



## CASASCAPES GF 4.4 NON-WOVEN GEOTEXTILE FOR PAVER INSTALLATIONS AND RETAINING WALLS, DRAINAGE AND FILTRATION

TDS Revision Date (dd/mm/yyyy): 25/05/2020

# TECHNICAL DATA SHEET

- Update:** May 25, 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:** **CASASCAPES GF 4.4 NON-WOVEN (100 lbf)** is a needle punched non-woven geotextile made of polypropylene fibers. **CASASCAPES GF 4.4 NON-WOVEN (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:**
- UV-Resistance
  - Inert to soil chemicals (Alkalis, Acids)
  - Inert to biological degradation
  - Easy to handle
- Benefits:**
- Allows high-water flow
  - Soil separation for added stability
  - High strength/dimensionally stable
- Uses:**
- Drainage control
  - Protection against erosion
  - Behind retaining walls
  - 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	



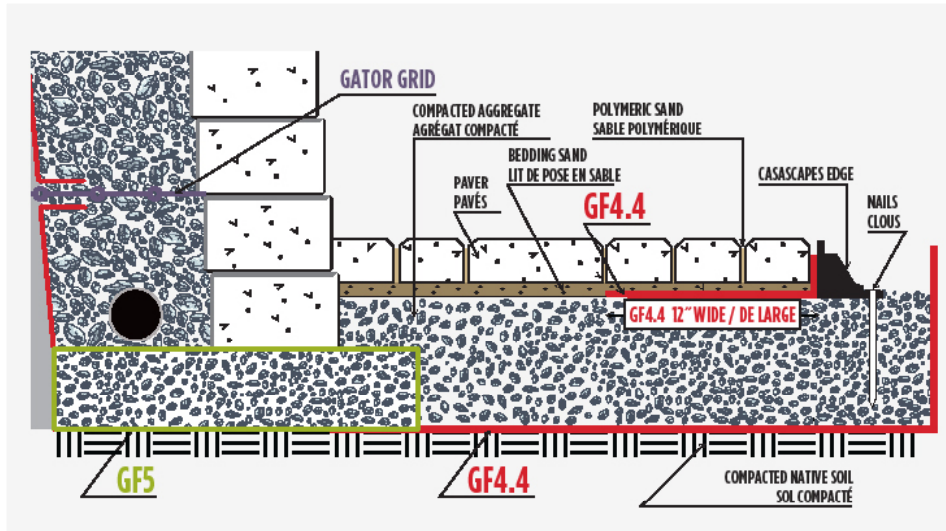
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**Application instructions:**

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

**TYPICAL GRAVITY WALL SECTION AND PAVER**



**Packaging:**

Size of the roll	Lbs / Roll	Packaging
3' X 100'	11	5 / BOX
4' X 100'	15	5 / BOX
6' X 100'	24	30 / PAL
6' X 300'	54	12 / PAL
12' X 400'	158	3 / BNDL

**Disclaimer for GF 4.4:**

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