



**MASTERPACK
GROUP**



Masterpack Group | **SUSTAINABLE BULK PACKAGING SOLUTIONS**

The company

Your partner for innovative Bulk Packaging Solutions

A century of experience, and a future-focused approach: meet Masterpack Group.

Our expertise is creating tailored solutions that transform supply chains, with a focus on sustainability. We're revolutionizing the packaging industry with better materials and best practices in fabricating liners and FIBCs. And we're the go-to partner for Modified Atmosphere Packaging.



We're the leading developer of packaging solutions for industrial packaging. Developing everything in-house in our 5 production facilities in Thailand, Bangladesh and China, we can assure the highest quality levels for your products. In our very own R&D center in The Netherlands, close to our HQ in Enschede, we test, develop and innovate any new solutions and products related to Big Bags. Here we can find the perfect fit for your product, without having to interrupt your own processes. In 2021, we expanded our Sales Office to the USA to be able to serve our global customer base even better.



What makes us a great partner

- > In-house development and R&D center
- > From Thailand, China, Bangladesh, USA & The Netherlands
- > State-of-the-art cleanrooms
- > Fully integrated production facilities
- > Secluded loading and packaging areas
- > Own production locations

Our certifications

- > ISO 9001, ISO 14000, ISO 22000
- > BRC, AIB
- > GMP, HACCP, HALAL, Kosjer
- > SA8000, SEDEX
- > Class 10,000 liner production
- > Class 100,000 FIBC confection
- > Food declarations on request

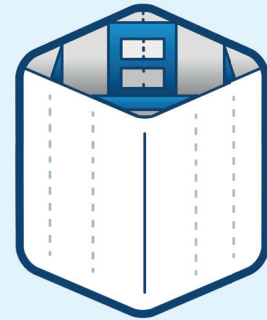
High-End FIBCs



Circular FIBC



4-sided/U-shape FIBC



Formstable FIBC

Based on your needs we thoroughly test and develop the best possible packaging solution. Our benefits are threefold. We add value to your business. We know how we can help you cut costs, thanks to a tight-knit partnership with our full attention and tailored solutions that help you reach your goals. We transform your supply chain, longer shelf life, optimized storage and shipping space and safer packaging solutions make work a little easier. From Modified Atmosphere Packaging to special liners and FIBC materials - we're preparing our industry for the future.

We use all available barrier foils for our lined FIBCs such as conductive, aluminium, anti-static, dissipative, metalized OPP, EVOH and PA liners. For a safe working environment, all our FIBCs can be designed and produced as a UN Bag or as a conductive Type B, Type C or Type D FIBC.

Liners

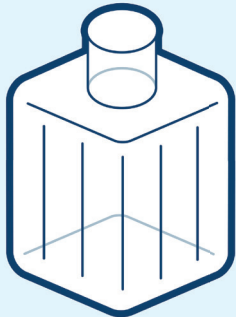
Liners can be made out of different materials to suit specific needs for your applications. They can protect against contamination, moisture, and oxygen. The types of liners Masterpack provides are always tailor-made to our customers' needs and wishes, creating the best FIBC-liner combination possible.

CONDUCTIVE LINERS

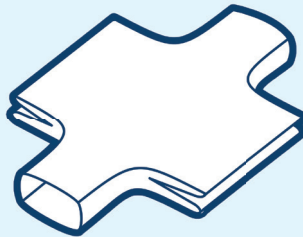
These are made from carbon-loaded polyethylene. This creates an obvious path for static to escape. This will mitigate the potential for explosions when working with dry food products such as flour or starch.

ALUMINIUM LINERS

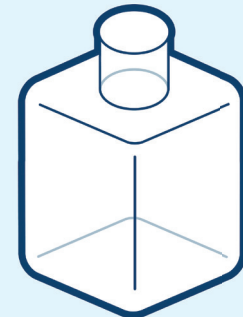
Aluminium liners are used when products require a fully leak-proof bag.



Form Stable Liner



Bottle Shape Liner



Shaped Liner

ANTI-STATIC DISSIPATIVE LINERS

Dissipative Big Bag liners are ideal for situations where static control is crucial and can be used in cleanrooms and research fields.

OPP METALIZED LINERS

Metalized oriented polypropylene (OPP) is an ultra-high barrier liner that provides maximum protection of oxygen- and moisture-sensitive products, for which shelf life needs to be increased. OPP metalized liners are a cost-effective and lighter alternative to aluminium liners.

EVOH LINERS

EVOH liners are used to create leak-proof bags. These liners consist of different layers made from a mix of materials to keep oxygen outside. This makes them very popular in the food industry and for products with a strong smell.

Modified Atmosphere Technology

The technique of Modified Atmosphere Packaging differs from vacuum packaging in that it doesn't necessarily remove oxygen from the packaging. A modified atmosphere is created by adjusting oxygen and CO2 levels within the packaging to the desired value. This means it is possible to compose a tailor-made atmosphere to maximize shelf life for specific products. Modified Atmosphere packages are also hermetically sealed, preventing the modified atmosphere from changing.

Automatic Spout Sealer

A machine that seals the spout of a Big Bag so that the Big Bag can be securely sealed. After positioning the spout in the seal mouth, the sealing process is run automatic.

Vacuum & Gas Injection Machine

With customized oxygen and nitrogen levels within our FIBC's, we elongate the self life of your product.

MA Powercube & Powertube

A FIBC with a form stabilized liner system inside ensures a square and optimal shape after filling, during storage and transport. The pre-shaped liner is completely sewn in the top and bottom and - if required - in side seams.

