



TECHNICAL DATA SHEET

IVI Coir 900

Standard Roll Size - 6.5' x 165' (2m x 50m)

This is to certify that IVI Coir will meet or exceed the following typical values when tested in accordance with the proper ASTM method or as observed values.

PRODUCT TEST DATA		
Physical Property	Test Method	Typical Value
Material		Woven Matting of Coir Yarn High Strength Retted Coconut Fiber
Color		Natural / Earth Tone
Thickness	ASTM D-5199	.35 inches
Mass Per Unit Area (min)	ASTM D-5261	26.5 oz./sy
Wide Width Tensile - Dry MD x CD	ASTM D-4595	1968 x 1416 lbs/ft
Wide Width Tensile - Wet MD x CD	ASTM D-4595	1260 x 768 lbs/ft
Maximum Elongation - Dry MD x CD	ASTM D-4595	46% x 34%
Maximum Elongation - Wet MD x CD	ASTM D-4595	43% x 36%
Flexural Rigidity - Stiffness MD x CD	ASTM D-1388 mg-cm	14019 x 9329 mg-cm
Slope (recommended)	Observed	> 1:1
Shear Stress (recommended)	Flume Tests	5.0 psf
Water Velocity (recommended)	Flume Tests	16 ft/sec
Water Absorption	ASTM D-1117	132%
"C" Factor		.003
Open Area	Measured	39%
Test results represent Minimum Average Roll Values (MARV) with the exception of weight which is a typical result.		

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