



GGG 77G Silt Fence Fabric

SF 77 is a woven geotextile made of 100% polypropylene tape fibers which are woven into a stable network such that the yarns retain their relative position. SF 77 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. SF 77 meets or exceeds the physical property values listed below:

Property	Test Method	Unit	M.A.R.V
Mass/Unit	ASTM D 5261	oz/sq yd	2.4
Grab Tensile	ASTM D 4632	lbs	106/112
Elongation	ASTM D 4632	%	30 x 32
Trapezoidal Tear	ASTM D 4533	lbs	75
Puncture	ASTM D 4833	lbs	57
Mullen Burst	ASTM D 3786	psi	251
Permittivity	ASTM D 4491	sec -1	0.1
Water Flow	ASTM D 4491	gpm/sf	15
AOS	ASTM D 4751	US Std Sieve	20-50
UV Resistance	ASTM D 4355	%/hours	80/500hrs