



Product Data Sheet

Silt Fence (GSM77)

Geo Products GSM77 Silt Fence 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. GeoProducts GSM77 resists ultraviolet deterioration and biological degradation and is inert to most naturally encountered soil chemicals, alkalis, and acids. GeoProducts GSM77 meets the following M.A.R.V. values except where noted:

Properties	Test Method	Unit	GSM-77
Tensile Strength (Grab)	ASTM D4632	lbs	100 x 100
Elongation (Grab)	ASTM D4632	%	15 x 15
Trapezoidal Tear Strength	ASTM D4533	lbs	50 x 50
CBR Puncture	ASTM D6241	lbs	250
Mullen Burst	ASTM D3786	psi	-
Index Puncture	ASTM D4833	lbs	-
UV Resistance (500 hrs)	ASTM D4355	%	70
Apparent Opening Size	ASTM D4751	US Std. Sieve	30
Permittivity	ASTM D4491	sec-1	0.01
Water Flow Rate	ASTM D4491	gpm/ft2	8
Filtering Efficiency	VTM-51/ ASTM D5141	%	75
Flow Rate	VTM-51/ ASTM D5141	gpm/ft2	.03
Roll Sizes: 24"x100' w/ stakes 36"x100' w/stakes	-	-	-
Material Color Orange and Black	-	-	-

*Maximum average roll value

Exclusion of Liability

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