

KapStone Ultra Performance Liner (UPL)



TYPICAL USES

Packaging
Corrugated Containers

Introduction

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

Product Features

Excellent Strength

Superior Runnability

Benefits

UPL (Ultra Performance Liner) delivers competitive box compression with 26% weight reduction compared to standard liner. Two-ply construction features a base layer of softwood fibers for excellent compression 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.	31	50.5	lb/1000 sq ft	T-410
Moisture	6.8	6.9	percent	T-412
Cobb, Top	42	43	g/m2	
Cobb, Bottom	45	45	g/m2	
STFI CD	19.5	31.5	lb/in	
Scuff	49	47	# passes	
Porosity	30	35	sec	

Grade Availability & Typical Properties (Metric)

Grade Availability by Weight		Units		Method
Basis Wt.	152	247	gsm	T-410
Moisture	6.8	6.9	percent	T-412
Cobb, Top	42	43	g/m2	
Cobb, Bottom	45	45	g/m2	
STFI CD	3.40	5.50	kN/m	
Scuff	49	47	# passes	
Porosity	30	35	sec	

For more information about this product, please contact your KapStone representative, service partner or merchant.