

Carrier Kote®

Wet, cold environments have met their match.



Carrier Kote® is a high-performing unbleached kraft paperboard that delivers consistency, time and again. Engineered for strength and to address the demands of wet and cold environments, it's no wonder Carrier Kote has become the worldwide industry standard for beverage carton packaging. The coated side features a smooth, glossy surface for exceptional printability that results in stunning billboard graphics that demand attention. You can also expect outstanding converting performance, especially in the areas of die-cutting, folding, and gluing.

Packaging uses

Beverage
Filter Frames

Product Classification

Coated Natural Kraft®
CNK® Paperboard
Coated Unbleached Kraft

What You Can Expect from Us

- Strength and Integrity** Carrier Kote's excellent strength properties provide packaging integrity in wet and cold environments, common in the beverage industry.
- Printability** Carrier Kote's proprietary clay coating gives it a smooth, opaque surface and enables crisp, vibrant graphics. You can expect great shelf-appeal.
- Stiffness-to-Weight Ratio** Stiffness levels can be achieved at lower calipers and at lower weights than competitive substrates. This can help support your cost reduction and sustainability efforts.
- Versatility** Carrier Kote permits a great deal of packaging design flexibility. You can explore options such as handles, windows, and apertures.
- Consistency** All Carrier Kote paperboard is produced at a single mill. Hence, you can expect consistent composition and quality across all of your orders.
- Recycled Fiber Content** Produced with up to 15% recycled fiber, providing an option for meeting your corporate sustainability goals.

Additional Product Information

- Sustainability** Made with recycled fiber and is recyclable. All WestRock North American paperboard mills are certified to the SFI®, PEFC™, FSC™ Chain of Custody Standards. Contact your WestRock sales representative for certified fiber availability for this product.
- 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.
- Quality** Produced at an ISO 9001 certified facility.
- Environmental and Safety** Notices under US California Proposition 65 and the EU REACH regulation are not required. Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

Grade Availability & Typical Properties (U.S.)

Carrier Kote®

Grade Availability by Caliper													Units	Method
Caliper (pts)	0.016	0.018	0.020	0.021	0.022	0.023	0.024	0.025	0.026	0.027	0.028	inches	T-411	
Nominal Basis Weight	66	72	78	82	85	89	92	96	99	103	106	lbs/MSF	T-410	
Moisture	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	percent	T-412	
ZDT	35	35	35	35	35	35	35	35	35	35	35	psi	T-541	
Elmendorf Tear														
Dry	MD	430	490	555	585	600	630	655	680	720	750	785	gf	T-414
	CD	475	540	595	630	650	680	705	735	765	825	850	gf	T-414
Wet	MD	400	450	500	530	570	575	600	630	655	680	700	gf	
	CD	425	504	548	570	600	615	630	655	675	715	730	gf	
Stiffness														
Taber 15°	MD	191	257	333	376	420	468	518	570	626	683	744	gf-cm	T-489
	CD	87	115	151	171	194	218	244	272	302	334	367	gf-cm	T-489
Smoothness														
Sheffield	150	150	150	150	150	150	150	150	150	150	150	150	mL/min	T-538
Coated Side														
Parker Print	2	2	2	2	2	2	2	2	2	2	2	2	µm	T-555
GE Brightness	74	74	74	74	74	74	74	74	74	74	74	74	percent	T-452
Color														
Hunter	b	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	L-a-b	T-524

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight													Units	Method
Thickness	406	457	508	533	559	584	610	635	660	686	711	microns	T-411	
Nominal Basis Weight	322	352	381	400	415	435	449	469	483	503	518	gsm	T-410	
Moisture	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	percent	T-412	
ZDT	241	241	241	241	241	241	241	241	241	241	241	J/m ²	T-541	
Elmendorf Tear														
Dry	MD	430	490	555	585	600	630	655	680	720	750	785	gf	T-414
	CD	475	540	595	630	650	680	705	735	765	825	850	gf	T-414
Wet	MD	400	450	500	530	570	575	600	630	655	680	700	gf	
	CD	425	504	548	570	600	615	630	655	675	715	730	gf	
Stiffness														
Taber 15°	MD	18.7	25.2	32.7	36.9	41.2	45.9	50.8	55.9	61.4	67.0	73.0	mNm	T-489
	CD	8.5	11.3	14.8	16.8	19.0	21.4	23.9	26.7	29.6	32.8	36.0	mNm	T-489
Smoothness														
Sheffield	150	150	150	150	150	150	150	150	150	150	150	150	mL/min	T-538
Coated Side														
Parker Print	2	2	2	2	2	2	2	2	2	2	2	2	µm	T-555
GE Brightness	74	74	74	74	74	74	74	74	74	74	74	74	percent	T-452
Color														
Hunter	b	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	L-a-b	T-524

Values are subject to change without notice.

For more information, please contact your WestRock representative or visit our website at westrock.com.

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Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCOC-6S751, FSC Company Code: FSC-C104002

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