



BI-OPL biodegradable film, black or black/white

According to DIN 13432, NF 52001, OK COMPOST, OF&G




Oerlemans Plastics BV has more than 25 years of experience with biodegradable film. The basic raw material for this type of film is co-polyester with poly-lactic acid (PLA). Compared to foil based on starch, its major advantages are that it is more stable and degrades more slowly. After harvesting, the film together with the crop residue can simply be ploughed into the soil or loosened using a rotary cultivator. The BI-OPL film degrades completely in the soil due to light, oxygen, temperature and microorganisms in the soil. What remains is just CO₂, water and humus.

Features:

- Very good moisture resistance
- Suppresses evaporation
- Highly elastic
- Easily moved using a machine
- Under normal conditions can be ploughed into the soil or loosened using a rotary cultivator
- The thickness of the film also determines the degrading speed
- Degrades completely in the soil
- Prevents contamination of horticulture soil by fossil PE
- Zero removal costs when compared to traditional PE mulching film
- Can be supplied including micro & macro perforation
- Used for cultivating a multitude of crop including courgettes, pineapples, fennel, summer flowers, asparagus, woody cuttings and many more crops

The solution for too much heat under your biodegradable film: black/white biofilm!

The black side ensures that weeds cannot grow under the black/white biofilm. The white side reflects light, which results in less heat under the film compared to using just black film.

-  Frequently used widths: 50 - 200 cm; other widths upon request
 Frequently used thicknesses: 12, 15, 17, 18 and 20 µm; other thicknesses upon request
 Standard lengths: 1,000, 1,500, 2,000 and 3,000 m; other lengths upon request



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Specialised and tailored horticulture film



OPEN FIELD



Tunnel film

Tunnel film is used to optimise the growth of your plants and crops. This film is also used to protect your crops. Oerlemans Plastics BV produces tunnel films according to special formulas in order to meet everyone's requirements e.g., heat-reflecting tunnel films, anti-algae tunnel films, shade-creating tunnel films and many more possibilities. In addition, we also have standard tunnel films in stock.

Features:

- **Special diffuse light is possible, which shades your plants less and prevents burning of your plants and fruits**
- **For the protective cultivation of small fruits, the completely UV-open film is an option**
- **Standard in anti-condensate/EVA/UV; also available as EVA/UV, diffuse and anti-algae film**
- **High thermicity is possible**
- **Standard widths in stock: Optilux C, AC/EVA/UV, 400 Kly, 180 micron in width dimensions of 650 / 800 / 900 / 1,000 / 1,200 / 1,450 cm; we will be pleased to unroll these according to the required roll length.**

Widths from 30 cm to 1,450 cm are possible

Frequently used thicknesses: 100, 150, 180 and 200 mu; other thicknesses upon request
Lengths upon request



Mulch film

The mulch films of Oerlemans Plastics BV are used worldwide for various applications. We can provide an appropriate solution for each application by using special formulas for each thickness (we can handle nearly all thicknesses).

Black anti-weed film for cultivating strawberries, pickles, flowers, courgettes, woody crops, shallots, fennel and many other crops

Transparent film for accelerating and protecting various types of crops

Features:

- **Easy to lay with machines**
- **No weeds under the black film**
- **Less evaporation under the film**
- **Thicknesses of 15, 20, 25 and 30 mu are reinforced by adding metallocene**
- **For thicknesses from 40 micron, multi-year UV stability is possible**
- **Everything rolled on PE cores**
- **Can also be supplied including micro & macro perforation**
- **In addition to transparent and black, it can also be supplied in black/white or black/silver**
- **Harvest-accelerating operation with the transparent film**

Frequently used widths: 50 - 200 cm; other widths upon request
Frequently used thicknesses: 15, 20, 30, 40 and 50 mu; other thicknesses upon request
Standard lengths: 1,000, 1,500, 2,000 and 3,000 m; other lengths upon request

