

# TEXEL GVG COCO WOVEN

## TECHNICAL DATASHEET

<b>Geovegetation (GVG) type</b>	Woven erosion control mat
<b>Composition</b>	Coir fibers
<b>Main function</b>	Protection

Property	Test method	COCO WOVEN 400	COCO WOVEN 700	COCO WOVEN 900	COCO WOVEN D-70
<b>Physical</b>					
Material	-	High resistance coir fibers mat			
Surface weight (min)	ASTM D6525	400 g/m <sup>2</sup>	700 g/m <sup>2</sup>	900 g/m <sup>2</sup>	780 g/m <sup>2</sup>
Thickness	ASTM D5199	8.9 mm	8.9 mm	8.9 mm	9 mm
Color	-	Natural (earth tone)			
% opening	-	65%	50%	39%	48%
<b>Mechanical</b>					
Wide width tensile strength dry (MD x CD)	ASTM D4595	7.4 X 7.0 kN/m	22.1 X 15.1 kN/m	28.8 X 20.7 kN/m	25.4 X 17.2 kN/m
Max elongation dry (MD x CD)	ASTM D4595	33% x 31%	40% x 33%	46% x 34%	-
Wide width tensile strength wet (MD x CD)	ASTM D4595	6.7 x 5.3 kN/m	13.5 x 10.0 kN/m	18.4 x 11.2 kN/m	21.7 x 15.1 kN/m
Max elongation wet (MD x CD)	ASTM D4595	36% x 31%	40% x 33%	46% x 34%	38% x 25%
Flexural resistance (MD x CD)	ASTM D1388	4.1 x 3.9 mg-cm	12.9 x 8.1 mg-cm	14.0 x 9.3 mg-cm	-
Max shear resistance	-	22.1 kPa	31.0 kPa	41.4 kPa	-
<b>Hydraulic</b>					
Max velocity	-	2.4 m/sec	3.7 m/sec	4.9 m/sec	3.7 m/sec
Water absorption	ASTM D1117	163%	146%	132%	-
<b>Dimensions</b>					
Width	-	2.0 m			
Length	-	50 m			

This technical information comes from the manufacturer and was transcribed by Texel.  
Properties are based on typical values.

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