



TECHNICAL DATA SHEET

IVI Coir 400

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	11.8 oz./sy
Wide Width Tensile - Dry MD x CD	ASTM D-4595	504 x 480 lbs/ft
Wide Width Tensile - Wet MD x CD	ASTM D-4595	456 x 360 lbs/ft
Maximum Elongation - Dry MD x CD	ASTM D-4595	33% x 31%
Maximum Elongation - Wet MD x CD	ASTM D-4595	36% x 31%
Flexural Rigidity - Stiffness MD x CD	ASTM D-1388 mg-cm	4070 x 3923 mg-cm
Slope (recommended)	Observed	< 1:1
Shear Stress (recommended)	Flume Tests	3.2 psf
Water Velocity (recommended)	Flume Tests	8 ft/sec
Water Absorption	ASTM D-1117	163%
"C" Factor		.002
Open Area	Measured	65%
Test results represent Minimum Average Roll Values (MARV) with the exception of weight which is a typical result.		

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