

## ***Specifications***

### ***Terrafix 420R - Geotextile***

**Function: Filtration & Drainage.**

Terrafix 420R is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. Terrafix 420R 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 420R are: Subdrains, French Drains, Foundation Drains, Trench Drains, Blanket Drains.

420R used in weaker soil conditions. Used in conjunction with coarser drainage materials.

<b>Property</b>	<b>ASTM Test Method</b>	<b>Value Metric Units</b>
<b>Typical Geotextile Properties</b>		
• Weight (Typical)	D 5261	270 g / m <sup>2</sup> (8 oz/sqyd)
• Grab Tensile Strength	D 4632	800 N
• Grab Elongation	D 4632	50%
• Puncture CBR	D 6241	2380 N
• Permittivity	D 4491	1.4 sec <sup>-1</sup>
• Water Flow	D 4491	4480 l/min/m <sup>2</sup>
• Apparent Opening Size	D 4751	0.212 mm
• U.V. Stability	D 4355	70% @ 500hrs