barricade.

Packaging uses:

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

Product Classification

Polymer-Coated
Solid Bleached
Sulfate
SBS Paperboard
GZ

What You Can Expect

- | | |
|--------------------|---|
| 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

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| Sustainability | All WestRock North American paperboard mills are certified to the SFI®, PEFC™, FSC™ Chain of Custody Standards. |
| Food Contact | Meets multiple national requirements for food contact packaging, eg. US, Canada, Germany and the EU. |
| 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. |

Technical specification sheet

Ball & Doggett

ballanddoggett.com.au

GRADE AVAILABILITY & TYPICAL PROPERTIES (US)

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	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	µm	T-555		
ZDT	60	52	47	45	40	40	40	40	40	40	40	psi	T-541		
Colour															
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	

GRADE AVAILABILITY & TYPICAL PROPERTIES (Metric)

Grade Availability by Weight												Units	Method	Tolerance	
Thickness	254	305	356	381	406	457	508	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	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	28.4	mNm	T-489	+/- 15%
Coated Side															
GE Brightness	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	µm	T-555		
ZDT	413	359	324	310	276	276	276	276	276	276	276	kPa	T-541		
Colour															
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	