

# 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

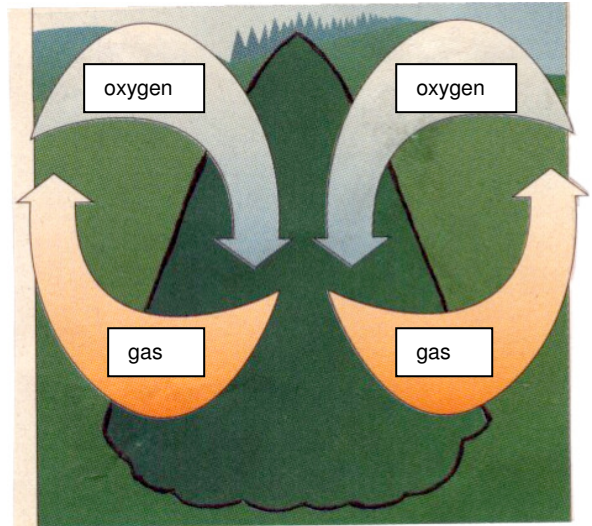
The raw material polypropylene is extremely high resistant against acids and leaches in a ph-range from 2 – 13 as well as against micro-biological attacks. It remains unaffected in contact with materials containing cement or lime and is resistant against leakage water.

### • 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/m<sup>2</sup>
- tensile strength: 12,5 kN/m
- characteristic opening size :0,11 mm

## Your expert for fleece