



THE REVOLUTION IN FOOD PACKAGING BUT NOT ONLY.



YOU AND I, **FOR LIFE.**

PLASTIC**FREE**PAPER



DISCOVER OUR

**GREASE, WATER,
AND MOISTURE
PAPER.**

Range

SuniBarrier

Guyenne Papier is launching a revolutionary paper, a real ecological alternative to plastic packaging.

The result of 4 years of research, Guyenne Papier's R&D department has developed (in partnership with Lactips) a coating process that transforms «traditional» paper into recyclable packaging paper. This paper is now capable of replacing traditional packaging, which is often plastic-based and therefore not very recyclable and a source of pollution. The barrier paper revolution is underway. Indeed, the law is urging manufacturers to completely change their paradigm.

A law is all very well, but what is actually being done?

Guyenne Papier has taken the lead in providing manufacturers with reliable, natural and heat-sealable solutions.

Papers with barrier properties adapted to each of the needs of the different markets, particularly the food industry.

Guyenne Papier intends to lead this revolution :

«The big replacement» is now.

All of our products in the **Sunibarrier range** are:

- **Recyclable and repulpable** (EN 13430)
- **Complies** with food contact regulations (EC) No 1935/2004, (EC) No 2023/2006 and (EU) No 10/201



What the regulations say

Packaging with films or single-use films must be replaced within the next few years.

AGEC LAW : By 2025, 50% reduction in plastic packaging and 100% by 2040.

GUYENNE PAPIER's GUARANTEE

None of the products in the SuniBarrier range contain fluorinated resin, PVA, PVDC or plastic films. All the products offered by Guyenne Papier are recyclable and over 90% repulpable without further processing. In addition, our paper and cardboard do not interfere with sorting.



Packaging for fruit and vegetables

The law: by 2026 at the latest, plastic packaging for fresh fruit and vegetables weighing less than 1.5kg will be banned.

Guyenne Papier offers cardboard packaging papers to wrap pastries, pasta, flour, sugar, salt, chocolate, fruit, vegetables, etc.



Labels on fruit and vegetables

The law: directly affixed labels that indicate a brand, a producer or a label are prohibited.

Guyenne Papier offers fully recyclable offset, flexographic and digital printing papers.



Plastic films for routing newspapers, magazines and advertisements

The law: addressed and unaddressed magazines and advertisements must be sent without plastic packaging.

Guyenne Papier offers high mechanical strength, heat-sealable and lightweight papers for packaging magazines.



Tea bags

The Law: non-biodegradable plastic tea and herbal tea bags are banned.

Guyenne Papier offers 100% natural and heat-sealable paper for tea bags

Range	GreenBee				UniversalBee		LadyBee					ThermoBee			
Product Label	KBL 60g	BAR 100g	KBR 100g	BAR 62-97g	KBL 57g	BAR 62-98g	KBL 58g	OFV 78-88g	KBR 88g	COV 88g	KBL 48g	KBL 53g	OFV 83g		
Properties	Finishes	white	white	brown kraft	white	white	brown kraft	white	brown kraft	white	white	white	white		
	Water barrier				*****	**	**	**	***	**	**	**	**		
	Water vapour barrier				*****	*****	*****	*****	*****	*****	**	**	**		
	Grease barrier	****	*****	****	*****	*****	*****								
	Heat sealable	***	*****	***	***	****	*****	*****	****	**	*****	*****	*****		
Applications	Non-fat products	•	•	•	•	•	•	•	•	•	•	•	•		
	Ream paper					•	•	•	•	•	•	•	•		
	Industrial packaging									•	•	•	•		
	Heavy bags						•	•	•	•	•	•	•		
	Tea bags	•	•	•	•	•				•	•	•	•		
	Dry food	•	•	•	•	•	•	•	•	•	•	•	•		
	Fatty food		•		•	•	•								
	Wet food				•										
	Food trays/cups...				•										
	Dry products	•	•	•	•	•	•	•	•	•	•	•	•		
	Fatty products	•	•	•	•	•	•	•							
	Wet products				•										
	Snacks	•	•	•	•	•	•	•							
	Biscuits		•		•	•	•	•							
	Sweets/sugar		•		•	•	•	•	•	•					
	Chocolate		•		•	•	•	•							
	Charcuterie/Meat/Fish				•										
	Pet food		•		•	•	•	•							
	Seeds/herbs		•		•	•	•	•	•	•	•	•	•		

