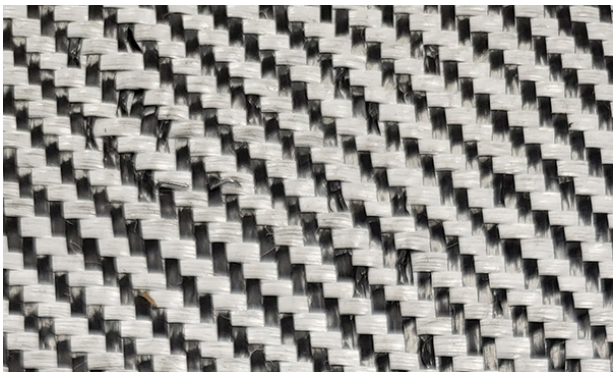
CULTEC AFAB-HPF Woven Geotextile

CULTEC AFAB-HPF Woven Geotextile is designed to provide an economical solution to prevent scouring at inlets and beneath the CULTEC internal manifold feature. It may also be utilized below the chambers of the CULTEC Separator Row as a barrier to prevent soil/ contaminate intrusion and allow maintenance of the water quality system.



Produced from first quality raw materials, this geotextile provides the perfect balance of strength and separation in styles capable of functioning exceptionally well in a wide range of performance requirements. Unless indicated below, all listed properties are Minimum Average Roll Values:

Properties	ASTM Test Method	Test Results
Appearance		Black & White
Grab Tensile Strength	D 4632	320 lbs 1.42 kN
Grab Tensile Elongation	D 4632	15%
Wide Width Tensile	D 4595	52 kN/m
Wide Width Elongation	D 4595	15%
CBR Puncture Resistance	D 6241	1500 lbs 6.67 kN
Trapezoidal Tear Strength	D 4533	120 lbs 0.54 kN
Apparent Opening Size*	D 4751	30 US Sieve 0.60 mm
Permittivity*	D 4491	0.2 Sec-1
Flow Rate	D 4491	22 gpm/sf 900 l/min/sm
UV Resistance @ 500 Hours	D 4355	70%

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

CULTEC AFAB-HPF Woven Geotextile Specifications

GENERAL

CULTEC AFAB-HPF Woven Geotextile is designed as a underlayment to prevent scouring caused by water movement within the CULTEC chambers and feed connectors utilizing the CULTEC manifold feature. It may also be used as a component of the CULTEC Separator Row to act as a barrier to prevent soil/contaminant intrusion into the stone while allowing for maintenance.

GEOTEXTILE PARAMETERS

1. The geotextile shall be provided by CULTEC of Brookfield, CT. (203-775-4416 or 1-800-428-5832)
2. The geotextile shall be black and white in appearance.
3. The geotextile shall have a grab tensile strength of 320 lbs (1.42 kN) per ASTM D4632 testing method.
4. The geotextile shall have a grab tensile elongation of 15% per ASTM D4632 testing method.
5. The geotextile shall have a wide width tensile resistance of 52 kN/m per ASTM D4595 testing method.
6. The geotextile shall have a CBR puncture resistance of 1500 lbs (6.67 kN) per ASTM D6241 testing method.
7. The geotextile shall have a trapezoidal tear resistance of 120 lbs (0.54 kN) per ASTM D4533 testing method.
8. The geotextile shall have an apparent opening size of 30 US Std. Sieve (0.60 mm) per ASTM D4751 testing method.
9. The geotextile shall have a permittivity rating of 0.2 sec^{-1} per ASTM D4491 testing method.
10. The geotextile shall have a flow rating of 22 gpm/ft^2 (900 lpm/m^2) per ASTM D4491 testing method.
11. The geotextile shall have a UV resistance of 70% @ 500 hrs. per ASTM D4355 testing method.