

# Folding Carton Board

KRAFTPAK®



Kraftpak sets the standard for unbleached, uncoated virgin paperboard. It is a low density, high yield product which provides outstanding strength and durability while using less fiber. The unique two-ply design offers a consistent surface with an attractive natural brown appearance and good printability. Kraftpak is highly versatile and ideal for a wide variety of packaging applications.

## TYPICAL USES

- Packaging Applications
- Health & Beauty
- Food Service, Carry-out
- Sporting Goods
- Wines & Spirits
- Dry & Prepared Food
- Automotive
- Gift Boxes
- Beverage Carriers

## Building & Industrial

- Filter Frames
- Slip Sheets, Partitions

## MANUFACTURING LOCATION

Charleston, SC

## PRODUCT FEATURES

Exceptional Strength

Low-Density, High-Yield

Product Uniformity

Moisture Resistance

Clean, Consistent Appearance

Sustainability

## CERTIFICATIONS

Forestry and Procurement

Compostable and Biodegradable

## COMPLIANCES

Food Contact

Environmental and Safety

## PRODUCT CLASSIFICATIONS

Product Type:

Structure:

## BENEFITS

Excellent stiffness, tear and internal strength properties make for extremely durable packaging. This translates into enhanced product protection and reduced damage.

Using less fiber for a given caliper and an output that generates more cartons per ton provides our customer with a very efficient and cost-effective packaging option.

Caliper, basis weight and moisture uniformity promote excellent performance and optimize productivity. Controlled curl and coefficient of friction ensure consistent handling on automated equipment.

Outstanding moisture resistance and wet durability make Kraftpak the ideal substrate for many challenging packaging applications.

State-of-the-art stock preparation system yields a clean, uniform, natural appearance. Kraftpak top surface (L\*a\*b) targets (60.0, 7.0, 18.0).

Source reduction (low density-high strength allows significant package weight reduction), biodegradable and recyclable, renewable resource and traceable fibers

SFI® Certified Sourcing and Chain of Custody

PEFC™ Chain of Custody

FSC® Chain of Custody

Compliant with the Lacey Act and EUTR (European Union Timber Regulations)

EN-13432

Compliance with USFDA 21 CFR §176.170 and 21 CFR §176.180  
Allergen free

US California Proposition 65 Compliant

CONEG Model Heavy Metal and EC/94/62 Article II Compliant

Elemental Chlorine Free (ECF) Unbleached fiber

RoHS Compliant

Toy safety standards ASTM F 963 and EN71-3

Unbleached paperboard

Uncoated, unbleached Kraft paperboard

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## KRAFTPAK®



### Grade Availability & Typical Properties

Grade Availability by Caliper												Units	Method
Caliper (in)	0.013	0.015	0.017	0.018	0.020	0.022	0.024	0.026	0.028	0.030		inches	T-411
Basis Weight	46	46	50	53	58	63	68	73	79	84		lb/1000 sq ft	T-410
Moisture	6.0	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3		percent	T-412
Gurley Porosity	20	14	14	16	16	18	20	22	24	24		sec	T-460
Stiffness													
Taber 15°	MD	80	110	150	180	230	300	385	485	600	705	g-cm	T-489
	CD	32	45	60	75	95	125	160	195	250	300	g-cm	T-489
	GM	51	70	95	116	148	194	248	308	389	458	g-cm	T-489
Receptivity													
Cobb	Top, 2 min	45	45	45	45	45	45	45	45	45	50	g/m <sup>2</sup>	T-441
	Bottom, 2 min	50	50	50	50	50	50	50	50	50	50	g/m <sup>2</sup>	T-441
Scott Internal Bond	100	100	100	100	100	100	100	100	100	100	100	ft-lb/1000 sq in	T-569
Coefficient of Friction (COF)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-	T-815
Smoothness													
Side	Felt	300	340	350	355	365	370	375	375	380	385	mL/min	T-538
	Wire	385	420	420	420	420	420	420	420	420	420	mL/min	T-538
Elmendorf Tear, MD	315	325	370	390	435	505	555	590	620	655		gf	T-414
Strength													
Tensile	MD	70	80	90	95	102	110	115	118	122	125	lb/in	T-494
	CD	40	42	45	47	50	55	58	60	63	68	lb/in	T-494

### Grade Availability & Typical Properties (Metric)

Grade Availability by Weight												Units	Method
Caliper	330	381	432	457	508	559	610	660	711	762		microns	T-411
Basis Wt.	225	225	244	259	283	307	332	356	386	410		gsm	T-410
Moisture	6.0	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3		percent	T-412
Gurley Porosity	20	14	14	16	16	18	20	22	24	24		sec	T-460
Stiffness													
Taber 15°	MD	7.6	10.5	14.3	17.2	22.0	28.7	36.8	46.4	57.4	67.4	mN.m	T-489
	CD	3.1	4.3	5.7	7.2	9.1	12.0	15.3	18.6	23.9	28.7	mN.m	T-489
	GM	4.8	6.7	9.1	11.1	14.1	18.5	23.7	29.4	37.0	44.0	mN.m	T-489
Receptivity													
Cobb	Top, 2 min	45	45	45	45	45	45	45	45	45	50	g/m <sup>2</sup>	T-441
	Bottom, 2 min	50	50	50	50	50	50	50	50	50	50	g/m <sup>2</sup>	T-441
Scott Internal Bond	210	210	210	210	210	210	210	210	210	210	210	J/m <sup>2</sup>	T-596
Coefficient of Friction (COF)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-	T-815
Smoothness													
Side	Felt	300	340	350	355	365	370	375	375	380	385	mL/min	T-538
	Wire	385	420	420	420	420	420	420	420	420	420	mL/min	T-538
Elmendorf Tear, MD	3.09	3.19	3.63	3.83	4.27	4.95	5.44	5.79	6.08	6.43		N	T-414
Strength													
Tensile	MD	12.3	14.0	15.8	16.6	17.9	19.3	20.1	20.7	21.4	21.9	kN/m	T-494
	CD	7.0	7.4	7.9	8.2	8.8	9.6	10.2	10.5	11.0	11.9	kN/m	T-494

For more information about this product, please contact KapStone Customer Service at 843.745.3433 or visit us at [www.kapstonepaper.com](http://www.kapstonepaper.com)

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