

Containerboard

Performance Liner- East Coast



KapStone's Performance linerboard grades provide optimum performance when combined with corrugated medium in the construction of corrugated boxes. These two-ply linerboard grades are produced using 100% virgin kraft fiber. Grades range from Mullen-standard Kraft Liner (KL), High Compression Liner (HCL) and Ultra Performance Liner (UPL). Superior strength, appearance and performance makes KapStone grades ideal for corrugated boxes as well as specialty, non-box applications.

TYPICAL USES

Packaging Applications
Corrugated Containers
Laminations
Wraps
Retail Ready Packaging

MANUFACTURING LOCATION

North Charleston, SC
Roanoke Rapids, NC

PRODUCT FEATURES

Kraft Liner

High Compression Liner

Ultra Performance Liner

Sustainability

CERTIFICATIONS

Forestry and Procurement

Food Contact

Environmental and Safety

PRODUCT CLASSIFICATIONS

Product Type

Structure

BENEFITS

KapStone's basic Kraft Liner sets the standard for consistent, balanced structure; appearance and performance. Two-ply construction and rigorous production standards combine specially refined top and bottom kraft fibers for reliable strength, printability and converting performance.

Produced under rigorous manufacturing standards, KapStone HCL provides 15% greater strength per pound than standard kraft liner, allowing significant box weight reduction while maintaining excellent box compression strength, printability and appearance.

Produced with demanding fiber preparation strategy and tightly controlled paper machine operating parameters, KapStone UPL grades deliver superior strength per pound with a 25% weight reduction compared to standard kraft liner. These grades provide ultimate weight reduction with excellent strength, converting and printability.

KapStone's kraft paper products are produced with the environment in mind. We are proud to participate in various fiber sourcing standards and to offer an end product that is biodegradable, compostable, and recyclable.

SFI® Certified Sourcing

SFI® Chain of Custody Certification

PEFC™ Chain of Custody Certification

FSC® Chain of Custody and Controlled Wood Standard

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

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 F963 and EN71-3

Unbleached Linerboard

Uncoated kraft, two-ply paperboard

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KapStone Kraft Liner (KL)- Grade Availability & Typical Properties

Grade Availability by Weight									Units	Method
Basis Wt.	20	22	26	33	42	51	57	69	lb/1000 sq ft	T-410
Moisture	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	percent	T-412
Sheffield Roughness	350-400	350-400	350-400	350-400	350-400	350-400	350-400	350-400	Sheffield Units	T-538
Mullen	60	65	75	90	110	125	145	155	psi	T-807
Cobb, Top	45	45	45	45	45	45	45	45	g/m2	T-441
Cobb, Bottom	55	55	50	50	50	50	50	50	g/m2	T-441
Gurley Porosity	20	20	20	20	25	25	25	25	sec	T-460

KapStone High Compression Liner (HCL) - Typical Properties

Grade Availability by Weight				Units	Method	
Basis Wt.	35	47	55	72	lb/1000 sq ft	T-410
Moisture	7.0	7.0	7.0	7.0	percent	T-412
Cobb, Top	45	45	45	50	g/m2	T-441
Cobb, Bottom	50	50	50	55	g/m2	T-441
STFI CD	22.0	27.5	33.5	41	lb/in	T-826
Gurley Porosity	18	25	25	25	sec	T-460

KapStone Ultra Performance Liner (UPL) - Typical Properties

Grade Availability by Weight									Units	Method
Basis Wt.	24	27	29	31	33	38	42	50.5	lb/1000 sq ft	T-410
Moisture	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	percent	T-412
Cobb, Top	45	45	45	45	45	45	45	45	g/m2	T-441
Cobb, Bottom	55	55	55	55	55	55	55	55	g/m2	T-441
STFI CD	16.5	18.5	20.0	21.0	22.5	26.0	28.0	33.5	lb/in	T-826
Gurley Porosity	25	25	25	25	25	30	30	30	sec	T-460

For more information about this product, please contact KapStone Customer Service at 843.745.3433 or visit us at www.kapstonepaper.com

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