

GC 300 W6/B0

Technical Data

TenCate Polyfelt® GC 300 W6/B0 is a two-layers continuous-filament needle-punched nonwoven with oil trapping and treatment functionalities



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Oil trapping and treatment functionality:

The oil release of correctly installed pervious or macro-pervious pavements in typical usage (10 times the average oil input, i.e. oil input of 1.8 g/m²/week) including one layer of the TenCate Polyfelt GC 300 W6/B0 special nonwoven between the laying course and subbase (or subbase replacement), plus a geotextile filter around the outlet pipe or, in infiltrating systems, a geotextile separating the subbase from the soil, would be lower than 5 ppm.

Other properties		Standard	Unit	GC 300 W6/B0
Mechanical Properties				
Tensile strength	MD* / CD*	EN ISO 10319	kN/m	25 / 25
Elongation at maximal load	MD* / CD*	EN ISO 10319	%	85 / 75
CBR puncture resistance		EN ISO 12236	N	3.85
Dynamic perforation		EN ISO 13433	mm	15
Hydraulic Properties				
Permeability normal to the plane ($\Delta h = 50$ mm)		EN ISO 11058	m/s	0.055
Characteristic opening size	O ₉₀	EN ISO 12956	μm	85
Product Properties				
Mass per unit area	μ _{GT}	EN ISO 9864	g/m ²	305
Thickness under 2 kPa	t _{GT}	EN ISO 9863-1	mm	2.7
Forms of supply**				
Width			m	6
Length			m	100

* MD = Machine Direction * CD = Cross Direction

** See TenCate Geosynthetics France S.A.S. general terms of sales

Attention! The values given are indicative and correspond to average results obtained in our laboratories and testing institutes.

The right is reserved to make changes without notice at any time. Please check that you have at your disposal the latest edition of the technical datasheet.

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are certified for the design, manufacturing and
sales of geotextile and geotextile related products

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