

# Belton Industries, Inc.

Geocoir®/DeKoWe®

Metric

	Test Method	Typical Values										
Properties		400			700				900			2307
Width (m)		2.0	4.0	1.0	2.0	3.0	4.0	1.0	2.0	3.0	4.0	0.20
Length (m)		50										
Weight/Roll (kg)		40	80	35	70	105	140	45	90	135	180	9.3
Area/Roll (m <sup>2</sup> )		100	200	50	100	150	200	50	100	150	200	10.0
Yarn		ANJENGO; wheel spun, well cleaned, evenly spun and uniformly twisted; scorges range from 12 to 20.										
Material		100% Spun Coir										
Weight/Unit Area (g/m <sup>2</sup> )	ASTM-3776C	400			700				900			186 g/m
Open Area (%)		65			50				39			24
Wide Width Tensile, Dry (kN/m) Warp x Fill	ASTM D 4595-86	8.9 x 5.4			19.6 x 9.5				27.8 x 9.3			0.73 x NA
Wide Width Tensile, Wet (kN/m) Warp x Fill	ASTM D 4595	6.6 x 4.2			15.1 x 7.2				21.4 x 6.8			0.58 x NA
Elongation at Failure, Dry (%) Warp x Fill	ASTM D 4595	35 x 30			51 x 36				68 x 32			56 x NA
Elongation at Failure, Wet (%) Warp x Fill	ASTM D 4595	47 x 44			64 x 48				82 x 49			84 x NA
Maximum Shear Stress (N/m <sup>2</sup> )		148.43			213.55				221.69			NA
Chezy-Manning's Coefficient of Roughness*		0.0254			0.0294				0.0334			NA
"C" Factor, 1.5:1 slope		NA			0.003				0.002			NA
Water Flow Velocity (m/sec)		2.4			3.0				4.6			NA

The foregoing is believed to be an accurate representation of information compiled from our in house testing lab and external testing laboratories. However, because test values, statistical data and other information presented may be based solely on results of unverified tests made on random samples, information presented may relate only to tested samples and because the conditions in which such information may be used are beyond the control of Belton Industries, Inc., Belton does not guarantee either the accuracy or reliability of the information or the suggestions and recommendations contained herein. Belton assumes no responsibility of the use of information presented herein and hereby disclaims all liabilities which may arise in connection with the use of information herein presented. All specifications, properties, values, statistical data and application listed herein are provided as information only, with out charge or obligation to the recipient or user, and in no way either makes or creates any warranty with respect to any product or modifies, amends or enlarges any warranty made with respect to any product. Final determination of the suitability, reliability and accuracy of the information and suggested uses is the sole responsibility of the user.