



**GATOR FABRIC GF 4.4 NON-WOVEN GEOTEXTILE  
FOR PAVER INSTALLATIONS AND RETAINING WALLS, DRAINAGE AND FILTRATION**

TDS Revision Date (dd/mm/yyyy): 04/02/2022

## TECHNICAL DATA SHEET

- Update:** February 4, 2022  
Make sure you have an updated data sheet on hand.  
Canada and U.S. dial 1-855-847-7767 or (450) 624-1611
- Description:** **GATOR FABRIC GF 4.4 (100 lbf)** is a needle punched non-woven geotextile made of polypropylene fibers. **GATOR FABRIC GF 4.4 (100 lbf)** geotextile is ideal for drainage, filtration and will allow water flow of 135 gallons per minutes per square foot in a paver or retaining wall applications. Its filament fibers are used for soil separation and drainage. They combine high durability along with excellent physical and hydraulic properties. It is non-biodegradable and resistant to most soil chemicals.
- Features:**
- Specially treated to be hydrophilic, it allows high-water flow (135 Gal/min/sq. ft. (613 l/min/sq. m.))
  - Drainage and filtration
  - Soil separation
  - Erosion control
  - UV-Resistance
  - Inert to soil chemicals (Alkalis, Acids)
  - Inert to biological degradation
  - Easy to handle
  - High strength/dimensionally stable
- Uses:**
- Drainage control
  - Protection against erosion
  - Behind retaining walls
  - Paver sub base foundation
  - [Gator Base](#) foundation application
  - General landscape
  - Soil separation
- Roll sizes:**
- 3' X 100'
  - 4' X 100'
  - 12' X 400'
  - 6' X 100'
  - 6' X 300'

**Typical Properties:**

Properties	Test method (ASTM)	Units	Results	
			Machine Direction (MD)	Cross Direction (CD)
Weight per surface (typical)	D5261	oz/yd <sup>2</sup> (gsm)	4.4 (150)	
Grab Tensile Strength	D4632	lbf (N)	120 (535)	120 (535)
Grab Tensile Elongation	D4632	%	80	75
Permittivity	D4491	Sec <sup>-1</sup>	1.5	
Flow Rate	D4491	Gal/min/ft <sup>2</sup> (l/min/m <sup>2</sup> )	135 (5307)	
UV Resistance	D4355	% strength retained	> 70	



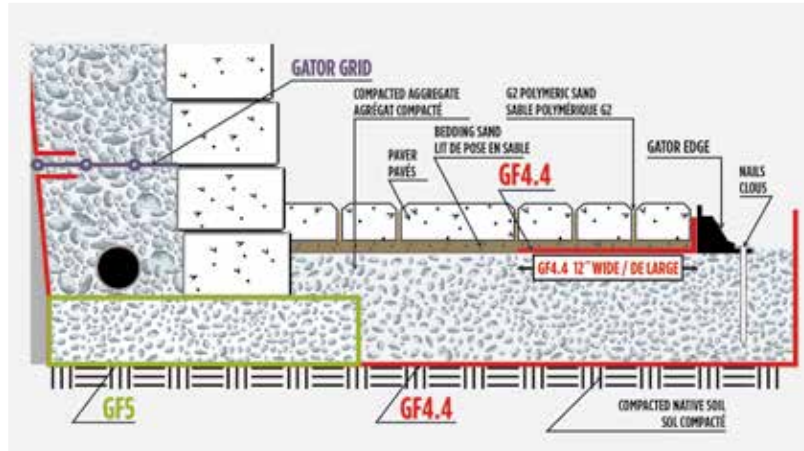
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**Installation instructions:**

Method of installation of **GATOR FABRIC GF 4.4 NON-WOVEN (100 lbf)** for drainage and soil separation:

TYPICAL GRAVITY WALL SECTION AND PAVER



**PLEASE NOTE**

- When excavation has been completed, leveled and compacted, lay the **GATOR FABRIC GF 4.4 NON-WOVEN** covering bottom and sides of the excavated area.
- Ensure the **GATOR FABRIC GF 4.4 NON-WOVEN** is stretched to avoid any folds.
- Always overlap the seams of geotextile by a minimum 12" (30 cm).



- 1a-b Excavate the soil in the location of the project according to best practices.
- 2a-b With a rake, even out, level and compact the soil to a tolerance of 3/8" (10 mm).
- 3a-b Apply **GATOR FABRIC GF 4.4 NON-WOVEN** to the entire foundation and sides. Overlap seams by 12" (30 cm) of the hardscape installation and trim to size.
- 4a-b Spread, level and compact your aggregate or bedding material when installing **Gator Base** and complete with your selected pavement.



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**Packaging:**

Size of the roll	Lbs / Roll	Packaging
3' X 100'	11	4 boxes x 6 = 24 rolls / pal
4' X 100'	15	4 boxes x 6 = 24 rolls / pal
6' X 100'	24	30 rolls / pal
6' X 300'	54	16 rolls / pal
12' X 400'	158	3 rolls / pal

**Disclaimer for GF 4.4:**

Information regarding the physical properties, performance and permitted use of Alliance Designer Products Inc.'s Gator Fabric products is, to the best of our knowledge, reliable. However, Alliance Designer Products Inc. assumes no liability for the accuracy or completeness of this information or for its ultimate use. As Alliance Designer Products Inc. has no control over methods of use and field conditions, Alliance Designer Products Inc. disclaims all warranties, expressed or implied, including, without limitation, the warranties of merchantability and/or fitness for a particular purpose and as to quality. The final determination as to the appropriateness or suitability of any Gator Fabric product in any particular application rests with the end user and is the end user's sole responsibility. This document should not be construed as engineering advice.



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