



PYRAMAT® High Performance Turf Reinforcement Mat (HPTRM) is a three-dimensional, lofty, woven polypropylene geotextile. The patented material is specially engineered for superior erosion control on steep slopes and vegetated waterways. PYRAMAT® delivers the highest specification requirements for erosion protection of slopes, banks, and channels.

WOVEN PRODUCT LINE CARD¹

	Property	Test Method	Value≥	Unit	Pyramat® 25	Pyramat® 50	Pyramat® 75
Physical	Mass/Unit Area	ASTM D 6566	MARV	oz/yd ² g/m ²	7.5 254	8.3 281	13.5 458
	Thickness	ASTM D 6525	MARV	in mm	0.25 6.35	0.30 7.62	0.40 10.16
	Light Penetration	ASTM D 6567	MARV	% Passing	35%	25%	10%
	Colour	Visual	-	-	Green or Tan	Green or Tan	Green or Tan
Mechanical	Grab Tensile Strength	ASTM D 6818	MARV	lb/ft Kn/m	2,000 x 1,800 3.3 x 2.6	3,200 x 3,000 5.8 x 404	4,000 x 3,000 29.2 x 26.3
	Grab Elongation	ASTM D 6818	MARV	%	20 x 20	30 x 30	40 x 35
	Resiliency	ASTM D 6524	MARV	%	70%	70%	80%
	Flexibility	ASTM D 6575	MARV	in - lb mg - cm	0.195 225,000	0.195 225,000	0.534 616,154
Endurance	UV Resistance	ASTM D 4355	MARV	% Retained @ 1000 hours	90%	-	-
				% Retained @ 3000 hours	90%	90%	90%
				% Retained @ 6000 hours	-	90%	90%
Performance	Velocity (Vegetated)	Large Scale	MARV	ft/sec m/sec	20 6.1	22 6.7	25 7.6
	Shear Stress (Vegetated)	Large Scale	MARV	lb/ft ² Pa	12 575	14 670	16 766
	Manning's "n" (Unvegetated)	Calculated	MARV	N/A	0.028	0.028	0.028
	Seedling Emergence	ASTM D 7322	Typical	%	255%	-	296%
	Roll Sizes	Measured	Typical		8.5 ft x 120 ft 15.0 x 120 ft		

NOTES

1. The property values listed above are effective 02/08/2017 and are subject to change without notice.

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