MA Valve (incl. filter)

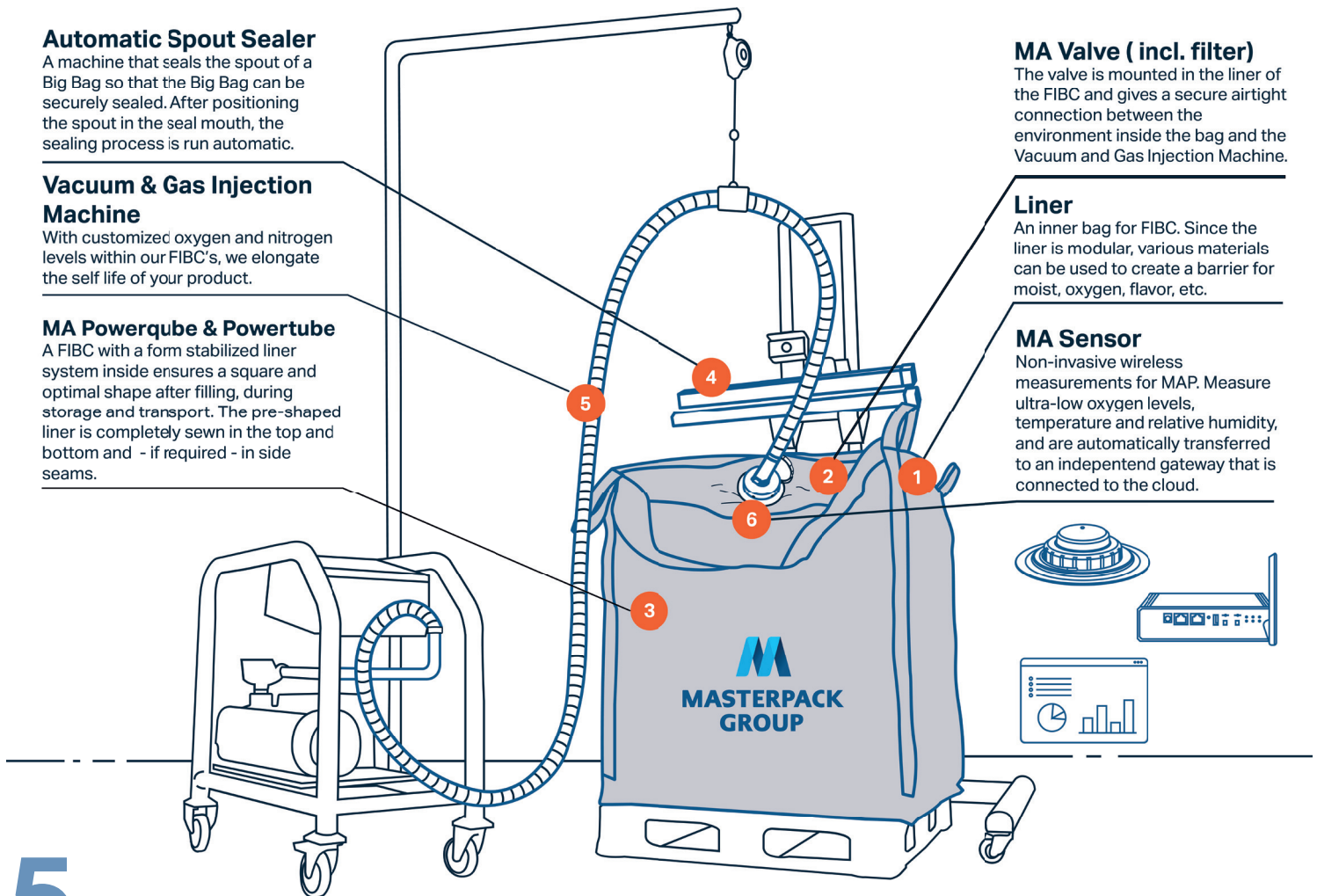
The valve is mounted in the liner of the FIBC and gives a secure airtight connection between the environment inside the bag and the Vacuum and Gas Injection Machine.

Liner

An inner bag for FIBC. Since the liner is modular, various materials can be used to create a barrier for moist, oxygen, flavor, etc.

MA Sensor

Non-invasive wireless measurements for MAP. Measure ultra-low oxygen levels, temperature and relative humidity, and are automatically transferred to an independent gateway that is connected to the cloud.



Sustainability

Reusing, reconditioning and recycling FIBCs

Reusing FIBCs should only be done under specific circumstances that can guarantee the safety of the products and the people handling the big bags. Strict standards regarding if and when a Big Bag can be reused are in place. According to the Safety Factor you can see if it's a single-use, double-use or multiple-use Big Bag.

Another option is reconditioning FIBCs: where Big Bags are collected, cleaned, and repaired, making them ready for reuse. This lengthens the lifespan of an individual bag but can be an expensive process. One has to take into account where the bag has been, which products it has transported, and what products it's supposed to transfer in the future. Shipping Big Bags back and forth over the world – with the necessary means of transportation – has its own impact on the environment and should, therefore, be carefully measured and carried out.

Less food waste thanks to MAP

MAP allows us to tackle the food waste challenge with technology. Keeping products fresh and protecting them from pests and contamination, it has proven to be a successful weapon in the battle against food spoilage and waste. It gives fresh food longer shelf life and keeps it safe without the use of any chemical pesticides.





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YOUR PRODUCT OUR CONCERN

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