

Jute Felt Agro Textile

Soil Stabilization & Weed Suppression Mat

Description

Jute Felt is the most robust weed and erosion control geotextile made of natural jute fibers.

Jute Felt acts as a mulch, providing weed suppression and moisture retention to enhance plant establishment, while protecting the topsoil from erosion.

Jute Felt is 100% organic and has an expected effective life of approximately 6-8 months.

Applications

A natural mulch mat for weed and erosion control ideal for:

- Slopes up to 1:1 grades.
- Roadside and general landscaping.
- Agro field, Garden and revegetating beds.
- Wetlands and riparian batters.
- Coastal sites.

Pre-cut Planting Slits

We provide a service to pre-slit the matting with planting holes at a variety of planting densities.

Benefits of pre-slit **Jute Felt**:

- Reduces OH&S issues with bending and sharp cutting tools.
- Significantly reduces labor costs when planting.
- Reduces time in setting out plantings.
- Uniformity of planting pattern ensures correct plant numbers.



Product Tip

Jute Felt 300-600 gsm thickness is the optimum balance between weed suppression and water penetration. This performance is achieved due to the mass (300-600 g/m²) and thickness of **Jute Felt**.

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Benefits

Halts Erosion

Exposed soils are protected with biodegradable **Jute Felt**, providing erosion control for up to 18 months.

Mulches

Jute Felt acts as a roll-on mulch, adding organic matter to the soil as it breaks down. Suppresses most weeds while planted vegetation is established.

Retains Water

Jute Felt greatly reduces moisture loss due to evaporation, and conforms to the contours of the ground.

100% Organic

Jute Felt contains no plastic meshes and will not entangle wildlife or machinery.

Other Features

Zero protein base makes it free from mold and fungi.

Facts Supported by Research

Temperature Control

Breathability of the felt reduces heat absorption, on the other hand works as a thermal and act as a great soil temperature control mat.

Improve Soil Structure

The felt improve soil quality and significantly increase availability of nitrogen, phosphorous, potassium, and organic carbon

Improve Soil Aggregation

The values of Mean Weight Diameter (MWD), Geometric Mean Diameter (GMD), Structural Coefficient (SC), and Water Stable Aggregates (WSA) were found significantly higher

Production yield

Production using the mat increase yield due to proper root growth towards uninterrupted availability of nutrients through continuous supply of moisture and air.

Specifications

Name	Jute Felt
Material	100% biodegradable jute fibers. Needle-punched high-density matting. Beige color.
Construction	Non woven
Mass	300 - 600 g/m ² (nominal).
Life Expectancy	Effective life of up to 6-8 months.
Pinning Rate	3 pins per m ² (see Installation Sheet).



Field Tip

Preliminary weed control is essential before installation. Several bulbous weed species may have the ability to penetrate the matting. Examples are paspalum spp, allium spp (onion weed), kikuyu grass, couch grass, some secale spp (rye) and cyperus rotundas (nut grass).



Roll size	Weight per roll	Product weight	Product thickness	Life expectancy
1m x 10m	± 3-6 kg	300 - 600g/m ²	± 1.5 mm	6-8 months

Please note: Specifications can be customized as per customer requirements. Minimum order quantity 10000 m²

Caution advised where fire is a risk.