



## 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/<br>ASTM D5141 | %             | -                             |                  |
| Flow Rate                                  | VTM-51/<br>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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