



www.biobag.no

- *BioBag is completely compostable and biodegradable.*
- *BioBag is completely composted after 10-45 days depending on method of composting.*
- *BioBag can be produced with biodegradable master batch.*
- *BioBag can be printed using Flexo print up to 8 colours.*
- *BioBag fulfils the EU requirements for food packaging.*
- *BioBag is certified by "OK Compost" and "Din Certco" according to the European Standard EN13432. BioBag is also certified by BPI according to the US Standard ASTM D6400 and complies with the Australian Standard AS 4736.*
- *BioBag has a high penetration barrier against viruses and bacterias.*
- *Biodegradable and compostable films can be produced in thicknesses from 10 to 180 micron. The quality and product characteristics can be tailored according to needs for specific products within carrier bags, hygiene film, mulch film, food packaging and other technical demanding application.*



Biodegradable and compostable films

- *High comfort & personal safety*
- *Sustainability*
- *Excellent mechanical properties*



High Quality Biodegradable & Compostable Films:

BioBag International's technical films are available under the brand BioBag®. The brand name BioBag covers different grades for different applications, all with the same aim; to improve your product and to meet your customer's needs.

BioBag International has been in the world of Bioplastics from the early start, and we are proud of the work we have done and the know-how we have built so far. We have years and years of experience running customized films with the right performance for our customers products. All our research and development are driven by consumer needs and a vision of a more sustainable environment. We believe that these two aspects can and should be regarded as one. Our films unique characteristics make them suitable for packaging, hygiene products and industry applications, and you will find our films in many products on the market. Our films strongly contribute to build a more powerful brand and an environmental sustainable product, without having to compromise on its performance.

Skin irritations and reddening are less frequent and less severe with BioBag films. We offer several grades of breathability, ranging from 250 - 1200 gr. x 30µm/ m²x 24 h. BioBag technical films are approved for food contact according to the European Directive EC 2002/72



Comfort & Personal safety

The soft and silky feel of the material gives a comfortable feeling when in direct contact with the body. Our films have a natural breathability, meaning that water vapour can pass, giving increased comfort and dryer skin, highly appreciated by consumers. The breathability can be tailored if so required. BioBag technical films are biocompatible and non-cytotoxic; in other words proven to be fit and not harmful for skin contact. Our films are also certified to be a total biological barrier to virus and bacteria, with maintained breathability!

Sustainability

All our different grades of films are certified to be compostable according to the European Standard EN13432 and the US Standard ASTM D6400. We offer grades that are biodegradable in soil and certified for home composting. Furthermore all our films are based on GMO free renewable resources. BioBag International's technical films are EPD certified which gives you all the information needed if conducting your own LCA.

Mechanical properties

In general, the mechanical properties of BioBag technical films are ranging from LDPE to HDPE, meaning that our films can be processed in standard converting lines and techniques without any major changes. BioBag technical films can also be printed upon and coloured with master batches without any pre-treatment. Our films have a good adhesion to paper and non-wovens and are good barriers to oil and fats.

Suitable applications for BioBag technical films:

- Diapers
- Feminine hygiene
- Bed linen
- Flowpack
- Outer and single unit packaging
- Laminated products
- Agricultural products
- Food packaging
- Carrier Bag films
- And for your own unique idea