

Description

Vital Eco-Nett is manufactured from certified compostable resin*, binders and natural softening agents. This netting offers a high level of mechanical strength, rigidity and durability. Once laid in the ground and in contact with soil, moisture, microbes and fungi, the netting will start to degrade safely depending on the nature of the soil and the climatic conditions. **Vital Eco-Nett** is a compostable and ethically sourced alternative to geotextiles, such as geofabrics and jute mesh.

	Industry Coir Mesh	Vital Eco-Nett
GSM	900	986
Effective Tensile Strength (Kg/m)	2,490 x 1,050	2,822 x 2,073
Elongation	36% x 40%	271% x 494%

Recommended Applications

- Erosion control;
- Soil stabilisation;
- Landscape jute/coir and geotextile replacement;
- Revegetation reinforcement;
- Bank stabilisation;
- Drain reinforcement;
- Concentrated flow.

Features

- Short to medium term stabilisation;
- Compostable;
- Certified non-hazardous;
- No polyacrylamide or polyurethane resins;
- Completely environmentally and workplace safe product.

Specifications

Appearance	BEIGE NETTING	Solubility (water)	INSOLUBLE
Odour	NONE	Vapour pressure	NOT AVAILABLE
Flammability	NON FLAMMABLE	Upper explosion limit	NOT RELEVANT
Flash point	NOT RELEVANT	Lower explosion limit	NOT RELEVANT
Boiling point	NOT AVAILABLE	Partition coefficient	NOT AVAILABLE
Melting point	110 - 150°C	Autoignition temperature	NOT RELEVANT
Evaporation rate	NOT AVAILABLE	Decomposition temperature	NOT AVAILABLE
pH	7	Viscosity	NOT AVAILABLE
Vapour density	NOT AVAILABLE	Explosive properties	NOT AVAILABLE
Specific gravity	NOT AVAILABLE	Oxidising properties	NOT AVAILABLE
		Odour threshold	NOT AVAILABLE

***Vital Eco-Nett** is made from resin certified compostable by the Australasian Bioplastics Association (ABA) to standards AS4736 for industrial composting. The material has been tested and certified to not contain any toxins like PFAS, heavy metals or plasticisers, and to not show any toxic effect on plants and earthworms as per OECD 207/208 standards. The disintegration process does not generate any persistent microplastics.

Shelf Life

Vital Eco-Nett should be transported, stored, and handled in cool and dry environments. Keep undercover, away from moisture, and without exposure to direct sunlight. Segregate from strong oxidising agents.

Physical Properties

Vital Eco-Nett is supplied in standard 30m rolls, in natural colour that is certified compliant to relevant standards for compostability.

Properties	Test Method	Value	Unit
Weight	CBP Method	555	gsm
Aperture Size	CBP Method	11 x 13	mm
Lay Flat Width	CBP Method	1.2 x 30	m

Precautions

Vital Eco-Nett contains no hazardous substances requiring labelling. For more information, refer to Safety Data Sheet.

For any further product or application advice or instruction, contact Vital Chemical Pty Ltd.

Contractors must undertake appropriate risk assessments to ensure the safe delivery of the product to the application area.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in the **Vital Chemical Pty Ltd** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **Vital Chemical Pty Ltd** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **Vital Chemical Pty Ltd**, are responsible for carrying out procedures appropriate to a specific application.
