



**GATOR GRID GG 50-50 BIAxIAL NO MEMORY (3420 lbf/ft)**  
**BIAxIAL GATOR GRID FOR: LARGE & MUTI-LEVEL ENGINEERED WALLS & MORE**  
TDS Revision Date (dd/mm/yyyy): 12/02/2020

## TECHNICAL DATA SHEET

- Update:** February 12, 2020  
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 50-50 Biaxial NO Memory (3420 lbf/ft)** is a High Tenacity Polyester yarn combined to on-line coating with Oil mixed PVC on the Geogrid. **Gator Grid GG 50-50**, a biaxial geogrid, provides strength, longevity, excellent stress transfer and prevents failure to the internal structure of your large & muti-level engineered retaining walls and steep slopes. As a biaxial geogrid, **GATOR GRID GG 50-50** has a high molecular weight as well as high-tenacity polyester yarns. Once unrolled on the ground, this Geogrid without memory remains flat once unrolled.
- Features:**
- UV-Resistance
  - Ageing resistance
  - High tensile strength
  - Easily combined with gravel and soil
  - No Memory
- Benefits:**
- Biaxial: can be installed in both directions
  - Adds strength, stability and longevity
  - Helps reduce stress and load transfer to the structure
  - Soil separation for added stability
  - Remains flat once unrolled
- Uses:**
- Staircase internal structure
  - Erosion control
  - Sub-grade stabilization
  - General landscape
  - Large & muti-level engineered retaining walls
  - Steep slope
- Roll sizes:**
- 6' X 150'
  - 12' X 150'



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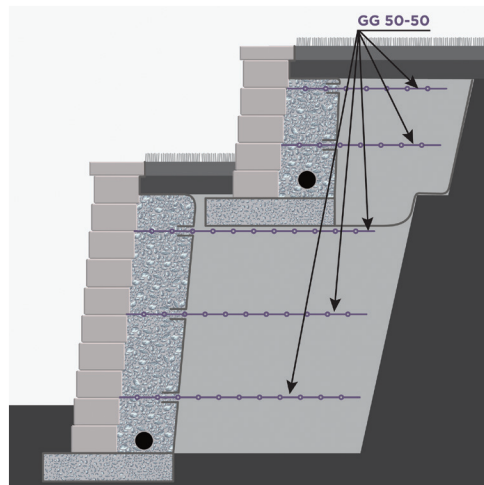
**Typical Properties:**

Properties	Test method (ASTM)	Units	Results	
			Machine Direction (MD)	Cross Direction (CD)
Tensile Strength (at ultimate)	D6637	Lbf/ft (KN/m)	3420 (50)	3 420 (50)
Elongation	D6637	%	>15%	>15%
Tension at 2% Elongation	D6637	Lbf/ft (KN/m)	633 (9.25)	633 (9.25)
Tension at 5% Elongation	D6637	Lbf/ft (KN/m)	1043 (15.25)	1043 (15.25)
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		27
LTDS (Gravel<38 mm); pH=4-9		26

**Application instructions:**

Method of application of of **GATOR GRID GG 50-50 Biaxial No memory (3420 lbf/ft)** soil stabilization for added stability:



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



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Size of the roll	Lbs / Roll	Packaging
6' X 150'	59.5 LBS / 27 KG	30 / PAL
12' X 150'	120 LBS / 54 KG	5 / PAL

**Disclaimer for Gator Grid GG 50-50:**

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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