

# Printkote<sup>®</sup> paperboard

## Packaging uses

- Beauty & Personal Care
- Food Packaging
- Food Service
- Healthcare
- Media & Electronics

Printkote is a high quality, coated bleached paperboard featuring a market leading stiffness-to-weight ratio. Reliable performance and versatility have made Printkote an industry favorite for all types of packaging and printing applications. It meets the needs of today's discriminating brand owners with a bright white, glossy coated side for exceptional printability, and a uniform, smooth uncoated back side. Printkote runs consistently on press, in high-speed converting operations and on filling lines.

## Features

### Consistency

### Surface Uniformity

### Fade Resistance

### Caliper Range

### Stiffness-to-Weight Ratio

## Benefits

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

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

Classic 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.

Broad caliper offerings for use across a wide array of packaging and printing applications.

Provides advantage for retailer packaging scorecard and brand owner corporate sustainability programs.

## Certifications

### Manufacturing

### Forestry and Procurement

### Chain of Custody

### Food Contact

### Environmental and Safety

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

U.S. 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  
Elemental Chlorine Free (ECF) Bleached Fiber  
RoHS Compliant

## Classifications

### Product Type

Solid Bleached Sulfate, SBS Paperboard, GZ

# Printkote®

Grade Availability & Typical Properties (U.S.)												
Grade Availability by Caliper										Units	Method	
Caliper	0.012	0.014	0.015	0.016	0.017	0.018	0.020	0.022	0.024	inches	T-411	
Nominal Basis Weight	145	163	172	182	187	199	212	233	250	lb/1000 sq. ft.	T-410	
Moisture	5.3	5.3	5.5	5.6	5.5	5.6	5.6	5.6	5.6	percent	T-412	
Internal Bond	65	70	70	70	70	70	75	80	85	1/1000 ft.-lb	T-833	
Stiffness												
Taber 15°	MD	85	135	160	180	205	235	300	385	475	gcm	T-489
	CD	25	65	80	100	115	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	48	48	46	48	45	45	45	percent	T-480	
Parker Print	1.0	1.0	1.1	1.1	1.2	1.1	1.2	1.2	1.2	PPS	T-555	
ZDT	52	47	45	45	40	40	40	40	40	psi	T-541	
Color												
Hunter	L	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	L-a-b	T-524
	b	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	L-a-b	T-524

Grade Availability & Typical Properties (Metric)												
Grade Availability by Weight										Units	Method	
Thickness	305	356	381	406	432	457	509	559	610	microns	T-411	
Nominal Basis Weight	236	265	280	296	304	324	345	379	407	gsm	T-410	
Moisture	5.3	5.3	5.5	5.6	5.5	5.6	5.6	5.6	5.6	percent	T-412	
Internal Bond	137	147	147	147	147	147	158	168	179	J/m <sup>2</sup>	T-833	
Stiffness												
Taber 15°	MD	8.7	13.8	16.3	18.3	20.9	24.0	30.6	39.2	48.4	mNm	T-489
	CD	4.6	6.6	8.2	10.2	11.7	13.2	16.8	20.9	25	mNm	T-489
Coated Side												
GE Brightness	86	86	86	86	86	86	86	86	86	percent	T-452	
Gloss	50	50	48	48	46	48	45	45	45	percent	T-480	
Parker Print	1.0	1.0	1.1	1.1	1.2	1.1	1.2	1.2	1.2	PPS	T-555	
ZDT	358	324	310	310	276	276	276	276	276	kPa	T-541	
Color												
Hunter	L	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	L-a-b	T-524
	b	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	L-a-b	T-524

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 [mwv.com](http://mwv.com).

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