

This is to certify that the **BioD-Mat™90** woven coir blankets are woven from machine twisted coir twines made of bristle coir (the best quality coir) obtained from freshwater cured coconut husks. **BioD-Mat™90** blankets last 4 to 6 yrs and are manufactured to conform to the following physical properties:

Property	Test Method	BioD-Mat™90
1. Weight	ASTM D 3776	29 oz/SY (980 g/m ²)
2. Wide width tensile strength	ASTM D 4595	
Wet		
Machine direction		1776 lbs/ft (148 lbs/in, 26 kN/m)
Cross direction		936 lbs/ft (78 lbs/in, 13.7 kN/m)
Dry		
Machine direction		2024 lbs/ft (168 lbs/in, 29.6 kN/m)
Cross direction		1160 lbs/ft (97 lbs/in, 17 kN/m)
3. Elongation at failure	ASTM D 4595	
Wet (%)		
Machine direction		52%
Cross direction		24%
4. Open area (%)	Calculated	38%
5. Thickness (inch)	ASTM D 1777	0.35 inch (9 mm)
6. Recommended shear stress		5 lbs./sq.ft. (240 N/sq.m)
7. Recommended flow		16 fps (4.9 m/s)
8. Recommend slope		> 1:1
9. "C" factor		0.002
10. Available roll sizes		3.28' x 83' (1m x 25m) 6.5' x 166' (2m x 50m) 9.8' x 166' (3m x 50m) 13' x 83' (4m x 25m)