

FOUNDATION Geotextiles

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Technical Data Sheet

FG40

Foundation FG40 is a woven geotextile fabric composed of polypropylene monofilament yarn. This product is manufactured for filtration applications and to resist degradation due to ultraviolet and biological exposure. It is inert to most common soil chemicals, alkalis, and acids. NTPEP certified.

<i>Property</i>	<i>Test Procedure</i>	UNIT	MARV
Grab Tensile Strength	ASTM D-4632	Lbs (kN)	365 X 200 (1.62 x 0.89)
Grab Elongation	ASTM D-4632	percent	24 X 10
Trapezoid Tear	ASTM D-4533	Lbs (kN)	115 X 75 (.51 x .33)
CBR Puncture	ASTM D-6241	Lbs (kN)	675 (3)
Permittivity	ASTM D-4491	sec ⁻¹	2.1
AOS	ASTM D-4751	US Sieve (mm)	40 (.425)
Water Flow	ASTM D-4491	gpm/ft ² (l/m/m ²)	145 (5907)
UV Resistance (500 hrs)	ASTM D-4355	% Strength Retained	90

PACKAGING	
Roll Dimension (Width X Length)	12.5' x 300'
Square Yards Per Roll	417
Estimated Roll Weight	169 lbs

MARV: Minimum average roll value

Note: Minimum average roll values represent a 97.5% confidence level, calculated as the mean minus two standard deviations.

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