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BIOTEX PP20

Plant Protect System

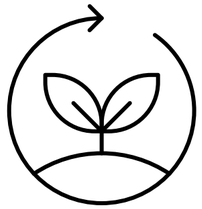
DESCRIPTION

BIOTEX PP20 is an innovative, high-performance, natural fibre, non-woven, staple fibre, needle-punched geotextile to be used as a plant protect medium in agriculture, horticulture and landscaping. The main functions of BIOTEX PP20 are **Plant Protect (PP)**. BIOTEX PP20 is a white, lightweight geotextile or fleece, used to cover crops or plants, to protect from frost and cold temperatures. BIOTEX PP20 is designed to admit light, air and rain and creates an insulating microclimate around the developing crops or plants, allowing for faster growth compared to unprotected crops or plants. BIOTEX PP20 protects against insect pests and air-borne weed attack. BIOTEX PP20 biodegrades naturally into the ground without the need to remove and dispose. BIOTEX PP20 contributes to the reduction of carbon dioxide in our atmosphere, increases habitat creation and encourages flora, fauna biodiversity.

THE ADVANTAGES

BIOTEX PP20 is a bamboo fibre geotextile for use in plant protection.

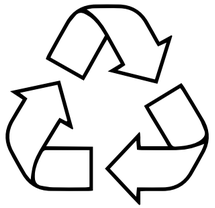
A high-performance natural fibre, non-woven, staple fibre, needle-punched geotextile to be used as a plant protect medium in agriculture, horticulture and landscaping. BIOTEX PP20 is composed of natural UV & light protected, antimicrobial, high tenacity, thermally stable, random staple bamboo fibres, providing high strength and excellent abrasion characteristics.



100%
Sustainable



100%
Renewable



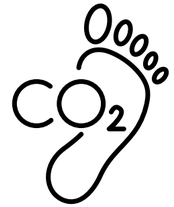
100%
Recyclable



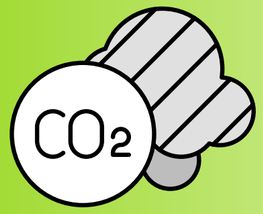
100%
Biodegradable



100%
Harmless



Near Zero Carbon
Footprint



Reduction

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BS_PP20_V1_191225

MORE ADVANTAGES

- Non-petroleum based.
- No chemicals needed.
- Protects against frost and low temperatures.
- Allows light, air, rain and nutrients to reach the soil and roots.
- Creates insulating microclimate.
- Prevents against insect pests and air-borne weed attack.
- Increases planting success and quality rate.
- Extend the growing season, allowing for earlier sowing.
- Protect seedlings before transplanting.
- Protect winter crops.
- High tenacity, thermally stable fibres.
- Contributes to the reduction of carbon dioxide in our atmosphere.
- Biodegrades in soil by micro-organisms and sunlight, if not removed.
- 12 month minimum service life-cycle (dependent on physical, chemical and biological conditions and exposure).
- Totally biodegradable packaging system.
- Remove, reuse, or recycle.
- Easy and quick to install.

