



**NEXTBAG™**

RECOVERY. RECYCLE. REUSE.

# The packaging of the Future.



**Reliable.  
Responsible.**

**Selene**

# NextBag™

## The sustainable circular production process.



**LOWER  
EMISSIONS.  
HIGHER  
QUALITY.**

For Selene, sustainability is an integral part of being an enterprise and **NextBag™** is the new project for **new flexible packaging generation** developed through the use of **quality recycled plastics**.

A circular production approach which aims to **drastically reduce** the extraction of fossil products intended for the production of virgin plastic granules, limiting significantly **CO<sub>2</sub> emissions**.

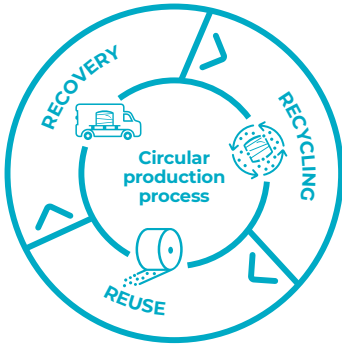
**Selene.**  
**Reliable.**  
**Responsible.**



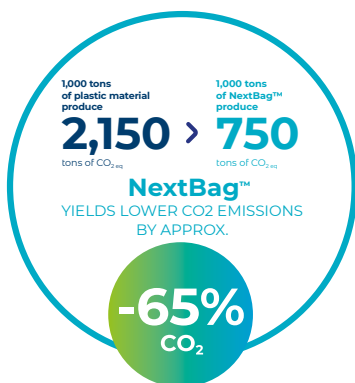


## RECOVERY, RECYCLE AND REUSE.

The **circular production** of **NextBag™** is achieved by implementing three distinct phases of the supply chain.



**NextBag™** is the concrete answer to the needs of the planet, responds to **Plastic Strategy** of the **European Community** and acknowledges the commitment of the **Circular Plastic Alliance** that aims to reach, **by 2025, 10 million tons of recycled plastic** for the production of new products. **LCA assessment** is expected soon for **NextBag™** to evaluate the environmental impact categories in comparison with products from virgin raw materials.



**NextBag™** is also the concrete opportunity to **contain future Plastic Taxes**, Italian and European ones (New Green Deal). **NextBag™**, thanks to the use of **PRP, the material recycled, checked and selected**, will soon have qualitative certification to access the tax breaks provided in proportion to the amount of PRP used. With **NextBag™** today it is possible to obtain products with **50% of PRP content** (soon **80%**).

## CONCRETE AND TANGIBLE ECONOMIC BENEFITS.

Selection of the used products



Pureness of the washed flakes



PRP - Premium Recycled Polymer



PRODUCT SHEET

DRAFT MATERIAL SPECIFICATION

Edition 1  
11/05/2020

**R&D AND QC  
LABORATORY  
SELENE SPA**



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Specification

**NEXTBAG™ FFS**

Product Description  
FFS with 50% PRP

FEATURES	UNIT OF MEAS.	RANGE TARGET	TEST METHOD
THICKNESS	µm	120 (± 8%)	IO - 015
SPECIFIC GRAVITY	gr/cm <sup>3</sup>	0,981	
CORONA TREATMENT*	Dynes/cm	>38	ASTM D 2578
C.O.F. (FILM NT-FILM NT)		0,45	ASTM D1894
TENSILE STRENGTH AT BREAK MD/TD	N/mm <sup>2</sup>	34/32	ASTM D882
ELONGATION AT BREAK MD/TD	%	800/1000	ASTM D882
TEAR RESISTANCE MD/TD	g/µm	10/32	ASTM D1922
DART TEST	g	680	ASTM 1709A
CREEP RESISTENCE MD/TD	%	14/22	INTERNAL METHOD

**TO BE USED WITHIN 6 MONTHS FROM DELIVERY DATE**

**BEST STORAGE AND TRANSPORTATION CONDITIONS:**

**Temperature 15-30°C, Relative Humidity 40-60%**



[www.selene-spa.com](http://www.selene-spa.com)

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Responsible.**

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