



**DS Technical Nonwoven**

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**Technical Specification**  
**BIOWEEDSTOP**

(Part of the BIOCOVERS® family)



Product	BIOWEEDSTOP 157 g/m <sup>2</sup>
Article Code	BIOW015780550
Colour	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	157 g/m <sup>2</sup>	+ 10%
Thickness	EN ISO 9863-1	0,9 mm	- 0,3 mm
Tensile strength (length)	EN ISO 10319	4 kN/m	- 0,5 kN/m
Elongation (length)	EN ISO 10319	> 40 %	- 10%
Tensile strength (width)	EN ISO 10319	4 kN/m	- 0,5 kN/m
Elongation (width)	EN ISO 10319	> 40 %	- 10%
Water permeability	EN ISO 11058	125 l/m <sup>2</sup> s	+/- 10%
Ignitability by smouldering cigarette	EN ISO 12952-1/2	succeeded	
UV stability	Internal test	min 7 years	
Dimensional stability by 60°C	Internal test	max 1% crimp	

Roll dimensions	Value	Tolerance
Length	25 / 50 / 100 m	+/- 3%
Width	1 / 2 / 4 m	+/- 1%
Core diameter (outside/inside)	60/75 mm	
Diameter roll	0	
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 product will function for minimum 7 years (from date of delivery), the mechanical characteristics will gradually decrease under normal European conditions, no installation in or under water or in extreme alkali conditions (cement,...)