

# MATERIAL PROPERTY DATA SHEET

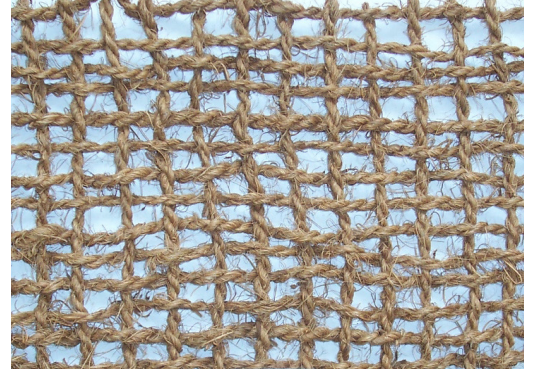


## Coir Mat 700

Long Term • Coconut Net • Biodegradable •  
Erosion Control Blanket

### DESCRIPTION

The coir fiber blankets are made from hand from the highest quality coir available on the market. The coir fiber is twisted into a high strength rope and then woven into the matting. Coir mats are made from 100% natural and biodegradable coir to be used to hold seed and soil during the establishment of a vegetative cover.



Material Content	
Yarn	Wheel spun, weed cleaned, evenly spun and uniformly twisted

Netting Weight (700 g/ sm)

Standard Roll Sizes			
Width	6.6 ft (2 m)	13.1 ft (4 m)	
Length ± 10%	164 ft (50 m)	164 ft (50 m)	
Weight ± 10%*	154 lbs (70 kg)	308.5 lbs (140 kg)	
Area	120 SY (100 sm)	240 SY (200 sm)	

Index Property	Test Method	Typical	
Thickness	ASTM D6525	0.35 in.	(9 mm)
Mass/Unit Area	ASTM D3776	23 oz/sy	(700 g/ sm)
Open Area		50%	
Tensile Strength – MD	ASTM D4595	1575 lbs/ft	(23 kN/m)
Elongation – MD	ASTM D4595	50%	
Tensile Strength – TD	ASTM D4595	925 lbs/ft	(13.5 kN/m)
Elongation – TD	ASTM D4595	36%	
Recommended Flow Velocity		10 ft/s	3.0 m/s
C Factor, 1.5:1 Slope		0.003	
Life Expectancy		36 Months	

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