Excellent

Very good

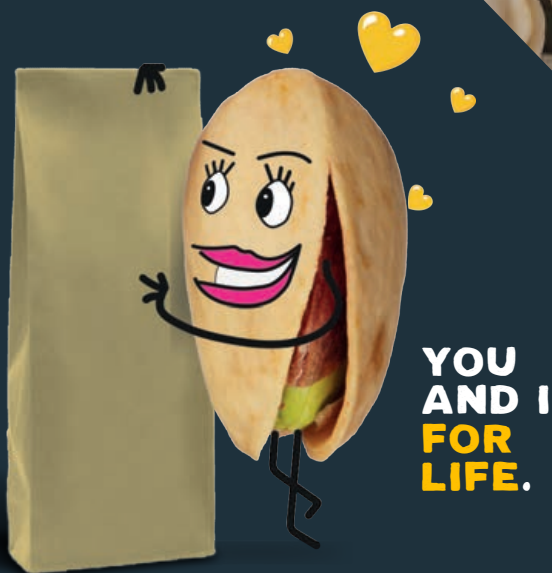
Good

**

Average

LadyBee

The Specialist.



Applications

Dry, non-fat products:

All paper packaging
for ream paper, seeds,
herbs, salt, sugar...

100% recyclable

LADYBEE

SuniBarrier LADYBEE paper has low water vapour permeation (WVTR) and excellent heat sealing properties.

Characteristics

It is a water vapour barrier and can be sealed. The surface treatment applied is water-based and does not contain any elements that could be harmful to either health or the environment

Several grammages possible.

Advantages

- **Excellent water vapour barrier**
- **Excellent heat sealing on all substrates**
- **Compatible with wet elements**
- **Food contact**
- **Coating without plastic film or fluorinated resin**



Technical data

Characteristics	Methods	BAR 62g/m ²	BAR 98g/m ²	OFV 78g/m ²	OFV 88g/m ²	KBL 58g/m ²	KBR 88g/m ²	COV 88g/m ²
WVTR - g/m ² /24h	ISO 2528 standard condition 23°C/50% RH	2	2	4	10	10	10	4
Kit test	Tappi T559 PM-96	12	12	-	-	-	-	-
Mineral Oil Barrier - mg/kg	EN 14338	MOSH/MOAH Migration <0.5	MOSH/MOAH Migration <0.5	-	-	-	-	-
Scellage (140°) - N/15 mm	ASTM F2029/F88	6	7	6,5	6	6	7,8	-

Available in Format or Jumbo.

GreenBee

The Compostable.



**YOU
AND I
FOR
LIFE.**



Applications

Dry and fatty products:

tea bags, dry and
fatty foods, snack
cakes...

100% eco-responsible

GreenBee



SuniBarrier GreenBee paper is biodegradable and 100% natural. It is greaseproof and heat-sealable.

Characteristics

A grease barrier product that is heat sealable. The purpose of our coatings is to waterproof a surface, in order to avoid or limit the passage of unwanted elements.

Our **GREENBEE** coating is:

- **Fully natural,**
- Biodegradable and suitable for industrial and domestic composting.

Various grammages available.



Technical data

Characteristics	Units	Methods	Greenbee KBL 60g/m ²	Greenbee KBR 100g/m ²
Cobb1800 oil	g/m ²	SCAN-P37	2.0	2.0
Kit test	-	Tappi T559 PM-96	9	9
Mineral Oil Barrier	mg/kg	EN 14338	-	-
Seal Strength (140°C)	N/15 mm	ASTM F2029/F88	4.5	4.5
OTR	cc/(m2.24h)	ASTH F1927 23°C/50% RH	1000	1000

Available in Jumbo and Format.



universalBee

Universal and uninhibited.



**YOU
AND I
FOR
LIFE.**

Applications

Dry, fatty and wet products:

Biscuits, sweets, wet and/or
fatty foods, cold cuts, fish, meat,
food trays, cups...

100% eco-responsible

universalBee

The **universalBee** offers a wide range of **barrier properties**. Barrier to grease, water, water vapour, mineral oil vapours (MOSH/MOAH).

Characteristics

Heat-sealable product with a water and grease barrier and a low water vapour transmission coefficient. The surface treatment applied is water-based and does not contain any elements that may be harmful to health or the environment.

Several grammages possible.

