



## GC1000M

GC1000M is composed of high tenacity polypropylene multifilament yarns, which are woven into a stable network such that the yarns retain their relative position. GC1000M is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Wide Width Tensile Strength (at ultimate)	ASTM D4595	lbs/in (kN/m)	1000 (175)	1000 (175)
Wide Width Tensile Elongation	ASTM D4595	%	20(max.)	20 (max.)
Factory Seam Strength	ASTM D4884	lbs/in (kN/m)	500 (88)	
Apparent Opening Size (AOS)	ASTM D4751	(U.S. Sieve #) (mm)	30 (0.60)	
Water Flow Rate	ASTM D4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	20 (815)	
Mass/Unit Area	ASTM D5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	33 (1119) (Typical Value)	
UV Resistance (% strength retained after 500 hrs)	ASTM D4355	%	85	

**Disclaimer:** TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

© 2011 TenCate Geosynthetics North America  
Geotube® is a registered trademark of Nicolon Corporation

