



TENSAR TG-160 is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-160 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13. TENSAR TG-160 is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards.

TENSAR TG-160 meets the following M.A.R.V. values except where noted:

PROPERTY	TEST METHOD	ENGLISH (MARV ²)	METRIC (MARV ²)
Grab Tensile Strength	ASTM D 4632	160 lbs.	0.711 kN
Grab Elongation	ASTM D 4632	50%	50%
Trapezoid Tear Strength	ASTM D 4533	60 lbs.	0.267 kN
CBR Puncture Resistance	ASTM D 6241	410 lbs	1.823 kN
Permittivity ⁴	ASTM D 4491	1.5 sec ⁻¹	1.5 sec ⁻¹
Water Flow ⁴	ASTM D 4491	110 gpm/ft ²	4480 l/min/m ²
Apparent Opening Size (AOS) ^{3&4}	ASTM D 4751	70 Std. U.S. Sieve	0.212 mm
UV Resistance	ASTM D 4355	70%/500 hrs.	70%/500 hrs.

PACKAGING

Roll Dimensions (W x L)	15 x 300 ft.	4.6 m x 91.4 m
Area Per Roll	500 sq. yards	418.3 sq. meters
Estimated Roll Weight	195 lbs.	89 kg

NOTES:

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. Maximum Average Roll Value (MaxARV)
4. At time of manufacturing. Handling may change these properties.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. TENSAR assumes no liability in connection with the use of this information.