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APPLICATION



Agriculture, Horticulture & Landscaping

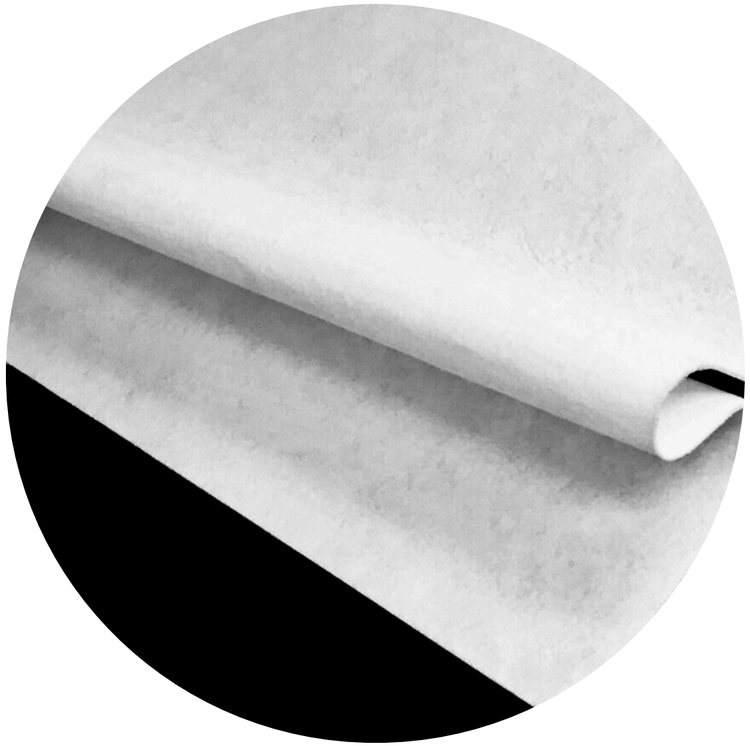


Crops & Plants



Ornamental Plants & Fruit Blossom

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BIOTEX PP20 protects plants.

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TECHNICAL DATA

Property	Test Method	Unit	Mean Value/SD
Function			Plant Protect (PP)
Mass Per Unit Area	ISO 9864:2005	g/m^2	20
Roll Width		m	1.0/2.0
Roll Length		m	100/100
Roll Area		m^2	100/200
Gross Roll Weight		kg	2.0/4.0

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PACKING AND IDENTIFICATION

BIOTEX PP20 is supplied on cardboard cores and boxed in cardboard cartons with identification labels.

ROLL SIZES

1m x 100m
2m x 100m

INSTALLATION

BIOTEX PP20 can be installed onto any prepared ground surface, across sown seedbeds or existing crops. Roll out BIOTEX PP20 by hand or mechanical applicator on to the prepared ground surface, seedbed or crops. Overlap the fabric to best protect plants. Fix BIOTEX PP20 into position using BIOFIX bamboo fixing pegs or steel ‘J’ pins, at a rate of 4 per m^2 or secure using sand bags. Alternatively, bury edges into slit trenches. Lay on top/around juvenile or delicate plants. Secure around base of plants with hessian string.

QUALITY CONTROL

A Quality Management Systems (QMS) according to ISO 9001:2015 and BS EN 15381:2009 (pending) is used with the objective to achieve complete customer satisfaction. An internal laboratory leads the quality control procedures for the range and for the development of new products. Random testing and cooperation with UKAS and other accredited laboratories are a guarantee of an optimized quality control system.

The values and tolerances given are obtained at manufacture and at accredited testing institutions. The information given is to the best of the Company’s knowledge true and correct. BIOTEX PP20 is a UKCA (pending) marked product.

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STORAGE

Rolls of BIOTEX PP20 shall be stored on dry, stable, level ground and stacked no more than 10 cartons high. No other materials shall be stacked on top. The rolls can be stored outdoors when packaged but must be kept dry. All materials must be stored in accordance with good health and safety practices.

ADDITIONAL INFORMATION

Reported values are arithmetic mean values, unless otherwise stated. A set of test results shall be those results derived from specimens cut from one sample and taken across the full width of a roll. For sampling, ISO 9862 should be applied. Standard Deviation (SD) is a measure used to quantify the amount of variation or dispersion of a set of data values.

MANUFACTURE

ISO 9001:2015
Made in China.

AMENDMENTS

The Company reserves the right to amend this document at any time, without notice.

DISCLAIMER

Inasmuch as the Company has no control over installation design, installation workmanship, accessory materials, or conditions of application, the Company does not warrant the performance or results of any installation or use of BIOTEX PP20. This warranty disclaimer includes all implied warranties, statutory or otherwise, including the warranty of merchantability and of fitness for a particular purpose. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product for the particular purpose desired in any given situation.


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systems