Profile® Growing Solutions

propagate

BioStrate®

BIOBASED PROPAGATION FELT

TruRoot

BIOSTRATE® BIOBASED PROPAGATION FELT

This lightweight biobased textile is designed for the hydroponic production of microgreens, salad greens and wheatgrass. BioStrate® absorbs and retains water while providing an optimal environment for dense healthy root development. Our blend of biopolymers and natural fibers is designed to manage water efficiently for optimal growth in a variety of hydroponic systems.

BioStrate® will maintain its structural integrity for the entire crop cycle and won't clog filters. Custom widths and pre-cut shapes are available.

GROWER BENEFITS

- Holds the optimal amount of water
- Ready to plant, no pretreatment required
- Custom widths available
- Roots are stabilized
- Lightweight
- Easy to use

STORAGE & HANDLING INSTRUCTIONS

Store out of direct sunlight in a cool dry location. As with all dry fiber products, the use of a dust mask is recommended.

SHELF LIFE: 12 months when stored as directed. Monthly inspections recommended.

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TECHNICAL DATA

Physical Properties

DESCRIPTION:

BioStrate® is a biobased non-woven felt made from a biopolymer and natural fiber blend.
- **Weight:** 160 gsm
- **Thickness:** .08 inch (1.95 mm)

FOOD SAFETY

This product is food safe when used in conjunction with your own food safety program.

TO USE

- Moisten BioStrate® Felt with mist or a quick dip in a water bath.
- Let excess water drain.
- Sprinkle seeds to the desired density, then mist. BioStrate® can support tightly packed seedlings.
- Place in germinating area for 48 hours or as needed.
- BioStrate® performs best when not overwatered. The amount of water will vary depending on the system used. The felt should be kept moist, not saturated. Water level should not be higher than the top of the medium. If water pools in the felt, reduce water flow.