

PRODUCT CARD

GREENFOND  
**PES 300** geotextile

GREENFOND PES 300 is a geotextile made from polyester filaments. Due to its high density, the structure is ideally suited as a separating and protective element

GREENFOND PES 300 has a wide range of applications, ranging from the construction of roads, highways, airports, car parks and playgrounds. These products can also be found in industrial and residential constructions, e.g. green roofs, vertical and horizontal protective layers. Roll size 2 x 50 m is selected so that it is convenient for transport and assembly at the construction site.



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### TECHNICAL DATA OF THE PRODUCT:

Areal density		300 g / m <sup>2</sup>
Width		2 m
Length		50 m
Weight		28.8 kg
Tensile strength	EN 10319	kN / m
MD		5.9 (+/- 0.59)
CMD		13.8 (+/- 1.38)
Relative elongation at max. load	EN 10319	%
MD		137 (+/- 13.73)
CMD		119.6 (+/- 11.96)
Dynamic cone drop	EN 13433	11 (+/- 5) mm
Static puncture (CBR test)	EN ISO 12236	0.8 (+/- 0.1) kN
Characteristic pore size	EN ISO 12956	0.145 (+/- 0.145) µm
Water permeability in the direction of perpendicular to the surface		7.97 * 10 <sup>3</sup> (+/- 0.797 * 10 <sup>3</sup> ) m / s
Use		F, R, S
Durability		Cover on the day of embedding. Expected durability min. 5 years in natural soils by 4 < ph <9 and in the soil at 25 C if the product does not have a reinforcement function.
Roll dimension		2x50 m / 100m <sup>2</sup>
Article number		10.1208