

## Functions

Stimulates the growth of the plants

Prevents the growth of weeds

Not harmful to the environment and prevents the use of herbicides

## Product Specifications

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
MATERIAL		mix of 2 polymers : biodegradable and compostable			
TISSUE COLOUR		black			
TAPE COLOUR		black	black		
PATTERN		line 25 cm			
COLOUR LINING		green			
TISSUE WEIGHT	ISO 3801	130		g/m <sup>2</sup>	± 5 %
WIDTH		270 - 310 - 415		cm	± 2 cm
LENGTH		100		m	± 2 %
REMARKS					

## Technical characteristics

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
BREAK ELONGATION	ISO 10319	30	30	%	± 20%
TENSILE STRENGTH	ISO 10319	12,0	8,5	kN/m	± 20 %
UV-STABILIZATION	ISO 4892-3 cycle 3	≅ 320		kLy	
SHRINKAGE à 60 °C	INTERNAL	1,5	1,5	%	MAX
WATERPERMEABILITY	ISO 11058	0,010		m/s	± 50 %
REMARKS	UV-Stabilization : Based on QUV testing min 3000 h (cycles of 5 h light exposure UV-A 340 nm 0,83 W/m <sup>2</sup> at 50°C and 1 h water spray), which corresponds theoretically to a solar irradiation of 320 kLY. In a climate zone of 90 kLy/y (Western Europe) this corresponds to 3-4 years.				

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