



- Applications**
- Erosion Control
  - Embankments
  - Slopes
  - River Banks
  - Coastal Areas
  - Channels

## TerraMat® PP5-10™

Polyfabrics offer full line of Rolled Erosion Control Products (RECPs). PP5-10 Turf Reinforcement Mat is composed of 100% synthetic components. A matrix of green polypropylene fibers is mechanically (stitch) bound between two UV stabilized, heavy duty synthetic nets. Stitching is secured on two inch centers using UV stabilized, heavy duty polypropylene thread. PP5-10 is a permanent, three-dimensional TRM that provides immediate erosion protection and long term turf reinforcement and is intended for slope or channel applications requiring erosion protection for greater than thirty-six months.

Typical manufactured properties and product characteristics are provided in table below

TerraMat® PP5-10™ Specifications		
Tested Property	Test Method	Value
Tensile Strength (MD) x (TD)	ASTM D6818	25.0 lb/in (4.4 kN/m) x 18.0 lb/in (3.2 kN/m)
Elongation (MD) x (TD)	ASTM D6818	25 % x 35 %
Mass Per Unit Area	ASTM D6566	10.0 oz/yd <sup>2</sup> (339 g/m <sup>2</sup> )
Thickness	ASTM D6525	0.36 in (9 mm)
Light Penetration	ASTM D6567	25 % open
Water Absorption	ASTM D1117	N/A %
Resiliency	ASTM D 6524	87 %
Porosity	Computed	96 %
UV Stability	ASTM D 4355	80% (1000 hr) %
Netting		
Top Net Type	Synthetic, UV Stable	
Bottom Net Type	Synthetic, UV Stable	
Top Net Opening Dimensions	0.7 in (17 mm) x 0.7 in (17 mm)	
Bottom Net Opening Dimensions	0.7 in (17 mm) x 0.7 in (17 mm)	