

JutePro-PAK thick 770

Compressed Jute Erosion Control - Halving the Carbon Footprint!

NEW Revolutionary Compressed Technology

Global Green Environmental introduces JutePro-PAK Thick (770GSM) – a world first compressed jute thick mat.

More product - Less space used in transport and storage.

Global Green's innovative use of compression techniques improves shipping volumes, reducing the carbon footprint for every roll of jute.

Specifications

Name	JutePro-Pak Thick 770 compressed
Code	JUTEPAK750S
Material	100% organic, biodegradable, quality fibre Jute.
Construction	Central Hessian scrim. Upper and lower layers of jute fibres are tightly needle-punched onto the scrim.
Mass	770 gsm (nominal)
Density	110-120Kg/m ³ (nominal)
Weight	38kg per roll (nominal)
Pinning rate	3 – 4 pins per m ²
Dimensions	2m x 25m (50sqm)
Pallet Qty	20rolls - 2.0m W x 1.1m D x 1.2m H

Performance Characteristics

JutePAK Thick delivers effective erosion control and weed suppression performance. Note that the matting will gradually expand closer to its pre-compressed thickness over time once laid on the ground with exposure to weather and rainfall:

- **Erosion Control:** Up to 18 months protection depending on environment, suitable for slopes up to 1:1 grade
- **Weed Suppression:** Dense 750gsm matting suppresses most weeds during vegetation establishment
- **100% Organic:** Natural hessian scrim with no synthetic mesh – safe for wildlife
- **Natural Benefits:** Biodegradable, adds organic matter to soil, provides heat insulation and moisture retention

Operational & Safety Advantages

- **Palletized Delivery:** 20 compressed rolls per pallet (2.0m W x 1.1m D x 1.2m H)
- **Enhanced Safety:** Eliminates manual handling risks during container unloading to reduce OH&S incidents
- **Storage Efficiency:** Compressed rolls take up 50% less warehouse or container storage
- **Site Handling:** Fewer deliveries reduces, freight costs, carbon emissions, site congestion and logistics
- **Installation Benefits:** Wider 2.0m rolls, fewer joins, faster coverage. 9.3% more area per roll reduces installation time



Environmental Impact: The Numbers

Analysis of shipping emissions from our manufacturing facility to Australia (approximately 7,000 nautical miles) reveals significant carbon savings through compression technology.

Product Specifications & comparison

Metric	Generic Jute (non-compressed)	Compressed JutePro-PAK	Improvement
Coverage per 40ft box	11,895 m ²	23,500 m ²	+97.6%
Rolls per container	260 rolls	470 rolls	+80.8%
Roll dimensions	1.83m x 25m (45.75 m ²)	2.0m x 25m (50 m ²)	+9.3%
C02 per m ² delivered	240 g C02/m ²	122 g C02/m ²	-49.2%
Shipping emissions	5.72 tonnes C02	2.86 tonnes C02	-49.2%

JutePro-Pak compression savings, is the equivalent to the carbon sequestered by 132 tree seedlings grown for 10 years.



Contact us for more information on the JutePro-PAK Thick 770.

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