



Midwest Construction Products GFNW-4 is manufactured from Polypropylene staple fiber. The fibers are randomly oriented and form a cohesive / stabilized needle punched fabric for use in many applications, such as stabilization, filtration, permanent erosion control, etc. This fabric has been UV stabilized and is resistant to commonly encountered chemicals, mildew and insects found in soil.

| Property                | Test Procedure | Metric |                    | English |                     |
|-------------------------|----------------|--------|--------------------|---------|---------------------|
|                         |                | MARV   |                    | MARV    |                     |
| Grab Tensile Strength   | ASTM D-4632    | 467    | N                  | 105     | lbs                 |
| Grab Elongation         | ASTM D-4632    | 50     | %                  | 50      | %                   |
| Trapezoid Tear          | ASTM D-4533    | 200    | N                  | 45      | lbs                 |
| CBR Puncture            | ASTM D-6241    | 1335   | N                  | 300     | lbs                 |
| UV Stability (500 hrs). | ASTM D-4355    | 70     | %                  | 70      | %                   |
| Permittivity            | ASTM D-4491    | 2.0    | sec <sup>-1</sup>  | 2.0     | sec <sup>-1</sup>   |
| Water Flow Rate         | ASTM D-4491    | 5908   | lpm/m <sup>2</sup> | 145     | gpm/ft <sup>2</sup> |
| A.O.S.                  | ASTM D-4751    | 0.212  | mm                 | 70      | U.S. Sieve          |

| Property  | Test Procedure | Metric  |                  | English |                    |
|-----------|----------------|---------|------------------|---------|--------------------|
|           |                | Typical |                  | Typical |                    |
| Weight    | ASTM D-5261    | 136     | g/m <sup>2</sup> | 4.0     | oz/yd <sup>2</sup> |
| Thickness | ASTM D-5199    | 1.397   | mm               | 55      | mils               |

| Packaging  | Metric             |       |        | English             |       |        |
|------------|--------------------|-------|--------|---------------------|-------|--------|
|            | Area               | Width | Length | Area                | Width | Length |
| Roll Sizes | 418 m <sup>2</sup> | 3.81m | 109.7m | 500 yd <sup>2</sup> | 12.5' | 360'   |
|            | 501 m <sup>2</sup> | 4.57m | 109.7m | 600 yd <sup>2</sup> | 15'   | 360'   |

**NOTES:**

- Mullen Burst ASTM D3786 removed. Not recognized by ASTM D35 on Geosynthetics.
- Puncture ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. Midwest Construction Products assumes no liability in connection with the use of this information.

Call for more information: (800) 532-2381  
www.gabionbaskets.net | www.midwestconstruct.com

