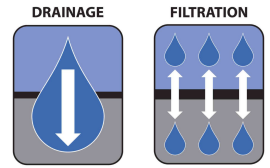




# DuPont SF 49

## Spunbond Nonwoven Geotextile



DuPont SF 49 is a nonwoven, spunbonded, continuous filament, polypropylene geotextile offering the consistent quality expected of spunbond geotextiles. DuPont SF 49 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. DuPont SF 49 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	<a href="#">ASTM D-5261</a>	4.7 oz/y <sup>2</sup>	159.33 g/m <sup>2</sup>
Grab Tensile Strength	<a href="#">ASTM D-4632</a>	187 lbs	830 N
Elongation @ Break	<a href="#">ASTM D-4632</a>	50 %	50 %
Mullen Burst <sup>(3)</sup>	<a href="#">ASTM D-3786</a>	190 psi	1,310 kPa
Pin Puncture <sup>(3)</sup>	<a href="#">ASTM D-4833</a>	58 lbs	260 N
CBR Puncture	<a href="#">ASTM D-6241</a>	369 lbs	1,642 N
Trapezoidal Tear	<a href="#">ASTM D-4533</a>	57 lbs	254 N
Apparent Opening Size <sup>(1,2)</sup>	<a href="#">ASTM D-4751</a>	100 US Sieve	0.149 mm
Permittivity <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	0.3 Sec <sup>-1</sup>	0.3 Sec <sup>-1</sup>
Permeability <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	0.02 cm/sec	0.02 cm/sec
Water Flow Rate <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	29 g/min/f <sup>2</sup>	1,182 L/min/m <sup>2</sup>
UV Resistance @ 500 Hours	<a href="#">ASTM D-4355</a>	80 %	80 %

<sup>(1)</sup> At the time of manufacturing. Handling, storage, and shipping may change these properties.

<sup>(2)</sup> Maximum average roll value (MaxARV).

<sup>(3)</sup> Historical reference values. These properties are no longer recognized by ASTM or AASHTO for geosynthetics.

## DuPont SF 49 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA
17' x 300'	10"	17'	211 lbs	566.67 y <sup>2</sup>

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