GRIPLAST®

The professional protection for plantations

Biodegradable ground cover

100% PLA

This ground cover 100% made of PLA (Poly Lactic Acid) is completely biodegradable according to DIN EN 13432 standard. The processes of needling and calendaring used to produce the nonwoven provide intimate intermingling of the fibres there between.

The use of fibre glass body provides a permanent and lasting colour over time. The chosen colour allows the product to fit easily into any type of landscaping project without visual pollution.

Advantages:

- Provides weeds control
- Reduces the use of herbicides
- More permeable and more water absorbent than synthetic ground cover. And allows maintaining excellent conditions for the development of the plants.
- UV resistance
- Simple and fast installation (Machineable)

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Technical data:

- In compliance with DIN EN 13432 standard
- Composition : 100% PLA
- Life: Approximately 48 months
- Widths of the rolls: 1, 2 and 3 meters.
- Roll length: 100 linear meters.
- Calendaring on one side

To protect each plant individually we are also able to offer you 100% PLA collars, available in the following dimensions (cm): 33x33 / 50x50 / 66x66 / 100x100

It is recommended to install the Ground cover and collars using bevelled metal staples.

Properties	Standard	Value	Tolerance
Colour		Brown	
Weight		190 g/m²	+/- 10%
Breaking strength (SP)	NF EN ISO 10319 : 2008	2 kN/m	+/- 0.5 kN/m
Breaking Strength (ST)	NF EN ISO 10319 : 2008	3.5 kN/m	+/- 0.5 kN/m
Elongation at break (SP)	NF EN ISO 10319 : 2008	65 %	
Elongation at break (ST)	NF EN ISO 10319 : 2008	50%	
Water permeability	NF EN ISO 11058 : 2010	131 L/m².s-1	
Absorptive capacity	ISO 9073-6	LAC% = 503	

The values provided by this data sheet are statistics from the results of control tests performed in external laboratories. We reserve the right to modify these data without notice (28/09/2011) - The life is given as an indication and depends on the type of soil, the climatic conditions and installation conditions -

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