

## GeoFilter GW70E Product Data

Geostar nonwoven filter fabrics are proudly made in the USA and are composed of 100% polypropylene staple fibers that are needle-punched and formed into a random network for dimensional stability. They resist UV deterioration, rotting, biological degradation, and naturally encountered basics and acids.

Property	Unit	Test Method	GeoFilter GW70E
Weight	(oz/yd <sup>2</sup> ) / (g/m <sup>2</sup> )	ASTM D5261	5.6 / 190
Grab Tensile	lbs / kN	ASTM D4632	370 x 250 / 1.65 x 1.11
Grab Elongation	%	ASTM D4632	16 x 15
Trapezoid Tear	lbs / kN	ASTM D4533	100 x 60 / 0.445 x 0.267
CBR Puncture Resistance	lbs / kN	ASTM D6241	950 / 4.28
Permittivity*	sec <sup>-1</sup>	ASTM D4491	0.28
Water Flow*	(gpm/ft <sup>2</sup> ) / (l/min/m <sup>2</sup> )	ASTM D4491	18 / 733
A.O.S.*	U.S. Sieve / mm	ASTM D4751	70 / 0.212
U.V. Resistance	%/hrs	ASTM D4355	90/500
Asphalt Retention	gal /yd <sup>2</sup>	-	-
Melting Point	°F (°C)	-	-

\* At the time of manufacturing. Handling, storage, and shipping may change these properties.

### AASHTO

M288 Survivability Class	2
M288 Application2	E, SP, D

### Packaging

Roll Dimensions (FT)	12 x 300
Square Yards/Roll	400
Estimated Roll Weight	150

Updated as of January 2024

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