Advantages

- **Excellent water and grease barrier**
- **Water vapour barrier**
- **Heat sealable**
- **Compatible with wet elements**
- **Food contact**
- **Film and fluororesin free coating**



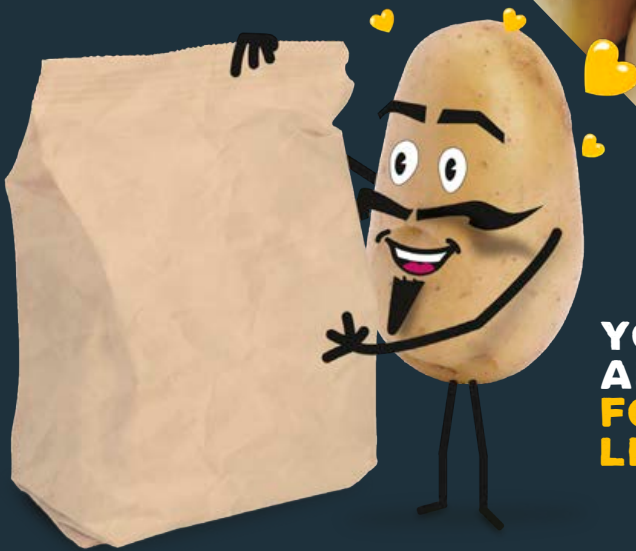
Technical data

Characteristics	Methods	BAR 97g/m ²	BAR 62g/m ²	KBL 57g/m ²
WVTR - g/m ² /24h	ISO 2528 standard condition 23°C/50% RH	5	5	10
Kit test	Tappi T559 PM-96	12	12	8
Mineral oil barrier - mg/kg	EN 14338	MOSH/MOAH migration <0.5	MOSH/MOAH migration <0.5	-
HVTR - g/m ² /24h	23°/60% RH	40	40	-
Cobb 1800 water - g/m ²	ISO 535 : 2014	2	2	8
Seal Strength (160°) - N/15mm	ASTM F2029/F88	6	3,5	3,5

Available in Jumbo and Format.

Thermobee

The heat-sealable.



YOU
AND I
FOR
LIFE.

Applications

Packaging for Dry, non-oily and non-wet products:

Outer packaging of food trays, cups, and non-food packaging (screws...)

100% eco-responsible

THERMOBEE

The **THERMOBEE** paper is recommended for all **outer packaging in contact with food and non-food products.**

Characteristics

A heat sealable product. It's the specialist in outer packaging...

The applied surface treatment is water-based and doesn't emit nanoparticles.

Our THERMOBEE coating is:

- Biodegradable and suitable for composting industrial and domestic.

Advantages

- **Excellent level of heat sealability**
- **Approved for direct food contact with dry products**
- **Recyclability > 96%**
- **Coated without plastic film and without fluorinated resin**



Technical data

Characteristics	Methods	KBL 48g/m ²	KBL 53g/m ²	OFV 83g/m ²
Seal Strength (120°) - N/15 mm	ASTH F2029/F88	4,5	4,5	5
Cobb300 water - g/m2	ISO 535: 2014	2	2	12
Cobb1800 water - g/m2	ISO 535: 2014	7	7	-

Available in Jumbo and Format.



Guyenne Papier, is a major leader in the wood, paper and cardboard sector in the Dordogne – France

For decades, **Guyenne Papier** has been transcending paper, film and textiles produced through the coating process. The company specialises in the coating of all types of flexible media. The company specialises in the coating of all types of flexible media, providing specific properties to the chosen media: printing properties, technical properties, aesthetics, etc. Guyenne Papier is positioned in a niche market with value-added media for the graphic industry, paper processing, the textile industry and digital printing.

UNIQUE EXPERTISE

100% of our media is manufactured in France, in the Dordogne, where our company was born almost 350 years ago. We work to the highest quality and environmental safety standards. Our coated substrates are sold and distributed on 5 continents, proof of our unique expertise acquired over the centuries. Our partner brands have also understood this and trust us.

For whom?

SuniBarrier, THE solution

for the food industry,
but not only...

Whether you are a manufacturer, carton maker but not only or food industry professionals, the SuniBarrier range is the answer to the daily problems you are likely to encounter.

The range is perfectly adapted to the needs of:

- ingredient manufacturers (tea, sweets, etc.),
- Biscuit manufacturers,
- manufacturers of moisture-sensitive products,
- supermarket chains in the delicatessen, butchery and fish departments,
- Packaging manufacturers (trays,

flexible packaging, etc.),

- printers, packaging designers,
- cardboard manufacturers.

The revolutionary papers proposed by Guyenne Papier, through its SuniBarrier range, can also replace plastic lids on cosmetic products for example.



NEED A STUDY OR MORE INFORMATION

CONTACT US
+33 553 62 20 00

www.sunibarrier.com

export@guyennepapier.fr



Sunibarrier

is a brand of Guyenne Papier

Sunibarrier by Guyenne Papier

export@guyennepapier.fr

Les Castilloux • 24800 Nanthiat • France

www.guyennepapier.com

