



Alabama DOT Type A Silt Fence

Alabama DOT Type A Silt Fence is assembled using GGS 3.5N fabric 45" x 330'. Attach it to 939-14.5ga Wire 39" x 330'. This combination is then held in the ground with 5' Metal T-Posts on 10 foot centers. GGS 3.5 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GGS 3.5N resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GGS 3.5N meets or exceeds the physical property values listed below:

Property	Test Method	Unit	M.A.R.V
Weight (typical)	ASTM D 5261	oz/sy	3.5
Grab Tensile	ASTM D 4632	lbs	90
Grab Elongation	ASTM D 4632	%	50
Trapezoidal Tear	ASTM D 4533	lbs	40
Puncture	ASTM D 4833	lbs	60
Mullen Burst	ASTM D 3786	psi	185
Permittivity	ASTM D 4491	1/sec	2.2
Water Flow	ASTM D 4491	gpm/sf	150
AOS	ASTM D 4751	US Std Sieve	50
UV Resistance	ASTM D 4355	%/hours	70/500hrs