



# TECHNICAL DATA SHEET

## TEXEL GVG WOOD 100% BIO

<b>Product</b>	Natural fibers erosion control mat
<b>Composition</b>	Wood fibers with jute net
<b>Main Function</b>	Protection

Property	Test Method	ST-0.73 2F BIO	HD-0.98 2F BIO	HV-1.62 2F BIO
<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	7.95 mm	5.74 mm	9.58 mm
Number of biodegradable net	-	2 nets		
Photodegradable net opening	-	12.7 mm x 25.4 mm		
Light penetration	ASTM D6567	27.6%	18.2%	7.8%
Germination improvement	ASTM D7322	715%	975%	742%
<b>Mechanical</b>				
Tensile Strength (MD x CD)	ASTM D6818	93.84 kN/m x 2.14 kN/m	3.68 kN/m x 1.79 kN/m	3.40 kN/m x 2.61 kN/m
Elongation (MD x CD)	ASTM D6818	9% x 11.8%	8.4% x 13.8%	8.1% x 12.6%
Shear resistance	-	108 Pa	120 Pa	156 Pa
<b>Hydraulic</b>				
Water absorption	ASTM D1117/ECTC	267%	268%	244%
Max velocity	-	2.7 m/sec	3.1 m/sec	3.4 m/sec
<b>Dimensions</b>				
Width	-	2.44 m		
Length	-	30.9 m	27.4 m	15.2 m

This technical information comes from the manufacturer and was transcribed by Texel. All values are Typical. The values listed are values obtained at the time of manufacture. Handling and storage conditions may change some properties.

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