

# TEXEL GVG WOOD

## TECHNICAL DATASHEET

<b>Geovegetation (GVG) type</b>	Natural fiber erosion control mat
<b>Composition</b>	Wood fibers with polypropylene net
<b>Main function</b>	Protection

Property	Test method	ST-0.73 1F	HD-0.98 2F	HV-1.62 2F
<b>Physical</b>				
Fibers	-	Great Lakes Aspen Excelsior seed free		
Surface weight ( $\pm 10\%$ )	-	0.40 kg/m <sup>2</sup> (0.73 lbs/yd <sup>2</sup> )	0.53 kg/m <sup>2</sup> (0.98 lbs/yd <sup>2</sup> )	0.88 kg/m <sup>2</sup> (1.62 lbs/yd <sup>2</sup> )
Thickness	ASTM D6525	10.44 mm	11.68 mm	13.6 mm
Color <sup>(1)</sup>	-	Natural (beige)		
Number of photodegradable net <sup>(2)</sup>	-	1 net	2 nets	2 nets
Photodegradable net opening <sup>(2)</sup>	-	25.4 mm x 50.8 mm	25.4 mm x 50.8 mm	19.1 mm x 19.1 mm
Light penetration	ASTM D6567	45%	20% <sup>(3)</sup>	55%
Water Flow up to	-	2.1 m/sec	3.1 m/sec	3.4 m/sec
Light penetration	ASTM D6567	45%	20%	55%
Germination improvement	ECTC Méthode 4	572%	575%	616%
<b>Mechanical</b>				
Tensile Strength (MD X CD)	ASTM D6818	1.14 X 0.54 kN/m	2.04 X 0.88 kN/m	4.08 X 3.12 kN/m
Elongation (MD X CD)	ASTM D6818	20 X 14 %	36 X 29 %	23 X 24 %
Shear resistance	-	84 Pa	120 Pa	156 Pa
<b>Hydraulic</b>				
Water absorption	ASTM D1117/ECTC	253%	230%	194%
Max velocity	-	2.1 m/sec	3.1 m/sec	3.4 m/sec
<b>Dimensions</b>				
Width	-	2.44 m		
Length	-	Variable		

This technical information comes from the manufacturer and was transcribed by Texel. All values are Typical

1 - Green color (Quickgrass) also available on request.

2 - Biodegradable net also available on request.

3 - ASTM D6567

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