



## TECHNICAL DATA SHEET

### IVI Coir 700

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
<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	20.6 oz./sy
<b>Wide Width Tensile - Dry MD x CD</b>	ASTM D-4595	1512 x 1032 lbs/ft
<b>Wide Width Tensile - Wet MD x CD</b>	ASTM D-4595	924 x 684 lbs/ft
<b>Maximum Elongation - Dry MD x CD</b>	ASTM D-4595	40% x 33%
<b>Maximum Elongation - Wet MD x CD</b>	ASTM D-4595	69% x 34%
<b>Flexural Rigidity - Stiffness MD x CD</b>	ASTM D-1388 mg-cm	12896 x 8132 mg-cm
<b>Slope (recommended)</b>	Observed	> 1:1
<b>Shear Stress (recommended)</b>	Flume Tests	4.5 psf
<b>Water Velocity (recommended)</b>	Flume Tests	12 ft/sec
<b>Water Absorption</b>	ASTM D-1117	146%
<b>"C" Factor</b>		.002
<b>Open Area</b>	Measured	50%
Test results represent Minimum Average Roll Values (MARV) with the exception of weight which is a typical result.		

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