



## ***Specifications***

### ***Terrafix 270R - Geotextile***

**Function: Filtration & Drainage.**

Terrafix 270R is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. Terrafix 270R resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2-13.

Types of applications for 270R are: Subdrains, French Drains, Foundation Drains, Trench Drains, Blanket Drains.

270R provides good lateral drainage and is suitable for a wide spectrum of soil permeabilities.

<b>Property</b>	<b>ASTM Test Method</b>	<b>Value Metric Units</b>
<b>Typical Geotextile Properties</b>		
• Weight (Typical)	D 5261	108 g / m <sup>2</sup> (4.0 oz/sqyd)
• Grab Tensile Strength	D 4632	445 N
• Grab Elongation	D 6432	50-105%
• Tear Resistance	D 4533	200 N
• Puncture CBR	D 6241	1320 N
• Permittivity	D 4491	2.20 sec <sup>-1</sup>
• Water Flow	D 4491	6095 l/min/m <sup>2</sup>
• Apparent Opening Size	D 4751	0.300 mm
• U.V. Stability	D 4355	70% @ 500hrs