

TE-W250 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. TE-W250 resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

TESTED PROPERTY	TEST METHOD	UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)
TYPICAL ROLL DIMENSIONS			
Grab Tensile	ASTM D 4632	lbs (N)	250 (1113)
Grab Elongation	ASTM D 4632	%	15
Trapezoidal Tear ⁽¹⁾	ASTM D 4533	lbs (N)	90 (400)
CBR Puncture Resistance ⁽¹⁾	ASTM D 6241	lbs (N)	750 (3338)
Permittivity* ⁽¹⁾	ASTM D 4491	1/sec	0.05
Water Flow* ⁽¹⁾	ASTM D 4491	gpm/ft ² (lpm/ft ²)	4 (163)
Apparent Opening Size (AOS)* ⁽²⁾	ASTM D 4751	US Sieve (mm)	40 (.425)
UV Resistance	ASTM D 4355	%/hrs	70/500
TYPICAL ROLL DIMENSIONS			
Roll Dimensions		ft	12.5 x 360 15 x 300 175 x 258
Roll Area		yd ²	500
Estimated Roll Weight		lbs	310

NOTES:

1. MARV = Minimum Average Roll Value.
2. Maximum average roll value as per ASTM D 4751.

Mullen Burst (ASTM D 3786) has been removed. It is not recognized by ASTM D 35 on Geosynthetics.

Puncture Strength (ASTM D 4833) has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture (ASTM D 6241).

***At the time of manufacturing. Handling may change these properties.**

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