



ENVIRONMENTAL

CONSTRUCTION SOLUTIONS

SPECIFICATION FOR ECS SILT FENCE POLYPROPYLENE WOVEN GEOTEXTILE WITH ATTACHED STAKES AND WIRE BACKING

Property	Test Method	Results
Fabric		
Tensile Strength at 20% Elongation	VTM-52	55 LBS/Linear Inch
Trapezoidal Tear	ASTM D-4533	45 lbs
CBR Puncture Strength	ASTM D-4833	195 lbs
Apparent Opening Size	ASTM D-4751	0.6 mm
UV Radiation Stability	ASTM G-26	95%
Flow Rate	ASTM 5141	0.5 Gal/SF/Min
Filtering Efficiency	ASTM 5141	98%
Stakes		
Spacing on Center		6, 8, or 10 feet
Height		48 inches
Actual Stake Width		1.5 inches
Number of Stakes		17, 13, or 11
Roll Length		100 feet
Wire Backing		
Height		32 inches
Wire Spacing		6 in x 6 in
Top/Bottom Wires		11 gauge
Vertical/Horizontal Filler Wires		14 gauge
Hinge Joint Construction		2.5 wrap minimum
Zinc Coating		Class 1
Roll Length		100 feet

