



**INNOVATIVE
MACHINERY
SOLUTIONS**

RenewBag

The packaging of the future.



RECOVERY, RECYCLE, REUSE.

The background of the entire page features a large, light gray circular arrow graphic that curves around the central text. The left side of the image is filled with a dense, textured pattern of green leaves, suggesting a natural or forest environment. The RenewBag logo is positioned in the top left corner.

RenewBag

LOWER EMISSIONS. HIGHER QUALITY.

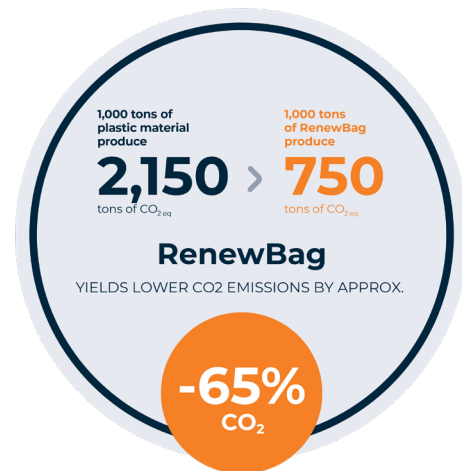
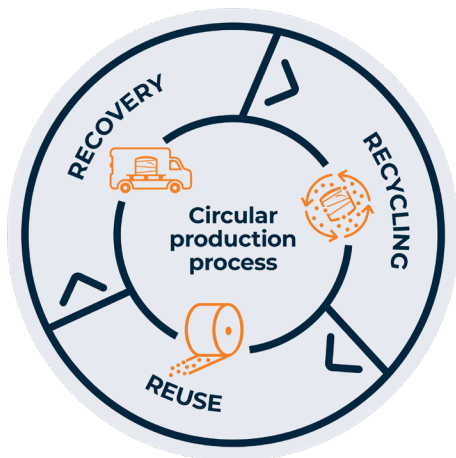
The next generation of sustainable flexible packaging

Developed from high-quality recycled plastics, RenewBag represents the latest initiative in the realm of flexible packaging. This project embraces a circular production approach, aiming to reduce reliance on fossil products that are required to manufacture virgin plastic granules, significantly lowering CO2 emissions.

RenewBag

The sustainable circular production process

The circular production of RenewBag is achieved by implementing three distinct phases of the supply chain.



RECOVERY, RECYCLE, AND REUSE

RenewBag is a response to the European Plastics Strategy and acknowledges the commitment of the Circular Plastic Alliance that aims to reach 10 million tons of recycled plastic for the production of new products by 2025. RenewBag will soon undergo LCA assessment to evaluate the environmental impact categories in comparison to products made from virgin raw materials.

TANGIBLE ECONOMIC BENEFITS

RenewBag also creates an opportunity to contain future plastics taxes in Europe. (New Green Deal). 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. Today, is possible to obtain RenewBag products with 50% PRP content.



Selection of used products



Purity of washed flakes



PRP - Premium Recycled Polymer

Specification
RenewBag FFS

Product Description
FFS with 50% PRP

FEATURES	UNIT OF MEAS.	RANGE TARGET	TEST METHOD
THICKNESS	MM	120 (± 8%)	IO - 015
SPECIFIC GRAVITY	GR/CM3	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/MM2	34/32	ASTM D882
ELONGATION AT BREAK MD/TD	%	800/1000	ASTM D882
TEAR RESISTANCE MD/TD	G/MM	10/32	ASTM D1922
DAR 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%



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