



MATER-BI

MATER-BI FOR BIOWASTE

BIODEGRADABLE AND COMPOSTABLE
SOLUTIONS FOR ORGANIC WASTE COLLECTION



MATER-BI FOR BIOWASTE

MATER-BI is a family of fully biodegradable and compostable bioplastics which contain renewable resources and provide low impact solutions to specific environmental problems in various sectors such as food service, packaging and the separate collection of organic waste.

Bags, liners and sacks made of MATER-BI offer easy and hygienic solutions for households and commercial kitchens. MATER-BI is certified according to the European Standard EN 13432 as fully biodegradable and compostable and helps optimize the collection and management of biowaste by increasing the amount of biowaste collection whilst helping to eliminate plastic in compost. It has proven advantages across the production-consumption-recycling system.



MATER-BI compostable sack in ventilated caddy



MATER-BI compostable liner in outdoor bin



MATER-BI compostable sack for commercial users

ADVANTAGES FOR HOUSEHOLDERS AND COMMERCIAL USERS	ADVANTAGES FOR COLLECTION OPERATOR AND AUTHORITY	ADVANTAGES FOR ENVIRONMENT AND ORGANIC RECYCLERS
<ul style="list-style-type: none"> Keeps home caddy clean & hygienic Proven barrier to viruses and bacteria Ease of use Allows easy capture of wetter materials – plate scrapings, etc. Due to the evaporation of moisture, the waste dries out and reduces unpleasant odours in vented caddy 	<ul style="list-style-type: none"> Keeps outdoor container clean & hygienic Easily removable by hand or mechanically from outdoor caddy / bin Increased participation Transparent when wet = quick verification of contents Improved health and safety for crews (no bioaerosols) Clean vehicles = fast washing down at end of shift 	<ul style="list-style-type: none"> MATER-BI bioplastics have 40% minimum up to 100% bio-based content Less contamination, avoiding any addition of impurities from non-compostable materials Reduced processing costs Higher quality, marketable composted products Increased recovery

MATER-BI can be used to produce garden waste sacks which provide an ideal solution for the collection of garden waste

- specially designed to withstand early degradation caused by the biologically aggressive nature of garden waste, have a high resistance to piercing, splitting and tearing
- ensure minimal visual interference and street blocking - as happens with wheeled bin
- increase the efficacy of collection and treatment since there is no need for bag removal and disposal either during collection or at the composting facility



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