



# Geotube

## GT1000

GT1000 is a black coloured fabric composed of high tenacity polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. GT1000 is used to manufacture Geobag, Geotube® and Geocontainer® systems for engineering applications. GT1000 is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Characteristic Value	
			MD	CD
Wide Width Tensile Strength	ISO 10319	kN/m	200	200
Wide Width Tensile Elongation	ISO 10319	%	20	15
Factory Seam Strength	ISO 10321	kN/m	90	135
CBR Puncture Strength	ISO 12236	kN	18	
Drop Cone	ISO 13433	mm	7	
			<b>Average Value</b>	
Characteristic Opening Size	ISO 12956	mm	0.25	
Water Flow Rate	ISO 11058	l/m <sup>2</sup> /s	20	
Abrasion Resistance	ASTM D 4886	% strength retained	80	
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	90	

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