



Erosion Protection



Filtration



Separation

## ADS 111F WOVEN GEOTEXTILE SPECIFICATION

### Scope

This specification describes ADS 111F woven geotextile.

### Filter Fabric Requirements

ADS 111F is manufactured using high-tenacity monofilament polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. ADS 111F resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. ADS 111F conforms to the physical property values listed below:

### Filter Fabric Properties

Property	Test Method	Unit	M.A.R.V. (Minimum Average Roll Value)
Tensile Strength (Grab)	ASTM D4632	lbs (N)	370 x 200 (1647 x 890)
Elongation	ASTM D4632	%	15
Puncture	ASTM D4833	lbs (N)	90 (401)
Mullen Burst	ASTM D3786	psi (kPa)	450 (3100)
Trapezoidal Tear	ASTM D4533	lbs (N)	115 x 75 (512 x 334)
UV Resistance (at 500 hours)	ASTM D4355	%	90
Apparent Opening Size (AOS)*	ASTM D4751	U.S. Std. Sieve (mm)	40 (.425)
Percent Open Area (POA)	COE-02215	%	10
Permittivity	ASTM D4491	sec <sup>-1</sup>	2.1
Water Flow Rate	ASTM D4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	145 (5907)

\* Maximum average roll value

### Packaging

Roll Dimensions (W x L) - ft. (m)	6/12 x 300 (1.83/3.65 x 91.5)
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