



GATOR GRID GG 30-30 BIAXIAL NO MEMORY (2052 lbf/ft)
BIAXIAL GATOR GRID FOR: STAIRCASE, PATIO, LANDING AREA, RETAINING WALL AND MORE
TDS Revision Date (dd/mm/yyyy): 28/04/2025

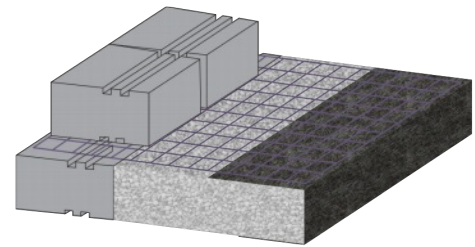
TECHNICAL DATA SHEET

Update: April 28, 2025
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 Grid GG 30-30 (2052 lbf/ft)**, a biaxial geogrid, provides strength, longevity, excellent stress transfer and prevents failure to the internal structure of your staircases, patios, landing areas and medium height retaining walls. As a biaxial geogrid, **GATOR GRID GG 30-30** has a high molecular weight as well as high-tenacity polyester yarns which are woven in tension and finished with a PVC coating.

Features:

- Biaxial: can be installed in both directions
- Pliable, stay 100% flat when unrolled
- Ageing resistant
- High tensile strength
- Adds strength, stability and longevity
- Helps reduce stress and load transfer to the structure
- Soil separation for added stability
- UV-Resistance
- Easily combined with gravel and soil



Uses:

- Staircase internal structure
- Raised patio internal structure
- Retaining wall structure
- Soil stability
- Erosion control
- General landscape
- Subgrade stabilization
- General landscape
- Medium height retaining wall system

Roll sizes:

- 4' X 50'
- 6' X 50'
- 6' X 150'
- 12' X 150'



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Typical Properties:

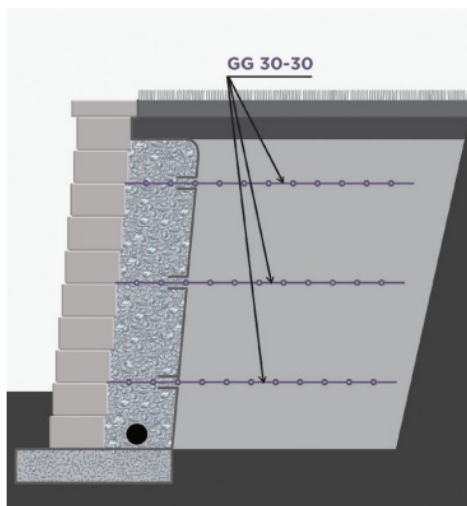
| Properties | Test method (ASTM) | Units | Results | |
|--------------------------------|--------------------|---------------------|------------------------|----------------------|
| | | | Machine Direction (MD) | Cross Direction (CD) |
| Tensile Strength (at ultimate) | D6637 | Lbf/ft (kN/m) | 2052 (30) | 2052 (30) |
| Elongation | D6637 | % | >15% | >15% |
| Tension at 2% Elongation | D6637 | Lbf/ft (kN/m) | 445 (6.5) | 445 (6.5) |
| Tension at 5% Elongation | D6637 | Lbf/ft (kN/m) | 752 (11) | 752 (11) |
| UV Resistance | D4355 | % strength retained | 70 | |
| Aperture size | | (mm) | 27 X 37 | |

| Reduction Factors & Long-Term Design Strength (LTDS) | | |
|--|-------------------------|---------|
| RFCR | 120 yrs life, 40°C temp | 1.52 |
| RFD | pH = 4 to 9 | 1.1 |
| RFDI | Sand/Silt/Clay | 1.1 |
| | <38 mm Gravel | 1.15 |
| LTDS (Sand/Silt/Clay); pH = 4-9 | | 16 kN/m |
| LTDS (Gravel<38 mm); pH=4-9 | | 16 kN/m |

Installations instructions:

Method of application of GATOR GRID GG 30-30 Biaxial NO Memory (2052 lbf/ft) soil stabilization for added stability:

Anchor and stretch GATOR GRID GG 30-30 BIAxIAL before installing the next layer of aggregate and block.



