

Containerboard

FibreLok Liner Products



KapStone FibreLok liner is a recyclable box facing material engineered to resist moisture. It is available in both burst and high performance grade types and performs better than standard liner in high humidity storage environments. FibreLok liner is a highly sized wet strength grade that is 100% recyclable and is available in basis weights ranging from 35 lbs to 74 lbs per MSF.

TYPICAL USES

Packaging Applications
Packaging
Corrugated Containers

End Use Products:

Refrigerated and Frozen
Processed Foods
Fresh and Frozen Seafood
Fresh Fruits and Vegetables
Fresh and Frozen Meat
Floral

MANUFACTURING LOCATION

Longview, WA

PRODUCT FEATURES

Superior Strength

Product Benefits

Printing Capabilities

Sustainability

CERTIFICATIONS

Forestry and Procurement

COMPLIANCES

Food Contact

Environmental and Safety

PRODUCT CLASSIFICATIONS

Product Type

Specifications

Basis Weights

BENEFITS

The FibreLok liner grades manufactured at KapStone are made from renewable resources using a blend of virgin and recycled fibers that are sourced in compliance with the requirements of multiple forestry certification standards. Manufacturing excellence provides a base for superior strength products to meet our customers packaging needs.

Strength retention in high humidity environments and improved wet and dry strength properties over standard liner grades. Cost effective alternative to wax impregnated corrugated medium that can be incorporated in any box design. May be used with standard paper grades to create products that meet specific customer requirements.

For uniform ink absorption and superior printability, our FibreLok liner has a clean, smooth and low lint surface.

KapStone's FibreLok liner grades 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 and Chain of Custody Certification
PEFC™ Chain of Custody Certification

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
Toy Safety Standards ASTM F 963 and EN 71-3
BPA free

Unbleached kraft linerboard

Compliant with Uniform Freight Classification Rule 40

35- 74 lb per MSF



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Grade Availability & Typical Properties (US)

Property	Typical Values					Units
Nominal Basis Weight	35	42	56	69	74	lb/MSF
Bone Dry Basis Weight	32.4	38.9	51.8	63.8	68.5	lb/MSF
Moisture	7.5	7.8	7.8	7.8	7.8	%
STFI Target	20.0	21.5	31.0	33.0	41.0	lb/in
Ring Crush	78	84	125	133	159	lb/6 in
Mullen	85	100	125	135	150	lb/in ²
Wet Mullen	20	28	30	34	35	psi

Grade Availability & Target Properties (Metric)

Property	Typical Values					Units
Nominal Basis Weight	171.0	205.0	273.0	337.0	361.0	g/m ²
Bone Dry Basis Weight	158.0	190.0	253.0	312.0	334.0	g/m ²
Moisture	7.5	7.8	7.8	7.8	7.8	%
STFI Target	3.50	3.76	5.43	5.78	7.18	kN/m
Ring Crush	2.28	2.45	3.65	3.88	4.64	kN/m
Mullen	586	690	862	931	1034	kPa
Wet Mullen	138	193	207	234	241	kPa

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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Good for you. Good for our forests.™

