

# Coverlys TR100

Agrotextiles - PE woven coverings

Technical Textiles

## Functions

Coverlys TR100 is an uncoated PE fabric used in the roof and the walls of greenhouses

Coverlys TR100 is a high quality product thanks its extreme strength and UV stabilisation

Coverlys TR100 protects the plants against excessive sunlight, warmth, cold and moisture

## Product Specifications

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
MATERIAL		PE	PE		
TISSUE COLOUR		transparent			
TOTAL WEIGHT		100		g/m <sup>2</sup>	± 5 %
WIDTH		on request		cm	± 2 cm
LENGTH		100 - 1000		m	± 2 %

## Technical characteristics

PROPERTIES	TEST METHOD	VALUE		UNIT	TOLERANCE
		WARP	WEFT		
BREAK ELONGATION	ISO 13934-1	20	18	%	± 20 %
TENSILE STRENGTH	ISO 13934-1	800	800	N/5cm	± 20 %
UV-STABILIZATION	ISO 4892-3 cycle 3	≅ 400		kLy	
LIGHT TRANSPARENCY		80,0		%	± 10 %
REMARKS	UV-Stabilization : Based on QUV testing min 3700 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 400 kLy. In a climate zone of 90 kLy/y (Western Europe) this corresponds to 4-5 years.				

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