**This drawing is issued for information only. Do not use for construction.
 Do not measure from this drawing.**



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BIAXIAL GATOR GRID FOR: STAIRCASE, PATIO, LANDING AREA, RETAINING WALL AND MORE
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Packaging:

| Size of the roll | Lbs / Roll | Packaging |
|------------------|--------------------|-----------|
| 4' X 50' | 11.5 LBS / 5.2 KG | 15 / BOX |
| 6' X 50' | 17 LBS / 7.7 KG | 42 / PAL |
| 6' X 150' | 42.5 LBS / 19.3 KG | 30 / PAL |
| 12 X 150' | 90.5 LBS / 41 KG | 6 / BNDL |

Disclaimer for Gator Grid GG 30-30 Biaxial NO Memory:

The soil composition may vary from location to location. Global stability of the soil has not been considered. It is the owner's responsibility to take into consideration the soil parameters indicated on the label and to ensure that the soil's properties meet construction standards. A soil analysis must be done before starting any wall project. Before the construction of your segmental wall and before using any type of Gator Grid and establishing the placement, consult a qualified local engineer and obtain a stamped plan. To ensure the structural integrity of your segmental retaining wall, follow manufacturer instructions and installation steps for the construction of your wall. These placement tables are not to be used on multi-tiered walls or in areas with excess water runoff, seepage or springs, unless first otherwise confirmed by a qualified local engineer. Additional Gator Grid than what appears on the label may be required in your application. This document should not be construed as engineering advice. We assume no liability of any kind if the instructions in the present disclaimer are not followed or if the owner's use of the product is different than the one for which it is intended.



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

TDS Revision Date (dd/mm/yyyy): 21/08/2025

TECHNICAL DATA SHEET

Update: August 21, 2025
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 Gal/min/ft², 5307 (l/min/m²) 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. (5307 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 ² (gsm) | 4.4 (150) | |
| Grab Tensile Strength | D4632 | lbf (N) | 120 (535) | 120 (535) |
| Grab Tensile Elongation | D4632 | % | 80 | 75 |
| Permittivity | D4491 | Sec ⁻¹ | 1.5 | |
| Flow Rate | D4491 | Gal/min/ft ² (l/min/m ²) | 135 (5307) | |
| UV Resistance | D4355 | % strength retained | > 70 | |



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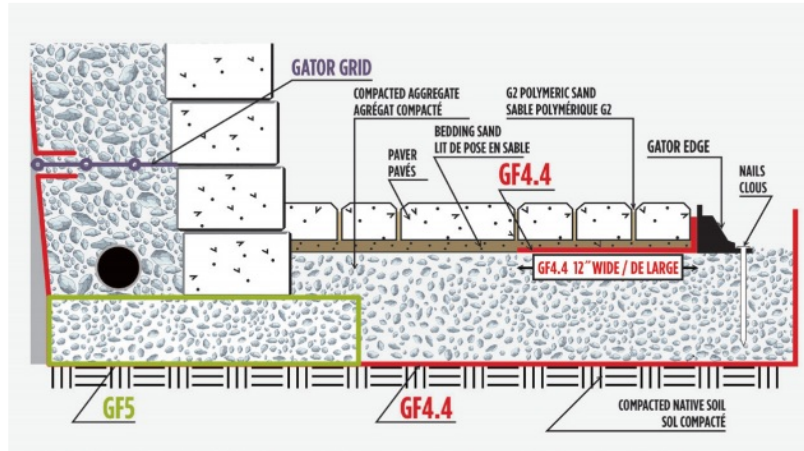
GATOR FABRIC GF 4.4 NON-WOVEN GEOTEXTILE FOR PAVER INSTALLATIONS AND RETAINING WALLS, DRAINAGE AND FILTRATION

TDS Revision Date (dd/mm/yyyy): 21/08/2025

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** 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 C-33 sand or ASTM No.9 stone when installing [Gator Base](#) and complete with your selected pavement.



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

TDS Revision Date (dd/mm/yyyy): 21/08/2025

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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**GATOR FABRIC GF5****WOVEN GATOR FABRIC GF5 PROVIDES STABILITY AND SEPARATION OF SUBGRADE IN PAVER OR WALL FOUNDATIONS**

TDS Revision Date (dd/mm/yyyy): 28/04/2025

TECHNICAL DATA SHEET

Update:

April 28, 2025

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 GF5 (200 Lbf) is a woven geotextile made from polypropylene yarns, forming a stable and durable network. It provides separation for good subgrades by preventing mixing of subgrade soils. A woven geotextile can achieve higher tensile strength at low elongation, known as high modulus. It is inert to biological degradation and resistant to naturally occurring chemicals, alkali and acid.

