

# FOUNDATION Geotextiles

256 Paper Lane, Clarkesville, GA 30523, Tel 706/839-6632, fax 706/839-6634, [Sales@foundationgt.com](mailto:Sales@foundationgt.com)

## Technical Data Sheet

### FG70

Foundation FG70 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)	370 X 250 (1.65 x 1.11)
Grab Elongation	ASTM D-4632	percent	15 X 15
Trapezoid Tear	ASTM D-4533	Lbs (kN)	100 X 60 (0.45 x 0.27)
CBR Puncture	ASTM D-6241	Lbs (kN)	950 (4.23)
Permittivity	ASTM D-4491	sec <sup>-1</sup>	0.28
AOS	ASTM D-4751	US Sieve (mm)	70 (0.212)
Water Flow	ASTM D-4491	gpm/ft <sup>2</sup> (Lpm/m <sup>2</sup> )	18 (733)
UV Resistance (500 hrs)	ASTM D-4355	% Strength Maintained	90

PACKAGING	
Roll Dimension (Width X Length)	12.0 x 300
Square Yards Per Roll	400
Estimated Roll Weight	169

MARV: Minimum average roll value

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

This information is provided for reference purposes only and is not intended as a warranty or guarantee. FG404 assumes no liability in connection with the use of this information.