

PACKAGING USES

Frozen Food
Refrigerated Food
Labels & Tags

Introduction

Printkote Poly is an excellent coated bleached paperboard with a low density polyethelene (LDPE) barrier coating available one sided (P1S) or two sided (P2S) in a wide range of surface finishes. Consistent performance on press, in high-speed converting operations and on filling lines has made this extruded SBS paperboard an industry favorite for applications where moisture barrier, grease barrier or heat sealability is required. Built on the SBS packaging standards of Printkote, Printkote Poly meets the needs of today's discriminating brand owners with a bright-white, glossy coated side for exceptional printability and a uniform, white uncoated back.

FEATURES

Consistency

Versatility

Surface Uniformity

Fade Resistance

CERTIFICATIONS

Manufacturing

Forestry and Procurement

Chain of Custody

Food Contact

Environmental and Safety

CLASSIFICATIONS

Product Type

Mill

Converting

BENEFITS

Best-in-class uniformity for optimum runnability on converting and filling equipment which results in maximized throughput and efficiency.

Broad range of calipers, choice of finish (matte, satin or mirror-pocket/gloss), coating and thickness makes Printkote Poly a flexible alternative across a wide array of uses.

Smooth surface and outstanding ink holdout for excellent printability and consistent brand image.

Classic bright-white styling achieved without the need for Optical Brightening Agents (OBA), resulting in high whiteness without the risk of fading commonly associated with some OBA grades.

ISO 9001:2008

SFI Standards for Land Management and Wood Procurement (PEFC Endorsed)

SFI Chain of Custody Certified: BV-SFICOC-US08000163
PEFC Chain of Custody Certification: Specific by Application. Contact MWV for Details.

USFDA 21 CFR §176.170 - Contact with Aqueous & Fatty Foods (without restriction)
USFDA 21 CFR §176.180 - Components of Paper and Paperboard in Contact with Dry Food (without restriction)
USFDA 21 CFR 175.300 Resinous & Polymeric Coatings
ISEGA Certificate of Conformity / BFR and EC No. 1935/2004
Acceptable for use with Kosher Foods

US California Proposition 65 Compliant
CONEG Model Heavy Metal and EC/94/62 Article II Compliant
ASTM F 963-95 Toy Safety, EN 71-3 European Toy Safety Compliant
CPSC 16 CFR 1303 Lead Ban Compliant
Elemental Chlorine Free (ECF) Bleached Fiber
RoHS Compliant

Polymer-Coated, Solid Bleached Sulfate, SBS Paperboard

Covington, Virginia, U.S.A.

Low Moor, Virginia, U.S.A.

Printkote® Poly

PAPERBOARD

Grade Availability & Typical Properties (US)

Grade Availability by Caliper										Units	Method
Caliper (pts)	0.012	0.014	0.015	0.016	0.018	0.020	0.022	0.024		inches	T-411
Nominal Basis Weight	145	163	172	182	199	212	233	250		lb/3000 sq. ft.	T-410
Moisture	5.3	5.3	5.3	5.6	5.6	5.6	5.6	5.6		percent	T-412
Internal Bond	65	70	70	70	70	75	80	85		1/1000 ft-lb	T-833
Stiffness											
Taber 15°	MD	85	135	160	180	235	300	385	475	gcm	T-489
	CD	45	65	80	100	130	165	205	245	gcm	T-489
Coated Side											
GE Brightness	86	86	86	86	86	86	86	86	86	percent	T-452
Gloss	50	50	50	45	45	45	45	45	45	percent	T-480
Parker Print	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.2	PPS	T-555
ZDT	52	47	45	40	40	40	40	40	40	psi	T-541
Color											
Hunter	L	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	L-a-b	T-524
	b	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	L-a-b	T-524

Values are for base stock only; for nominal basis weight, add 14.4 lbs/3000 sq ft per 1 mil polymer.

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight										Units	Method
Nominal Basis Weight	236	265	280	296	324	345	379	407		gsm	T-410
Thickness	305	356	381	406	457	509	559	610		microns	T-411
Moisture	5.3	5.3	5.3	5.6	5.6	5.6	5.6	5.6		percent	T-412
Internal Bond	137	147	147	147	147	158	168	179		J/m2	T-833
Stiffness											
Taber 15°	MD	8.3	13.2	15.7	17.7	23.0	29.4	37.8	46.6	mNm	T-489
	CD	4.4	6.4	7.8	9.8	12.7	16.2	20.1	24.0	mNm	T-489
Coated Side											
GE Brightness	86	86	86	86	86	86	86	86	86	percent	T-452
Gloss	50	50	50	45	45	45	45	45	45	percent	T-480
Parker Print	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.2	PPS	T-555
ZDT	359	324	310	276	276	276	276	276	276	kPa	T-541
Color											
Hunter	L	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	L-a-b	T-524
	b	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	L-a-b	T-524

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

Stiffness values shown represent measurements at the time of manufacture; field measurements are typically 3-5% higher.



For more information, please contact your MWV representative, or visit our website at www.mwv.com.

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