

PrintKote® Paperboard

PRODUCT GUIDE

Incredibly versatile, powerfully sustainable.

When it comes to versatility, PrintKote® leads the way. From foodservice to beauty packaging to healthcare, PrintKote offers a recyclable, high-quality solution for a wide range of applications.

Features

- Reliable uniformity
- Designed to provide a smooth surface and excellent ink holdout
- Classic bright-white styling without the use of optical brightening agents (OBA)
- High stiffness-to-weight ratio
- Consistent converting
- 12 caliper options

Benefits

- Delivers efficient runnability on converting and filling equipment
- Offers excellent printability
- Can prevent fading
- Can allow for increased throughput on converting and filling equipment
- Can reduce wasted board through conversion
- Provides a versatile solution for a wide range of applications

Additional product information

Sustainability

- Recyclable.
- All Smurfit Westrock North American paperboard mills are certified to the SFI®, PEFC, FSC™ Chain of Custody Standards. Contact your Smurfit Westrock sales representative for certified fiber availability for this product.
- Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCCOC-6S751, FSC Company Code: FSC-C104002.

Quality

- Produced at an ISO 9001 certified facility.

Environmental and Product 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.

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.

Applications

- Beauty and personal care
- Food packaging
- Foodservice
- Healthcare
- Media and electronics
- Store signage
- Greeting cards
- Book covers
- Game cards
- Brochures

Product classification

- Solid Bleached Sulfate
- SBS Paperboard
- GZ

Grade availability and typical board properties (U.S.)

Grade availability by caliper													Units	Method	
Caliper (pts)	0.010	0.012	0.014	0.015	0.016	0.017	0.018	0.020	0.022	0.024	0.026	0.028	inches	T-411	
Nominal basis weight	124	145	163	172	182	187	199	212	233	250	267	284	lbs/3000 sq ft	T-410	
Moisture content	5.3	5.3	5.3	5.5	5.6	5.5	5.6	5.6	5.6	5.6	5.6	5.6	percent	T-412	
Internal bond	75	65	70	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	190	220	280	355	440	500	550	gf-cm	T-489
	CD	30	45	60	85	95	105	120	155	190	230	265	290	gf-cm	T-489
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	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	µm	T-555	
ZDT	60	52	47	45	45	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	

Grade availability and typical board properties (Metrics)

Grade availability by weight													Units	Method	
Thickness	254	305	356	381	406	432	457	508	559	610	660	711	microns	T-411	
Nominal basis weight	202	236	265	280	296	304	324	345	379	407	435	462	gsm	T-410	
Moisture content	5.3	5.3	5.3	5.5	5.6	5.5	5.6	5.6	5.6	5.6	5.6	5.6	percent	T-412	
Internal bond	158	137	147	147	147	147	147	158	168	168	168	168	J/m²	T-569	
Stiffness															
Taber 15°	MD	5.9	8.3	11.8	14.7	16.7	18.6	21.6	27.5	34.8	43.1	49.0	53.9	mNm	T-489
	CD	2.9	4.4	5.9	8.3	9.3	10.3	11.8	15.2	18.6	22.6	26.0	28.4	mNm	T-489
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	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.2	µm	T-555	
ZDT	413	358	324	310	310	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 subject to change without notice.

For more information, please contact your Smurfit Westrock representative or visit our website at [westrock.com/printkote](https://www.westrock.com/printkote).

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All Smurfit Westrock North American mills are ISO registered and certified to the SFI®, PEFC™, and FSC™ Chain of Custody Standards.

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