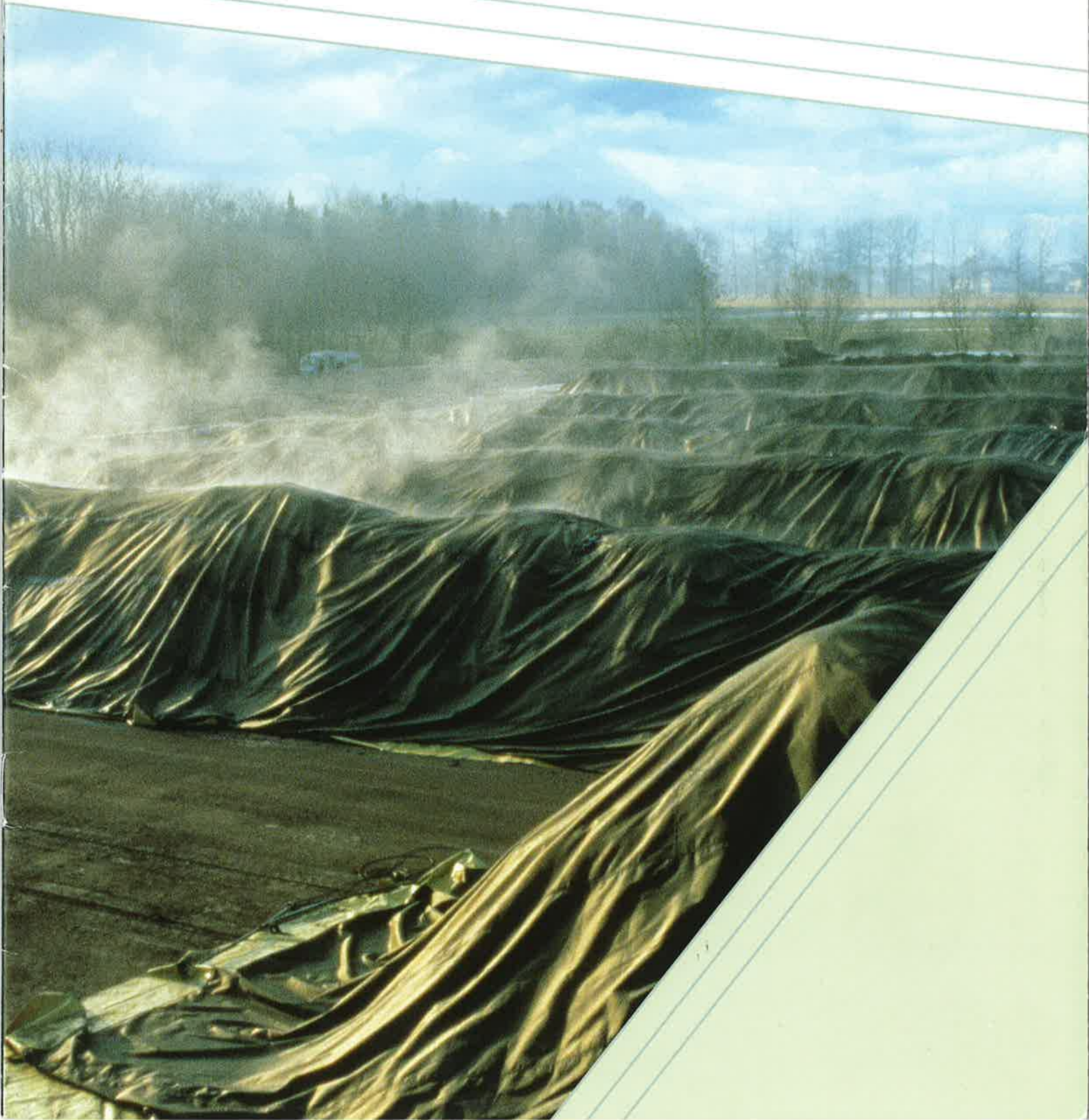




*GORE™ COVER
More efficiency in organic
waste treatment*



A close-up photograph of a green necktie, possibly made of silk, lying on a matching green fabric background. The tie is positioned diagonally, with its knot on the right side. The lighting creates subtle shadows and highlights the texture of the fabric. The overall color palette is a monochromatic range of greens.

WELL COVERED.

GORE™ Cover is the most economic and best performing solution for the treatment of organic waste – providing highest odor and emission control. GORE™ Cover completely does away with buildings for the composting of organic waste – at a fraction of the investment and operational costs.

- Recognized as the leader for in-vessel composting worldwide
- Approved and proven in over 150 composting plants in more than 20 countries
- Impossible-to-beat cost/performance ratio through low investment and running costs, optimal procedure, easy to handle and flexible in use
- For green waste, food waste, other source separated organics, biosolids and MSW – over 2 million tons per year worldwide



WELL DONE!

GORE™ COVER IS ALL ABOUT WASTE TREATMENT – AND SAVING MONEY

Controlling costs is critical for operating a waste treatment business successfully.

