



Technical Specifications for

Nedia BioJute™ 500

100% biodegradable geotextile made of tightly woven jute yarn typically used as a separator fabric for temporary haul roads or as erosion control in channels.

Property	Test Method	Typical Value	
		English Units	Metric Units
Grab Tensile Strength (MD x CD)	ASTM D4632	161.4 x 128.6 lbs	718 x 572 N
Elongation at Break (MD x CD)	ASTM D4632	4% x 4%	
Wide-Width Strip Tensile (MD x CD)	ASTM D4595	1272 x 1020 lbs/ft	18.6 x 14.9 kN/m
Elongation at Peak (MD x CD)	ASTM D4595	72% x 9.4%	
Puncture Resistance	ASTM D4833	90.6 lbs	403.2 N
Trapezoidal Tear Strength (MD x CD)	ASTM D4533	134 x 103 lbs	597 x 458 N
Mullen Burst Strength	ASTM D3786	268.5 lbs/sq.in	1851 kPa
Permittivity	ASTM D4491	2.39/sec	
Permeability	ASTM D4491	0.11 in/sec	0.29 cm/sec
Flow Rate	ASTM D4491	179 gal/min/sq.ft	7.3 cu.m/min/sq.m
Apparent Opening Size	ASTM D4751	18 US Std. Sieve	

Standard Roll Sizes: 12.5' x 300' (3.81m x 91.44m) – 416 sy/roll
12.5' x 150' (3.81m x 45.72m) – 208 sy/roll



www.nedia.com



info@nedia.com