

GeoFilter GW63 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 GW63
Weight	(oz/yd ²) / (g/m ²)	ASTM D5261	6.3 / 214
Grab Tensile	lbs / kN	ASTM D4632	315 / 1.4
Grab Elongation	%	ASTM D4632	15
Trapezoid Tear	lbs / kN	ASTM D4533	120 / 0.533
CBR Puncture Resistance	lbs / kN	ASTM D6241	1000 / 4.45
Permittivity*	sec ⁻¹	ASTM D4491	0.05
Water Flow*	(gpm/ft ²) / (l/min/m ²)	ASTM D4491	4 / 1631
A.O.S.*	U.S. Sieve / mm	ASTM D4751	40 / 0.425
U.V. Resistance	%/hrs	ASTM D4355	70/500
Asphalt Retention	gal /yd ²	-	-
Melting Point	°F (°C)	-	-

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

AASHTO

M288 Survivability Class	1
M288 Application2	ST, SP

Packaging

Roll Dimensions (FT)	12.5 x 432 15 x 360 17.5 x 309
Square Yards/Roll	500/600
Estimated Roll Weight	210/250

Updated as of January 2024

Disclaimer: This Product Data Sheet is the sole and exclusive property of Geostar Technologies LLC ("Geostar"). The Product Data Sheet shall not be reproduced, disseminated, or otherwise used in any way, except in connection with the purchase of Geostar HP Products (including, but not limited to the HP product line), without the express written consent of Geostar. Geostar assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. Geostar disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.