



## GENERAL DESCRIPTION

GardMat LT is a 100% coconut fiber matrix stitched together with biodegradable thread between biodegradable natural fiber top and bottom netting.

## BASIC USE

GardMat LT is designed to provide heavy duty wind and water surface erosion protection and assist with vegetation establishment for 18-24 months when installed over Hydrotech's LiteTop® growing media as part of Hydrotech's Garden Roof Assembly®. GardMat LT is typically used for plugs and/or potted plant vegetation sowing. Biodegradable GardMat Stakes are used to fasten GardMat to growing media surface.

## ADVANTAGES

- Heavy Duty – used with plugs and or potted vegetation
- Can be used for slopes up to 1:1 (45°; 100%) maximum
- Good for up to 24 months where excellent vegetation coverage is needed before mat degradation

## TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	RESULT
WIDTH (feet)		6.67 ± 5%
LENGTH (feet)		108.0 ± 5%
THICKNESS (inches)	ASTM D5199 / ECTC <sup>1</sup>	0.26
WEIGHT (oz/sqyd)	ASTM D5261	8.83
TENSILE STRENGTH (MD <sup>2</sup> - lb/ft)	ASTM D5035	342
TENSILE STRENGTH (TD <sup>3</sup> - lb/ft)	ASTM D5035	211
ELONGATION (MD - %)	ASTM D5035	7.6
ELONGATION (TD - %)	ASTM D5035	11.1
WATER ABSORPTION (%)	ASTM D1117 / ECTC	155
RESILIENCY (%)	ECTC	85
STIFFNESS / FLEXIBILITY (oz-in)	ASTM D1388 / ECTC	0.11
SMOLDER RESISTANCE	ECTC	YES <sup>4</sup>

1. (ECTC) Erosion Control Technology Council
2. MD = Machine Direction
3. TD = Transverse Direction
4. Material is smolder resistant according to ECTC Guidelines