

# Indian Valley Industries, Inc.

## Technical Data Sheet

IVI Coir 900

Standard Roll Size - 13.1' x 83' (4m x 25m) and 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.**

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

Test results represent Minimum Average Roll Values (MARV) with the exception of weight which is a typical result.

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