PRODUCT CUT SHEET

TEXEL COMPOSTEX

SEMIPERMEABLE TARP IDEAL FOR COMPOSTING APPLICATIONS

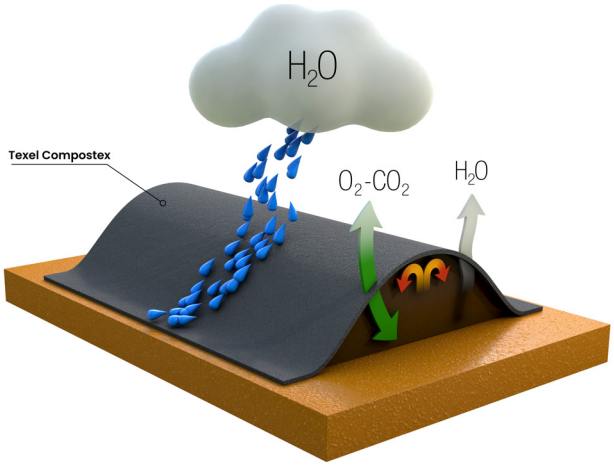
ADVANTAGES:

Controls odors during the composting process;

Reduces the presence of weeds and pathogens;

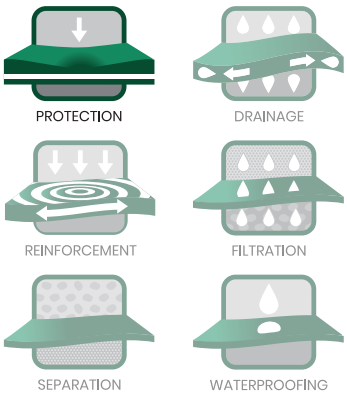
Increases compost quality by preventing leaching of essential elements.

Texel Compostex composting tarps maintain the optimal humidity level throughout the composting process in addition to accelerating the evaporation of excess water from substrates. They also shorten transformation times, improve the quality of the resulting product and improve the efficiency of operations. Manufactured of quality synthetic fibers, this unique non-woven textile is fully permeable to oxygen, carbon dioxide and vapor.



TEXEL COMPOSTEX

FUNCTIONS



SECTORS

- Municipal and Landscape Architecture
- Industrial and Waste Management

TEXEL COMPOSTEX ENSURES OPTIMAL HUMIDITY CONTROL:

- Under humid conditions, Texel Compostex ensures surface shedding of water from rain or snow;
- Under dry conditions, it reduces the loss of humidity by protecting the underlying residues from the drying effects of the sun and wind, while enabling gaseous exchanges conducive to an efficient aerobic process.

TEXEL COMPOSTEX

THE SOLUTION FOR INDUSTRIAL AND ORGANIC SITES

With dimensional, mechanical and hydraulic characteristics optimized for windrow composting, Compostex is adapted for use on industrial sites as well as in organic farming:

- **Industrial operations:** Dimensions and mechanical resistance supporting installation and withdrawal by automated windrow turners;
- **Organic farms:** Availability of made-to-measure dimension.

TEXEL COMPOSTEX, AN INEXPENSIVE SOLUTION FOR RAPID ODORLESS COMPOSTING

Composting is a biological process by which organic carbon residue is transformed in the presence of oxygen into stabilized organic matter through the intervention of existing microfl ora (bacteria, actinomycetales and fungus).

During the first phase (thermophilic) called active fermentation, microorganisms break down sugars, starch, cellulose and ligneous matter into simplified substances. In a second phase (mesophilic) called maturation, these simplified substances are used by the microflora for the synthesis of stable humid compounds.

Depending on what is input and on environmental conditions, the process can vary in duration, quality and the release of odors. In order to maximize this process, a controlled atmosphere (temperature and humidity) is preferable. The composting process, if not properly controlled, may release nauseous odors which disturb neighboring areas.

Texel Compostex is an inexpensive solution which ensures the efficient management of temperatures and humidity in the windrow to guarantee fast and odorless composting. In addition, the conditions present in the covered windrow promote the destruction of weed seeds and pathogens which may be present in the compost.

Texel Compostex is a durable and reusable product having a life expectancy of 4 to 10 years depending on climatic conditions and use.

SPECIFICATIONS	**Description**	**Type of product**	**Format**
	Texel Compostex UR	Non-woven needled polypropylene and polyester geotextile	Roll

TEXEL COMPOSTEX, PROPERTIES WHICH MAKE A DIFFERENCE

Properties Measured		Test Method	Unit	Interpretation
Mechanical	Breaking strength	ASTM D4632	N	Indicates the capacity of the geotextile to absorb tensile forces before reaching its breaking point.
	Tearing strength	ASTM D4533	%	Indicates the product's resistance to the propagation of a tear when force is applied to the material.
Hydraulic	Water resistance	AATCC No 42-2000	g of water	Measures the geotextile's capacity to shed water thus preventing it from soaking and going through the material.
	Air permeability	ASTM D737	CFM	Quantifies the ease with which air can pass through the material.

This table presents a summary of specifi cations. We invite you to consult updated information sheets and detailed technical specifi cations on our website at **www.texel.ca.**

NEED TO KNOW MORE?

Call our representatives for your projects! 1 800 463-8929 | texel.ca

1300, 2e rue, Parc industriel, Sainte-Marie-de-Beauce (Québec) G6E 1G8