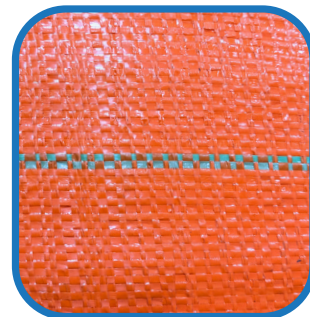
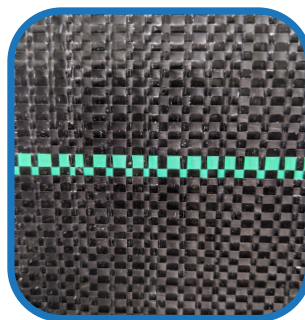




PATRIOT
GEOSYNTHETICS

IOWA DOT SILT FENCE

Iowa DOT Silt Fence is PATRIOT 140SFDT it is a woven geotextile with draw tape near the top. It is made up of high tenacity polypropylene yarns that are woven to form stable and durable structure, which allows the yarns to maintain their relative position. It is non-biodegradable and resistant to ultraviolet degradation, rotting, and most soil chemicals. PATRIOT 140SFDT is manufactured to meet or exceed the following minimum average roll values:



PATRIOT 140SFDT

PROPERTY	TEST METHOD	MINIMUM AVERAGE ROLL VALUE ENGLISH
Tensile Strength (Grab)	ASTM D4632	140 x 140 lbs
Elongation	ASTM D4632	15%
CBR Puncture	ASTM D6241	400 lbs
Trapezoidal Tear	ASTM D4533	65 x 65 lbs
UV Resistance (500 hrs)	ASTM D4355	70%
Apparent Opening Size (AOS)	ASTM D4751	30 US Std. Sieve
Permittivity ASTM	ASTM D4491	0.05 sec ⁻¹
Water Flow Rate	ASTM D4491	8 gpm/ft ²

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