

## GeoFilter GN40 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 GN40
Weight	(oz/yd <sup>2</sup> ) / (g/m <sup>2</sup> )	ASTM D5261	4.0 / 136
Grab Tensile	lbs / kN	ASTM D4632	100 / 0.445
Grab Elongation	%	ASTM D4632	50
Trapezoid Tear	lbs / kN	ASTM D4533	45 / 0.200
CBR Puncture Resistance	lbs / kN	ASTM D6241	300 / 1.334
Permittivity*	sec <sup>-1</sup>	ASTM D4491	2.00
Water Flow*	(gpm/ft <sup>2</sup> ) / (l/min/m <sup>2</sup> )	ASTM D4491	140 / 5689
A.O.S.*	U.S. Sieve / mm	ASTM D4751	70 / 0.212
U.V. Resistance	%/hrs	ASTM D4355	70/500
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

-

M288 Application2

S/F

### Packaging

Roll Dimensions (FT)

12.5 x 360  
15 x 360

Square Yards/Roll

500/600

Estimated Roll Weight

146/172

Updated as of January 2024

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