

# OPTIGRÜN FIL 300

## Filter Fleece

Stable filter separation layer with tested water permeability.



<b>Material</b>	PP (polypropylene)
<b>Nominal thickness</b>	approx. 3 mm
<b>Grammage</b>	approx. 300 g/m <sup>2</sup>
<b>Colour</b>	white
<b>Geotextile robustness class</b>	GRC 5
<b>Mechanical filter efficiency</b>	0.08 mm (EN ISO 12956)
<b>Max. tensile strength longitudinal/lateral</b>	21 / 24 kN/m (EN ISO 10319)
<b>Elongation longitudinal/lateral</b>	65 / 75 % (EN ISO 10319)
<b>Puncture resistance</b>	3,800 N (EN ISO 12236)
<b>Vertical water permeability</b>	57 l/s m <sup>2</sup> (EN ISO 11058)
<b>Quantity/delivered unit</b>	120 m <sup>2</sup> /roll = 2.0 x 60.0 m 720 m <sup>2</sup> /pallet
<b>Delivery form</b>	6 rolls on euro pallet 800 x 1,200 mm
<b>Pack size</b>	Diameter approx. 0.45 m, height approx. 2.0 m / per roll
<b>Delivery weight</b>	approx. 36.0 kg/roll - approx. 240.0 kg/full euro pallet
<b>Mechanically strengthened</b>	yes
<b>Detector tested</b>	yes
<b>CE certified</b>	yes (1213 CPR 5930)
<b>Resistance</b>	min. 25 years

### Area of use

- Horizontal filter layer between the drainage and gravel base layers, under public areas where cars and trucks circulate, as well as pedestrians
- Filtration of particles from the substrate
- For superstructural parts accessible to vehicles and pedestrians
- Can also be used above drainage layers, for example for distribution of water over a surface in conjunction with irrigation facilities or retention roofs.

### Specific properties

- 100% PP (polypropylene)
- CE-marked CE-1213-CPR-5930
- Puncture resistance 3,800 N (EN ISO 12236)
- Vertical water permeability 57 l/s x m<sup>2</sup> (EN ISO 11058)
- 21 kN/m or 24 kN/m tensile strength longitudinal/lateral
- Mechanically strengthened
- Detector tested
- Recyclable
- Has a European Technical Assessment (ETA-13/0557) as part of the Optigrün system solutions



The preceding details are guideline values established under laboratory conditions. These values are subject to a certain manufacturing tolerance. The data contained in this product information sheet represents Optigrün's technical knowledge at the time of publication. Optigrün reserves the right to change and update details in accordance with new insights and to modify specified properties accordingly. No liability accepted for misprints.

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