

KapStone High Compression Liner (HCL)



TYPICAL USES

Packaging
Corrugated Containers

Introduction

This virgin fiberboard is a two-ply, high-strength substrate that is combined with a corrugating medium in the construction of corrugated boxes. HCL is manufactured to compression strength specifications. Unbleached and uncoated, it offers an attractive and consistent surface suitable for printing.

Product Features

Excellent Strength

Superior Runnability

Benefits

HCL (High Compression Liner) delivers approximately 15% greater strength than standard liner which allows for weight reductions without sacrificing box compression. Two-ply construction features a base layer of softwood fibers for strength and toughness.

The top layer combines softwood and hardwood fibers for a smooth, consistent surface for printing and a tight pore structure which improves resistance to air permeability, glue penetration and ink hold out.

Certifications

Manufacturing

Manufactured under a registered ISO 9000 series quality management system

Forestry and Procurement

SFI® Certified Standards for Land Management and Wood Procurement
PEFC Certified

Food Contact

N/A

Environmental and Safety

US California Proposition 65 Compliant
CONEG Model Heavy Metal and EC/94/62 Article II Compliant
CPSC 16 CFR 1303 Lead Ban Compliant
Elemental Chlorine Free (ECF) Unbleached Fiber
RoHS Compliant

Classifications

Product Type

Unbleached, Natural Kraft Paperboard

Structure

Uncoated, two ply

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Grade Availability & Typical Properties (US)

Grade Availability by Weight			Units	Method
Basis Wt.	35	55	lb/1000 sq ft	T-410
Moisture	7.0	6.8	percent	T-412
Cobb, Top	45	45	g/m ²	
Cobb, Bottom	50	50	g/m ²	
STFI CD	20.5	32	lb/in	
Scuff	40	40	# passes	
Porosity	18	25	sec	

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight			Units	Method
Basis Wt.	171	269	gsm	T-410
Moisture	7.0	6.8	percent	T-412
Cobb, Top	45	45	g/m ²	
Cobb, Bottom	50	50	g/m ²	
STFI CD	3.58	5.58	kN/m	
Scuff	40	40	# passes	
Porosity	18	25	sec	

For more information about this product, please contact your KapStone representative, service partner or merchant. Published by KapStone Paper and Packaging Corporation