



Technical Specifications

GEI Works 2197 is manufactured using high tenacity monofilament polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. **GEI Works 2197** resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals.

GEI 2197

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D-4632	370 x 200 lbs	1647 x 890 N
Elongation	ASTM D-4632	15%	15%
Puncture	ASTM D-4833	90 lbs	401 N
Mullen Burst	ASTM D-3786	450 psi	3100 kPa
Trapezoidal Tear	ASTM D-4533	115 x 75 lbs	512 x 334 N
UV Resistance (at 500 hrs)	ASTM D-4355	90%	90%
Apparent Opening Size (AOS)*	ASTM D-4751	40 US Std. Sieve	0.425 mm
Percent Open Area (POA)	COE-02215	10%	10%
Permittivity	ASTM D-4491	2.1 sec ⁻¹	2.1 sec ⁻¹
Water Flow Rate	ASTM D-4491	145 gpm/ft ²	5907 l/min/m ²
Roll Sizes		6' x 300' 12' x 300'	1.83 m x 91.5 m 3.65 m x 91.5 m

Unless otherwise noted, this certification is based on testing conducted by our Quality Assurance & Quality Control testing laboratories at the time of manufacturing. GEI Works issued this letter of certification to indicate our commitment to providing our customers with a quality product which will meet or exceed the minimum average roll values in accordance with the applicable American Society for Testing and Materials (ASTM) test method.