



Typical Physical Properties

Pro Guard

Pro Guard is a woven weed control fabric that is made up of polypropylene fibers. These fibers are woven to form a stable and durable network such that the fibers retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids and alkali with a pH range of 3 to 12. Pro Guard does not contain PVC. Pro Guard allows air and moisture to pass to the soil while suppressing weeds. Pro Guard is manufactured to meet or exceed the following typical roll values:

Typical Properties	Test Method	
Material		Polypropylene
Color		Black with green lines every 12"
Construction		22 x 10
Weight (Oz/Sq Yd)	ASTM D-3776	3.2
Tensile Strength (lbs)	ASTM D-4632	170 x 100
Burst (psi)	ASTM D-3786	305
Trapezoid Tear (lbs)	ASTM D-4533	75 x 65
Puncture (lbs)	ASTM D-4533	45
Water Permeability (gal/min/SF)	ASTM D-4491	15
Ultraviolet Exposure (% Strength Retained)	ASTM D-4355	>80% after 500 hrs Xenon Arc exposure
Thickness (mils)	ASTM D-1777	16

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