



## Product Data Sheet

### Wire Back Silt Fence (GSM100)

Geo Products GSM100 Wire Back Silt Fence is a woven geotextile made of 100% polypropylene tape fibers and wire mesh is 14 gauge with 2"x4" openings. Standard wire back silt fence comes with 1½"x1½"x42" oak stakes that are placed 6' apart, but can be made with various sized stakes and other wire reinforcement.

GeoProducts GSM100 resists ultraviolet deterioration and biological degradation and is inert to most naturally encountered soil chemicals, alkalis, and acids. GeoProducts GSM100 Wire Back Silt Fence meets the following M.A.R.V. values except where noted:

Properties	Test Method	Unit	MARV English Average (Metric)	AASHTO M-288
Tensile Strength (Grab)	ASTM D4632	lbs	187lbs (832n)	80-180lbs (400n)
Elongation (Grab)	ASTM D4632	%	28%	<50%
Trapezoidal Tear Strength	ASTM D4533	lbs	70lbs (315n)	25-70lbs
CBR Puncture	ASTM D6241	lbs	75lbs	
Mullen Burst	ASTM D3786	psi	320 psi	200-220 psi
Index Puncture	ASTM D4833	lbs	-	
UV Resistance (500 hrs)	ASTM D4355	%	70	
Apparent Opening Size	ASTM D4751	US Std. Sieve	45	.60mm max
Permittivity	ASTM D4491	sec-1	0.165	
Water Flow Rate	ASTM D4491	gpm/ft2	10.51	
Filtering Efficiency	VTM-51/ ASTM D5141	%	-	
Flow Rate	VTM-51/ ASTM D5141	gpm/ft2	.-	
Available in 24", 36", 42", and 48" widths	-	-	-	
Material Color Orange and Black	-	-	-	

\*Maximum average roll value

#### Exclusion of Liability

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