

# StrataGRS

## 4800

### Product Data

STRATAGRS™ 4800 is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position.

STRATAGRS 4800 resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV English	MARV Metric
Wide Width Tensile	ASTM D-4595	4800 x 4800 lbs/ft	70 x 70 kN/m
Wide Width Tensile (2% Strain)	ASTM D-4595	960 x 1320 lbs/ft	14 x 19.3 kN/m
Wide Width Tensile (5% Strain)	ASTM D-4595	2400 x 2700 lbs/ft	35 x 39.4 kN/m
Wide Width Tensile (10% Strain)	ASTM D-4595	4800 x ----- lbs/ft	70 x ----- kN/m
UV Resistance (500 hrs)	ASTM D-4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D-4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D-4491	.40 sec <sup>-1</sup>	.40 sec <sup>-1</sup>
Permeability	ASTM D-4491	.05 cm/sec	.05 cm/sec
Water Flow Rate	ASTM D-4491	30 gpm/ft <sup>2</sup>	1222 lpm/m <sup>2</sup>

\*Maximum Average Roll Valve

- Notes:**
- Mullen Burst ASTM D-3786 has been removed. It is not recognized by ASTM D-35 on Geosynthetics.
  - Puncture ASTM D-4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D-6241

PROPERTY	Typical English	Typical Metric
Roll Dimensions	15 x 300 ft	4.6 x 91.5 m
Roll Area	500 yd <sup>2</sup>	418 m <sup>2</sup>



# STRATA

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