

Straw Blankets

Effective Erosion Control

Straw Blankets are a biodegradable erosion control product designed for use on medium-low slopes and channels. Constructed with a base fabric of agricultural wheat straw, these blankets provide short-term protection along banks, hills, channels, and streams. Standard options for these blankets include single or double netting made from biodegradable, photodegradable or rapid degrade thread.



Perfect For Use In:

- Bank and shoreline stabilization
- Soil erosion control
- Restoration projects
- Low-medium slopes 3:1 or 2:1
- Low-medium channels



Straw Blanket Options	
Single Net Straw Blankets	Standard Blankets: Photodegradable Polypropylene Netting Rapid Degrade Blankets (60-90 days) Biodegradable Blankets: Jute Netting
Double Net Straw Blankets	Standard Blankets: Photodegradable Polypropylene Netting Rapid Degrade Blankets (90 days) Biodegradable Blankets: Jute Netting

Straw Erosion Blankets are constructed with either a single or double net that creates a barrier around sections of wheat straw fabric. Nets are made from biodegradable jute, photodegradable polypropylene, or a rapid degrade material to meet the requirements of different locations.

All straw blankets are built from biodegradable wheat straw that naturally degrades into the surrounding areas over time.



GEI
WORKS
932-2019-02-26

Straw Blankets

Effective Erosion Control

Straw Blankets Typical Specifications						
Mat Type	Description	Netting	Slopes	Flows	Lifespan	Sizes (Feet)*
Single Net	Standard Single Net Straw Blankets	Polypropylene	3:1 or less	Low Flow Channels	Up to 12 months	8' x 112.5' 8' x 562.5' 16' x 112.5'
Single Net	Biodegradable Single Straw Net Blanket	Jute	3:1 or less	Low Flow Channels	Up to 12 months	8' x 112.5'
Single Net	Rapid Degrade (60-90 day) Single Net Straw Blanket	Rapid Degrade	3:1 or less	Low Flow Channels	Up to 3 months	8' x 112.5'
Double Net	Standard Double Net Straw Blankets	Polypropylene	2:1 or less	Low—Medium Flow Channels	Up to 12 months	8' x 112.5' 8' x 562.5' 16' x 112.5'
Double Net	Biodegradable Double Net Straw Blanket	Jute	2:1—3:1	Low—Medium Flow Channels	Up to 12 months	8' x 112.5'
Double Net	Rapid Degrade (90 day) Double Net Straw Blanket	Rapid Degrade	2:1 or less	Low—Medium Flow Channels	Up to 3 months	8' x 112.5'

*Some straw blankets are available in additional dimensions. Contact GEI Works for more information and unique size availability.

Interior Fabric

Typical fabric used for the straw blankets is made from biodegradable wheat straw. This fabric is designed to be natural and provide no additional harm to the environment during their use. As they biodegrade over time, they will enrich the surrounding areas.

Outside Netting

Netting used for the blankets will be made from biodegradable jute, photodegradable polypropylene or rapid degrade fabrics. Each net comes in a single or double netting design for added strength and stability.

Installation

Installation for the straw blankets will vary depending on the steepness of your slope and area where you will be placing the fabric. Standard installation begins with preparing the install areas. This includes removing debris, leveling the soil and/or adding any vegetation or seeding. Once the area is prepared, blankets can then be laid in place. Tops of each mat should be installed into a 6 in. trench which is then filled for added stability. Depending on the slope in your area, blankets should be stapled periodically throughout the mat.



GEI
WORKS
932-2019-02-26