



TYPICAL USES

Packaging

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

INTRODUCTION

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.

PRODUCT FEATURES

Exceptional Strength

Sustainability, Low-Density

Product Uniformity

Moisture Resistance

Clean, Consistent Appearance

BENEFITS

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

Using less fiber to achieve targeted caliper and strength yields more cartons per ton to make Kraftpak a very efficient, sustainable 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. Low sulfur and chloride content make Kraftpak suitable for metal component packaging.

State-of-the-art stock preparation system yields a clean, uniform, natural appearance. Brightness controlled for improved appearance uniformity and brand appeal.

CERTIFICATIONS

Manufacturing

ISO 9001:2000

Forestry and Procurement

SFI® Standards for Land Management and Wood Procurement
PEFC Endorsed

Food Contact

USFDA 21 CFR §176.170 - Contact with Aqueous & Fatty Foods
USFDA 21 CFR §176.180 – Contact with Dry Food Types III, IV-A, V, VII-A, VIII, and IX
Kosher

Environmental and Safety

US California Proposition 65 Compliant
CONEG Model Heavy Metal and EC/94/62 Article II Compliant
IARC, OSHA, NTP, California Proposition 65 – No Known Carcinogens
RoHS Compliant

PRODUCT CLASSIFICATIONS

Product Type:

Unbleached paperboard

Structure:

Uncoated, unbleached Kraft paperboard



KAPSTONE

To order Kraftpak, call (843) 745-3433
or (843) 745-3098

Grade Availability & Typical Properties (US)

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	0.032*	0.034*	inches	T-411
Basis Weight		46	46	50	53	58	63	68	73	79	84	92	98	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	6.3	6.3	percent	T-412
Gurley Porosity		20	14	14	16	16	18	20	22	24	24	26	26	sec	T-460
Stiffness															
Taber 15°	MD	80	110	150	180	230	300	385	485	600	705	830	925	g-cm	T-489
	CD	32	45	60	75	95	125	160	195	250	300	340	380	g-cm	T-489
	GM	51	70	95	116	148	194	248	308	389	458	531	593	g-cm	T-489
Receptivity															
Cobb	Top, 2 min	45	45	45	45	45	45	45	45	45	50	50	50	g/m2	T-441
	Bottom, 2 min	50	50	50	50	50	50	50	50	50	50	50	50	g/m2	T-441
Scott Internal Bond		100	100	100	100	100	100	100	100	100	100	100	100	ft-lb/1000 sq ft	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	0.3	-	T-815
Curl		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	KapStone Units	KapStone
GE Brightness		18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	percent	T-452
Smoothness															
Side	Felt	300	340	350	355	365	370	375	375	380	385	390	390	mL/min	T-538
	Wire	385	420	420	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	670	685	gf	T-414
Strength															
Tensile	MD	70	80	90	95	102	110	115	118	122	125	135	140	lb/in	T-494
	CD	40	42	45	47	50	55	58	60	63	68	74	77	lb/in	T-494

* designates non-standard grade that is not run during every Kraftpak run and has trim and minimum volume requirements

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight													Units	Method	
Caliper		330	381	431.8	457.2	508	558.8	609.6	660.4	711.2	762	812.8	863.6	microns	T-411
Basis Wt.		225	225	245	259	284	308	333	357	386	411	450	479	gsm	T-410
Moisture		6.0	6.3	6.3	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	26	26	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	79.4	88.4	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	32.5	36.3	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	50.8	56.7	mN.m	T-489
Receptivity															
Cobb	Top, 2 min	45	45	45	45	45	45	45	45	45	50	50	50	g/m2	T-441
	Bottom, 2 min	50	50	50	50	50	50	50	50	50	50	50	50	g/m2	T-441
Scott Internal Bond		210	210	210	210	210	210	210	210	210	210	210	210	J/m2	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	0.3	-	T-815
Curl		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	KapStone Units	KapStone
GE Brightness		18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	percent	T-452
Smoothness															
Side	Felt	300	340	350	355	365	370	375	375	380	385	390	390	mL/min	T-538
	Wire	385	420	420	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	6.57	6.72	N	T-414
Strength															
Tensile	MD	70	80	90	95	102	110	115	118	122	125	135	140	kN/m	T-494
	CD	40	42	45	47	50	55	58	60	63	68	74	77	kN/m	T-494

* designates non-standard grade that is not run during every Kraftpak run and has trim and minimum volume requirements



KAPSTONE

For more information about this product, please contact your KapStone representative, service partner or merchant. Published by KapStone Kraft Paper. KapStone and Kraftpak are registered trademarks of KapStone Kraft Paper Corporation. © 2008 KapStone Kraft Paper Corporation. All rights reserved worldwide.