Features:

- Reinforcement
- Soil separation
- High tensile strength
- High load capacity
- Extra resistant to punctures and tears
- Cost-effective reinforcement solution
- Reduces extra excavation and backfill
- Easy to install on worksites
- Improves long-term performance
- UV-Resistance
- Inert to soil chemicals (Alkalis, Acids) and to biological degradation

Uses:

- Driveways, pathways, sidewalks and retaining toe walls
- Permeable foundation applications
- Poor soil foundation reinforcement, (clay soils)
- Leveling pad retaining wall foundation
- Soil stabilization
- Soil separation
- Ground cover

Roll sizes:

- 4' X 100'
- 6.25' X 100'
- 6.25' X 300'
- 12.5' X 432'



GATOR FABRIC GF5
WOVEN GATOR FABRIC GF5 PROVIDES STABILITY AND SEPARATION OF SUBGRADE
IN PAVER OR WALL FOUNDATIONS

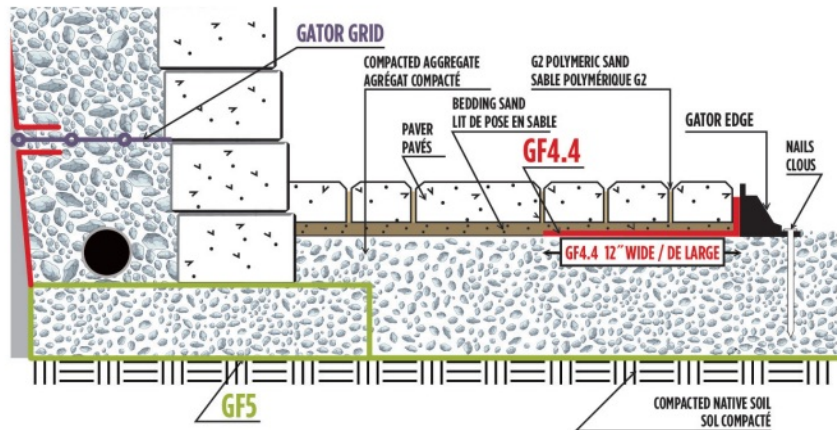
TDS Revision Date (dd/mm/yyyy): 28/04/2025

Typical Properties:

| Properties | Test method (ASTM) | Units | Results | |
|------------------------------|--------------------|---|------------------------|----------------------|
| | | | Machine Direction (MD) | Cross Direction (CD) |
| Weight per surface (typical) | D5261 | oz/yd ² (gsm) | 4.0 (136) | |
| Grab Tensile Strength | D4632 | lbf (N) | 200 (890) | 200 (890) |
| Grab Tensile Elongation | D4632 | % | 15 | 15 |
| Permittivity | D4491 | Sec ⁻¹ | 0.05 | |
| Flow Rate | D4491 | Gal/min/ft ² (l/min/m ²) | 5 (203) | |
| UV Resistance | D4355 | % strength retained | > 70 | |

Installation instructions:

Method of installation of **GATOR FABRIC GF5 WOVEN (200 Lbf)** for stability and soil separation:





**GATOR FABRIC GF5
WOVEN GATOR FABRIC GF5 PROVIDES STABILITY AND SEPARATION OF SUBGRADE
IN PAVER OR WALL FOUNDATIONS**

TDS Revision Date (dd/mm/yyyy): 28/04/2025

Installation instructions: (CONT.)



- 1 Excavate, level and pre-compact area.
- 2 Level foundation for a stable base.
- 3 Using **GATOR FABRIC GF5** Woven Geotextile will ensure:
 - Reinforcement
 - Soil separation
 - High tensile strength
 - High load capacity

For a perfect paver installation every time.

Packaging:

| Size of the roll | Lbs / Roll | Per pallet |
|------------------|------------|------------------------------------|
| 4' X 100' | 12 | 4 boxes x 9 rolls = 36 rolls / pal |
| 6.25' X 100' | 19 | 30 rolls / pal |
| 6.25' X 300' | 57 | 20 rolls / pal |
| 12.5' X 432' | 164 | 4 rolls / pal |

Disclaimer for GF5:

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