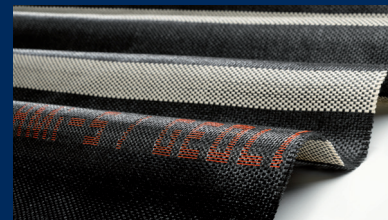


# HM*i*-5

## Technical Data

TenCate Geolon® HM*i*-5 woven geotextiles are engineered materials suitable for short and long term soil reinforcement applications. They are composed of high modulus polypropylene fibres, assembled to form a structured and stable woven geotextile.



TenCate Geolon® HM*i*-5

Properties [Standard]	Unit	HM <i>i</i> -5	
<b>Mechanical Properties</b>			
Stiffness [EN ISO 10319]	MD	kN/m	1.100
Tensile strength [EN ISO 10319]			
at 5%	MD* / CD*	kN/m	55
at 3%	MD* / CD*	kN/m	33
at 2%	MD* / CD*	kN/m	22
Dynamic perforation (cone drop) [EN ISO 13433]		mm	7
Static puncture resistance (CBR) [EN ISO 122236]		kN	9
<b>Hydraulic Properties</b>			
Characteristic opening size $O_{90}$ [EN ISO 12956]		$\mu\text{m}$	300
Water permeability normal to the plane [EN ISO 11058 - $\Delta h = 50 \text{ mm}$ ]		mm/s	20
<b>Forms of Supply</b>			
Roll width		m	5,2
Roll length		m	100
Roll weight [indicative]		kg	160

\* MD = Machine direction \* CD = Cross direction. Min: These values are given within the 95% confidence level. Other forms of supply as well as other grades are available on request..

For information concerning long term design strength, friction behaviour or other product properties please contact your local TenCate Geosynthetics partner.

The values given are average values obtained in our laboratories and in testing institutes. The information given in this datasheet is to the best of our knowledge true and correct. However new research results and practical experience can make revisions necessary. The right is reserved to make changes without notice at any time. No guarantee or liability can be drawn from the information mentioned herein.

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TenCate Geosynthetics Austria Gesm.b.H,  
TenCate Geosynthetics France S.A.S and  
TenCate Geosynthetics Netherlands b.v. are  
certified for the design, manufacturing and  
sales of geotextile and geotextile related  
products.

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