Indian Valley Industries, Inc.

Technical Data Sheet

IVI Coir 700

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.

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	20.6 oz./sy
Wide Width Tensile - Dry MD x CD	ASTM D-4595	1512 x 1032 lbs/ft
Wide Width Tensile - Wet MD x CD	ASTM D-4595	924 x 684 lbs/ft
Maximum Elongation - Dry MD x CD	ASTM D-4595	40% x 33%
Maximum Elongation - Wet MD x CD	ASTM D-4595	69% x 34%
Flexural Rigidity - Stiffness MD x CD	ASTM D-1388 mg-cm	12896 x 8132 mg-cm
Slope (recommended)	Observed	> 1:1
Shear Stress (recommended)	Flume Tests	4.5 psf
Water Velocity (recommended)	Flume Tests	12 ft/sec
Water Absorption	ASTM D-1117	146%
“C” Factor		.002
Open Area	Measured	50%

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

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. Except when agreed to in writing for specific conditions of use, no warranty or guarantee expressed or implied is made regarding the performance of any product, since the manner of use and handling are beyond our control. Nothing contained herein is to be construed as permission or as a recommendation to infringe any patent.

P.O. Box 810 Johnson City, NY 13790

Phone: (607) 729-5111 (800) 659-5111 Fax: (607) 729-5158

www.iviindustries.com