

Packaging sustainable solutions

LusterCote®

At Sappi, we don't make you choose between your commitment to sustainability and optimal packaging. When LusterCote is part of your packaging solution, you're sourcing a paper-based product made from renewable resources that's also recyclable, helping your brand stand out on the shelf.

Sustainable sourcing

As a natural resource company, Sappi has always focused on promoting the long-term vitality of forests while boosting local economies. Our wood suppliers harvest trees using a system of Best Management Practices (BMPs). Our sourcing practices also meet the requirements of the leading global certifications standards including the Forest Stewardship Council (FSC®), Sustainable Forestry Initiative (SFI®) and the Programme for the Endorsement of Forest Certification (PEFC).

Lean manufacturing

Energy use is an ongoing topic of global concern, so Sappi remains committed to decreasing energy consumption and improving process efficiencies across our entire manufacturing operation. Because fossil fuel use is closely linked to climate change and is a major cost driver in manufacturing paper products, we derive most of our energy from renewable sources and set a goal to reduce energy intensity by five percent.

We're also targeting a 10 percent reduction in raw material losses in our pulp mill and a five percent reduction in our paper mills by 2020. Efficient use of raw materials means greater cost savings and reduced environmental impact.

Safe use

Sappi's LusterCote paper has superior printability and ink holdout using a wide variety of inks and coatings. Heavyweight **LusterCote (70, 80 and 95lb)** has been designed to provide superior converting and lamination performance on a wide range of commercial C1S applications such as litho label, envelope, book dust jacket, set-up boxes and point-of-purchase display.

Lightweight **LusterCote (55, 60 and 65lb)** is produced with online finishing, which enhances sheet stiffness, stability, and performance at the converter, on press and in the downstream operations. The applications of the LusterCote (55, 60, and 65lb) include cut & stack label, banderole, metallizing, and envelope. LusterCote complies with FDA regulations for food contact with restrictions in certain food contact applications.¹



Recyclable paper

Our LusterCote sheet is often laminated to other materials such as recycled corrugate to deliver a highly recycled end product that is also 100% recyclable. Additionally, paper and paperboard have high recycling rates nearly 7 times plastic. LusterCote is also used in metal can and glass jar label applications, which have nearly 3 times greater recovery rates over plastic.²

Sappi continues to encourage initiatives to improve product labeling on how to recycle packaging, such as rinsing cans or removing paper labels. We're a strong proponent of educational outreach and programs that lead to higher recovery of paper and other recyclable materials, and we're a proud supporter of The Recycling Partnership.



LusterCote Product Specifications

If you care about the performance of your packaging, look no further. Sappi's LusterCote is a packaging paper designed specifically for challenging converting applications.

LusterCote								
PROPERTY	UNITS	TYPICAL VALUE						TEST METHOD
Basis Weight	lb/3300 sf	55	60	65	70	80	95	TAPPI T410
Basis Weight	gsm	81	89	96	104	118	141	TAPPI T410
Brightness	% reflectance	88	88	88	90	90	90	TAPPI T452
Gloss	% reflectance	68	68	68	70	70	70	TAPPI T480—75 Degree Gloss
Opacity	%	88	89.5	90	91.5	93.0	95.0	TAPPI T425
Smoothness	microns	0.8	0.8	0.8	0.8	0.8	0.8	TAPPI T555—Parker Print Surf
Caliper	.001 in (mils)	2.9	3.1	3.4	3.6	4.0	4.8	TAPPI T411
Thickness	microns	74	79	86	91	102	123	TAPPI T411
Tensile, CD	lb/in	16.0	17.0	18.0	17.0	20.0	22.0	TAPPI T494
Tear, MD	g-force	51.0	56.0	61.0	56.0	68.0	76.0	TAPPI T414—Elmendorf Tear
Cobb Size (2min)	gsm	26	26	26	<35	<35	<35	TAPPI T441

World-class Manufacturing



Paper Machine #2 at Sappi's Somerset Mill

Originally built in 1986
 Major rebuild in 2002
 Online coating and calendering
 40 to 60lb coated two-side grades
 41 to 55lb (tag) LusterPrint
 55, 60 and 65lb LusterCote
 280 inches wide and over 500 feet long
 Production speeds up to 3,500 ft/min
 Production capacity of 225,000 tpy



Paper Machine #12 at Sappi's Cloquet Mill

Originally built in 1988
 Major rebuilds in 2005, 2013, and 2017
 On-line pre-coating
 Off-line top coating and calendering
 60 to 146lb coated two-side grades
 70, 80 and 95lb LusterCote
 188 inches wide and 350 feet long
 Production speeds up to 2,500 ft/min
 Production capacity of 190,000 tpy



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For more information about Sappi's sustainability performance, please visit sappi.com

Production Notes
 Printed on McCoy for HP Indigo
 Silk Cover 100lb/270gsm

800.882.4332
sappi.com

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