



# Midwest Construction Products

## GFNW4.5

**Midwest Construction Products GFNW4.5** is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. **GeoForce Non Woven 4.5** resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. **GFNW4.5** conforms to the physical values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
<b>Weight (Typical)</b>	ASTM D5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	4.5 (153)
<b>Grab Tensile</b>	ASTM D4632	lbs (kN)	120 (.533)
<b>Grab Elongation</b>	ASTM D4632	%	50
<b>Trapezoid Tear Strength</b>	ASTM D4533	lbs (kN)	50 (.222)
<b>Puncture Resistance</b>	ASTM D4833	lbs (kN)	70 (.311)
<b>Mullen Burst</b>	ASTM D3786	psi (kPa)	240 (1654)
<b>Permittivity*</b>	ASTM D4491	sec <sup>-1</sup>	1.8
<b>Water Flow*</b>	ASTM D4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	120 (4885)
<b>A.O.S.*</b>	ASTM D4751	U.S. Sieve (mm)	70 (.212)
<b>U.V. Resistance</b>	ASTM D4355	%/hrs	70/500

\*At the time of manufacturing. Handling, storage, and shipping may change these properties.

PACKAGING	
<b>Roll Dimension (W x L) - Ft</b>	12.5/15 x 360
<b>Square Yards per Roll</b>	500/600
<b>Estimated Roll Weight - lbs</b>	146/172

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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.

For further information please call 800-532-2381

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