

PrintKote® Poly

PRODUCT GUIDE

Impactful graphics meets remarkable protection.

A strong brand image starts with great-looking graphics — but failing to block moisture can ruin them. With its low-density polyethylene (LDPE) barrier coating that delivers a high level of moisture and grease resistance, consistent ink holdout, and variety of customizable options, PrintKote® Poly provides brand image consistency for a wide range of food applications.

Features

- Reliable uniformity
- Smooth and fade resistant surface
- Broad range of calipers, choice of finish, coatings and thicknesses
- Classic bright-white styling without the use of optical brightening agents (OBA)

Benefits

- Delivers consistent runnability on converting and filling equipment
- Provides consistent ink holdout for exceptional printing characteristics and brand image consistency
- Offers versatility

Additional product information

Sustainability

- All Smurfit Westrock North American paperboard mills are certified to the SFI®, PEFC/29-31-216, 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-SFI-COC-6S751, PEFC: NSF-PEFC-COC-0000751, FSC: SA-COC-010294.

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

- Frozen food
- Refrigerated foods
- Shelf stable baked goods
- Foodservice takeout packaging
- Labels and tags

Product classification

- Polymer-coated
- 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	0.018	0.020	0.022	0.024	0.026	0.028	inches	T-411
Nominal basis weight		124	139	156	165	175	191	212	233	250	267	284	lbs/3000 sq ft	T-410
Moisture content		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
	CD	30	45	60	85	95	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	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	µm	T-555
ZDT		60	52	47	45	45	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

Values are for basestock only; for nominal basis weight including polymer, add 14.4 lbs/3000 sq. ft. per 1.0 mil of polymer.

Grade availability and typical board properties (Metric)

Grade availability by weight												Units	Method	
Thickness		254	305	356	381	406	457	508	559	610	660	771	microns	T-411
Nominal basis weight		202	227	255	269	284	311	345	379	407	435	462	gsm	T-410
Moisture content		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/m²	T-569
Stiffness														
Taber 15°	MD	5.9	8.3	11.8	14.7	16.7	21.6	27.5	34.8	43.1	49.0	53.9	mNm	T-489
	CD	2.9	4.4	5.9	8.3	9.3	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	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	µm	T-555
ZDT		413	359	324	310	310	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 for base stock only; for nominal basis weight including polymer, add 23.4 gsm per 1.0 mil. of polymer. Values are subject to change without notice.

For more information, please contact your Smurfit Westrock representative or visit our website at westrock.com/printkote.

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