



ESI Resource Services LLC
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Chris A. Marr CPESC #2211

DATE: 12-29-14

Certificate of Compliance

JUTE



As a manufacture representative of “Jute, we certify that the material to be supplied will meet or exceed the following Physical specifications.

Physical Property:	Test Method:	Typical Roll Value:
Fabric Structure:	Woven Jute Fiber Yarn: Jute, un-dyed and unbleached	
Yarn Count Warp/Fill:		78/42 (average)
Fabric Weight:		.92lbs./sq./yd. ± 10%
Grab Tensile Strength Dry:	ASTM D4632	300 x 175 lbs./ft.
Grab Tensile Strength Wet:	ASTM D4632	125 x 65 lbs./ft.
Max. Elongation:	ASTM D4632	10% x 10%.
Open Area:		65%
Flow Velocity:	University Channel Test	8 fps
Permissible Shear Stress:		.45 lb./sq. ft.

Used as an erosion control blanket on moderate slopes.

Roll size: 4' x 225'

The jute stated above recommended staple usage: Approximately 200 staples per 100 sq./yd.

We at ESI Resource Services LLC look forward for future business with your company.

Chris A. Marr Aff.M.ASCE CPESC #2211
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