Stricter regulations as well as more competitive waste processing markets have led to diminishing returns per ton.

Whoever wants to survive in the long run has to

- increase the efficiency of plant throughput performance
- create a return on investment by marketing the highest quality compost as end product
- reduce initial investment and running costs
- ensure that the plant adheres to all legal regulations by operating within threshold limits at all times

In this challenging business environment GORE™ Cover represents trendsetting technology for aerobic, organic waste treatment using special semi-permeable membranes. It offers plant operators an identical performance profile and the same environmental protection as halls, tunnels, boxes or containers – at substantially lower costs.

Globally, GORE™ Cover – as the market leader – is used in over 150 composting and organic waste treatment plants, with a total plant throughput amounting to more than 2 million tons per annum.

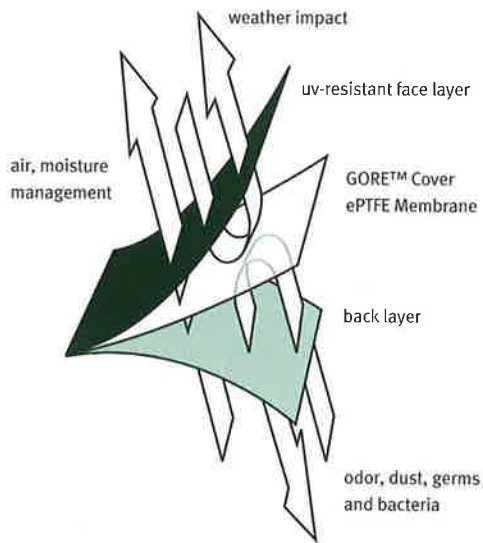
Today, fully enclosed waste treatment plants can be operated highly economically – with GORE™ Cover.





4 5





The laminate technology behind GORE™ Cover

With the waterproof and breathable GORE™ membrane as its centerpiece, GORE™ Cover's composting laminate is much more than just an enclosure. A unique microporous membrane based on ePTFE (expanded Polytetrafluoroethylene) offers semi-permeable features and enhances the rotting process. Being waterproof and windproof, it protects the composting material from the elements and consequently from unwelcome decaying processes. Being permeable to vapor it manages moisture content and retains bio-aerosols at the same time.

GORE™ COVER IS MORE THAN A COVER – IT'S A COMPLETE SYSTEM

The system behind GORE™ Cover

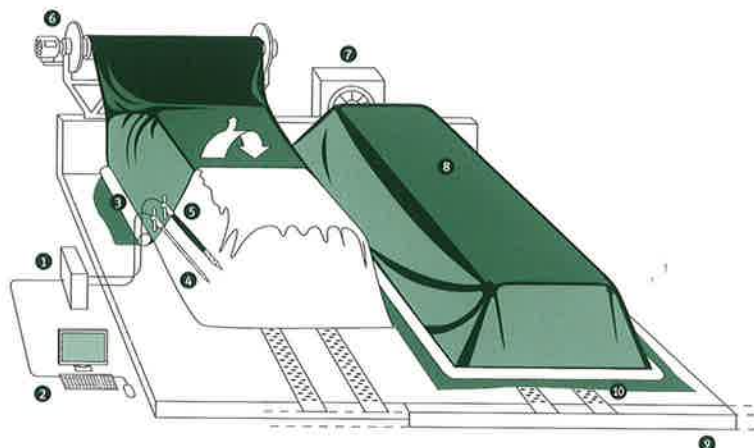
GORE™ Cover stands for a comprehensive aerated system proven in multiple sites. It is equipped with an oxygen controlled, positively aerated system and an oxygen and temperature monitoring device. This creates ideal composting conditions within the heap while efficiently trapping odors and other emissions such as dust and VOCs. This results in a higher throughput on a smaller footprint of composting area – with little energy consumption and human involvement. Biological washing and filtration is not necessary.

System support by Gore

In addition to the supply of the laminate and the technical system Gore provides intensive training to ensure sustainable operation of the treatment process.

Thus GORE™ Cover combines a number of advantages in one product: higher throughput combined with cost effectiveness in terms of personnel, energy consumption and approved regulatory conformance.

- 1 Control unit
- 2 PC
- 3 Tarpaulin retainer
- 4 Temperature profile probe
- 5 Oxygen/Temperature probe
- 6 Winding gear
- 7 Ventilator station
- 8 Gore™ Cover
- 9 Drainage system
- 10 In-floor aeration channels







ONE SOLUTION FOR A WIDE SPECTRUM OF TECHNICAL APPLICATIONS

The unique flexibility of GORE™ Cover means each system is tailor-made to fit precisely. Depending on input materials and process requirements you always have the best possible solution at an attractive cost per ton ratio.

GORE™ Cover allows professional plant operation under the following conditions:

- As a textile in-vessel system
- As a heap or as a box shaped solution
- In new plants or as a retrofit
- From deserts to extreme cold environments
- From manual handling to mechanised handling of covers with machinery
- From hundreds to many thousands of tons of annual throughput