

FOUNDATION Geotextiles

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Technical Data Sheet

FG58

Foundation's FG58 is composed of high-tenacity (PP) yarns, which are woven into a network in such a manner that the yarns retain their relative position to each other for the high demands required for Filtration and Dewatering applications. The fabric can be produced in light colors for marine applications. FG58 is inert to biological degradation and resistant to most naturally encountered chemicals, alkalis, and acids. The design has 4' extra strong side selvages with an 8" middle selvage seam that allows it to be cut in half.

<i>Property</i>	<i>Test Procedure</i>	<i>UNIT</i>	<i>MARV</i>
Wide Width Strength MD X CMD	ASTM D-4595	lbs/in (kN/m)	450 X 775 (79 X 136)
Grab Elongation	ASTM D-4595	Percentage	20 X 10
Flow Rate	ASTM D-4491	Gal/min/ft ² (l/m/m ²)	18 (732)
Puncture	ASTM D-6241	lbs (N)	2800 (12)
Apparent Opening Size (AOS)	ASTM D-4751	US Sieve (mm)	40 (.300)
UV Resistance (@ 1200 hrs)	ASTM D-4355	% Strength Retained	70

*Machine Direction (MD)

**Cross Machine Direction (CMD)

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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