



# GROUND COVER

## PURPOSE AND APPLICATION

- Weed control: reduce or eliminate use of pesticides
- Warm soil after winter months in preparation for planting
- Prevent soil erosion
- Allows water to pass through to plants
- Durable enough to last multiple seasons

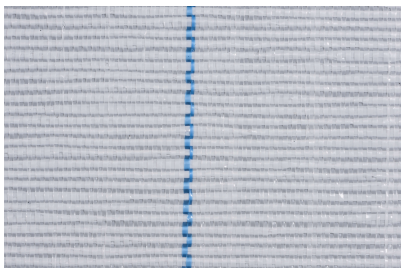


## FUNCTIONS AND MEASUREMENTS

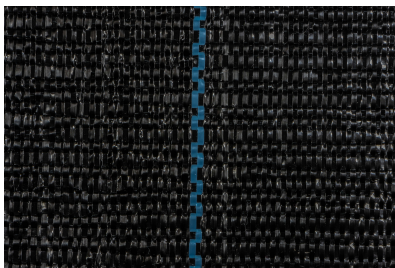
Considerations	Characteristics Applicable Specifications	Measurements
Warm soil for planting Prevent soil erosion during heavy rain	Weight	Ounces/Yard <sup>2</sup> (oz/yd <sup>2</sup> ) Grams/Meter <sup>2</sup> (gms/m <sup>2</sup> )
Prevent soil erosion during heavy rain	Fabric type: Polypropolene	100% Virgin Resin
Does not break apart when pulled and staked to the ground	Tensile Strength / Elongation	Pounds Force (lbf) %
Rocky Soil under fabric Heavy object may lay on or move fabric	Burst Strength	Pounds per Square Inch (PSI)
Insulate ground while reflecting light to plant	Color	White or Black on bottom White on top (Panda Color)
Water flows through material- don't need water lines under fabric	Water Permeability	liters/m <sup>2</sup> /second ft <sup>3</sup> /min/ft <sup>2</sup>
Prevent weed growth	Construction	# threads in warp and weft direction per inch or per 5 cm
Does not break apart when pulled and staked to the ground	Tensile Strength / Elongation	Pounds Force (lbf) %

## FORM AND FIT

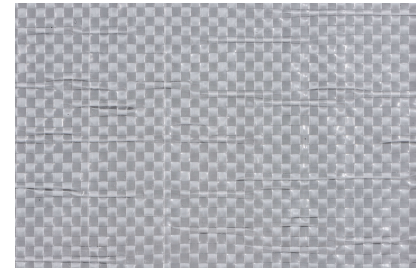
- Weight: most commonly: 2.6 to 3.2 ounces
- Width: Generally, 4' to 15' feet
- Length: Generally available in 100 YD rolls, 500 YD and longer may be available
- Colors: Black, White, and Panda
  - Spacing lines for planting: color of that line and distance from one line to the next



Ground Cover - White



Ground Cover - Black



Frost Protection

Sulfur and Nitric acid can cause premature breakdown of ground cover.