



MATER-BI

MATER-BI FOR SHOPPING

BIODEGRADABLE AND COMPOSTABLE
CARRYING SOLUTIONS



MATER-BI FOR SHOPPING

MATER-BI is a family of fully **biodegradable and compostable** bioplastics which use renewable resources to provide a solution with low environmental impact and to solve specific environmental problems in various sectors, such as foodservice, packaging and separate collection of organic waste.

Bags made of MATER-BI are fully biodegradable and compostable and, as such, can be reused also for the separate collection of organic waste.

Carrier bags made of MATER-BI are in compliance with the law and are certified by bodies that guarantee their conformity to the UNI EN 13432 standard.

THE ORIGINAL

CONTROLLED, INNOVATIVE, GUARANTEED



Resistance test of MATER-BI film



Jogging test in the NOVAMONT lab.



Film coating MATER-BI



Bag made of MATER-BI

QUALITY OUR TOP PRIORITY

Using the MATER-BI trademark licence means that NOVAMONT's partners agree to comply with strict quality parameters and testing of random samples from the market. These are designed to ensure that films are converted under ideal conditions and that articles produced in MATER-BI meet all essential requirements. To date over 1000 products have been tested.

THE GUARANTEE OF AN ITALIAN BRAND

MATER-BI is part of a virtuous production system, undertaken entirely on Italian territory. It enters into a production chain that involves everyone, from the farmer to the composter, from the converter via the retailer to the consumer.

USED FOR ALL TYPES OF WASTE DISPOSAL

MATER-BI has unique, environmentally-friendly properties. It is biodegradable and compostable and contains renewable raw materials. It is the ideal solution for organic waste collection bags and is organically recycled into fertile compost.

NOVAMONT has verified the behaviour of products made of MATER-BI in coastal areas. The results make interesting reading: the biodegradation of the materials tested was over 90%, in absolute terms and relative to a reference material. Despite this, products made of MATER-BI are not designed for uncontrolled disposal, but for recovery through organic waste recycling.

The estimated percentage of arable land that is used for the production of bioplastics works out at less than 0.02%; its impact on foodstuff production is therefore minimal, close to zero.

MATER-BI is certified as biodegradable and compostable. If disposed of in the wet waste fraction, it is converted into fertile, useful compost. www.materbi.com



Printed on recycled paper FSC® certified, which identifies products containing wood from forests managed correctly and responsibly according to strict environmental, social and economic standard.

