

Printkote® Release

PAPERBOARD

PACKAGING USES

Food
Food Service

Reduce costs by baking and serving food in a single, printable container. Printkote Release is dual ovenable (conventional and microwave) and can be formed into a variety of configurations to address the needs of in-store and institutional bakeries. Coated on one side with polymethylpentene, it offers excellent release properties and is resistant to oil and grease. Since Printkote Release is made of paperboard, it offers improved metal detection capability over conventional institutional cookware.

FEATURES

Non-Stick Polymer

Multiple Uses

Thermal Stability

Metal-Free

Consistency

CERTIFICATIONS

Manufacturing Forestry and Procurement

Chain of Custody

Food Contact

Environmental and Safety

CLASSIFICATIONS

Product Type

Mill

Converting

BENEFITS

The innovative polymer coating creates superior release for bakery products. This results in improved product yield, reduced unsaleables and potential savings on oil/grease used to promote release from conventional cookware.

Since Printkote Release can be used for freezing, baking, and serving, the need to repack products from pan to retail carton as well as the need to wash cookware are eliminated. The associated material and labor savings fall right to the bottom line.

Excellent heat resistance means reduced warping and twisting relative to alternative coated paperboards. This results in superior performance in the oven and on the conveyor as well as enhanced shelf appeal.

Printkote Release is the paperboard alternative to aluminum baking pans. It offers improved metal detection capability without a loss in cooking performance.

Uniformity from roll-to-roll and sheet-to-sheet increases efficiency on high-speed forming and filling lines. The clay-coated exterior yields a smooth, consistent surface for high-quality printing.

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)

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.

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PAPERBOARD

Grade Availability & Typical Properties (US)

Grade Availability by Caliper							Units	Method	
Caliper (pts)	0.014	0.016	0.018	0.020	0.022	0.024	inches	T-411	
Nominal Basis Weight	163	182	199	212	233	250	lb/3000 sq. ft.	T-410	
Moisture	5.3	5.6	5.6	5.6	5.6	5.6	percent	T-412	
Internal Bond	70	70	70	75	80	85	1/1000 ft-lb	T-833	
Stiffness									
Taber 15°	MD	135	180	235	300	385	475	gcm	T-489
	CD	65	100	130	165	205	245	gcm	T-489
Coated Side									
GE Brightness	86	86	86	86	86	86	percent	T-452	
Gloss	50	45	45	45	45	45	percent	T-480	
Parker Print	1.0	1.2	1.2	1.2	1.2	1.2	PPS	T-555	
ZDT	47	40	40	40	40	40	psi	T-541	
Color									
Hunter	L	93	93	93	93	93	93	L-a-b	T-524
	a	-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	L-a-b	T-524

Values are for base stock only; for nominal basis weight including polymer, add 10 lbs/3000 sq. ft or ream.

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight							Units	Method	
Nominal Basis Weight	265	296	324	345	379	407	gsm	T-410	
Thickness	356	406	457	509	559	610	microns	T-411	
Moisture	5.3	5.6	5.6	5.6	5.6	5.6	percent	T-412	
Internal Bond	112	147	147	158	168	179	J/m2	T-833	
Stiffness									
Taber 15°	MD	13.2	17.7	23.0	29.4	37.8	46.6	mNm	T-489
	CD	6.4	9.8	12.7	16.2	20.1	24.0	mNm	T-489
Coated Side									
GE Brightness	86	86	86	86	86	86	percent	T-452	
Gloss	50	45	45	45	45	45	percent	T-480	
Parker Print	1.0	1.2	1.2	1.2	1.2	1.2	PPS	T-555	
ZDT	324	276	276	276	276	276	kPa	T-541	
Color									
Hunter	L	93	93	93	93	93	93	L-a-b	T-524
	a	-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	L-a-b	T-524

Values are for base stock only; for nominal basis weight including polymer, add 15 gsm.

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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