



DS Technical Nonwoven

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Technical Specification
BIOWEEDSTOP

(Part of the BIOCOVERS® family)



Product	BIOWEEDSTOP 130 g/m ²
Article Code	BIOW013080550
Colour	Dark brown <i>(Given the natural resource of the fibre, the colour can vary from delivery to delivery.)</i>
Composition	95 % Biofibres (PLA) + 5% Hemp from EU 100 % biobased, 100 % biodegradable, OK compost S233
Energy	70% from own wind mills

Mechanical Characteristics	Norm	Value	Tolerance
Weight	EN ISO 9864	130 g/m ²	+/- 12%
Thickness	EN ISO 9863-1	0,8 mm	- 0,3 mm
Tensile strength (length)	EN ISO 10319	3 kN/m	- 0,5 kN/m
Elongation (length)	EN ISO 10319	> 40 %	- 10%
Tensile strength (width)	EN ISO 10319	3 kN/m	- 0,5 kN/m
Elongation (width)	EN ISO 10319	> 40 %	- 10%
Water permeability	EN ISO 11058	125 l/m ² s	+/- 10%
Ignitability by smouldering cigarette	EN ISO 12952-1/2	succeeded	
UV stability	Internal test	min 3 years	
Dimensional stability by 60°C	Internal test	max 1% crimp	

Roll dimensions	Value	Tolerance
Length	25 / 50 / 100 m	+/- 3%
Width	1 / 2 m	+/- 1%
Core diameter (outside/inside)	60/75 mm	
Diameter roll	20 cm (25m) / 25 cm (50m) / 35 cm (100m)	
Other dimensions on request (max width 4m10; max length 400 m)		

Other conditions

Life time depends on storage conditions (inside, in dry conditions, max 12 months).

The mechanical characteristics will gradually decrease under normal European weather conditions.