

Covering and climatic chamber for compost

KLIMAX

Klimax is a gas-permeable fleece composed of endless 100 % polypropylene fibres. It is ecologically compatible, environmentally friendly, extremely tear resistant and long-lasting

Maintains optimum moisture conditions

- Well balanced moisture conditions in compost are required to get high quality compost. Compost is not allowed to get too wet.
- Diverts too much moisture, so that the aerobic decomposition will not be interrupted
- Protects from drying through sun and wind



Available as rolls and mats
in different sizes.

standard-rolls: 4 / 5 m width
50 m length



Ensures proper aerobic decomposition

- A permanent gas-exchange is the most important premise for a proper decomposition
- Only low losses of moisture on warm weather-periods
- The optimum moisture conditions, also, in the outer layers, allows bacterial activity and hygienisation in every area of the cross-section

Minimizes nutrient losses

- By diverting of precipitation, the oozing out of sap is minimized as well as the eluviation of nutrients
- Groundwater is important – using Klimax the nutrients remain where they belong - in the compost.

Your expert for fleece

Description

- **Drainage of gas and liquids**

The three dimensional structure and the opening (about 90 %), guarantees the drainage in the layer of the fleece and the gas exchange in vertical direction.

- **extremely high chemical resistance**

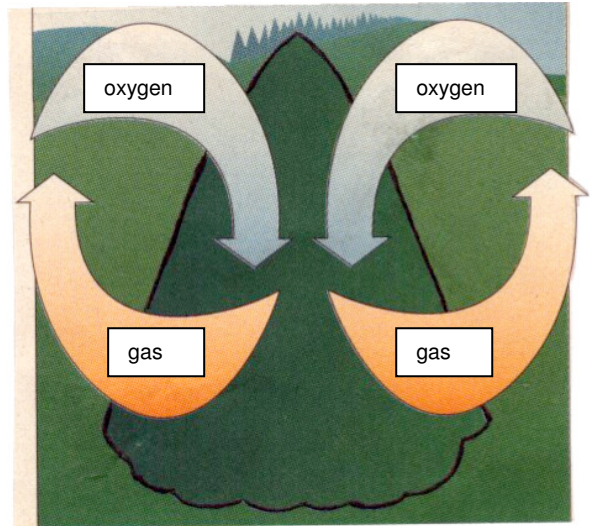
The raw material polypropylene is extremely high resistant against acids and leaches in a ph-range from 2 – 13 as well as against micro-biological attacks. It remains unaffected in contact with materials containing cement or lime and is resistant against leakage water.

- **extremely high climatical stability**

Cycles of frost and dew do not influence the strength and quality of the fleece. Also storage in damp and warm surroundings does not lead to any modification.

- **extremely high UV-resistance**

Only UV-stabilised polypropylene is used for the making of this fleece. Tests all over the world are showing the high quality.



Application advices

- Due to the low weight the fleece is easily to handle. It can be cut with a knife or with scissors to the required dimension.
- The low weight makes it easier to cover and uncover the compost.
- For protection against wind drift the fleece has to be loaded with suitable material and to be fixed with pins.
- Attention has to be paid to a proper diversion of the derived water from the compost in order to avoid a water logging of the compost.

Control of decomposition

by measurement of:

- temperature
- concentration of oxygen
- value of ph
- sulphite, nitrite, nitrate
- concentration of ammonium
- humidity

Supervision of decomposition

- by shifting
- by covering with the compost protection fleece **KLIMAX**

Technical data:

- weight: 200 g/m²
- tensile strength: 12,5 kN/m
- characteristic opening size :0,11 mm

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