



(AASHTO Products)
SYNTHETIC
NON-WOVEN
NEEDLE PUNCHED
TECHNICAL DATA SHEET



“GEO SOURCE” AASHTO product is a Non-Woven Needle Punched Geo Textile made from 100% Synthetic Staple Fiber, which are formed into a random network for dimensional stability.

Non-Woven Needle Punched Geo-Textile meet the below parameters as per ASTM Standards.

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PROPERTY	TEST METHOD	UNIT	AASHTO (Class I)	AASHTO (Class II)	AASHTO (Class III)
Grab Tensile Strength	ASTM D 4632	lbs	202	157	112
Grab Elongation	ASTM D 4632	%	50%	50%	50%
Trapezoid Tear Strength	ASTM D 4533	lbs	79	56	40
CBR Puncture Resistance	ASTM D 6241	lbs	432	309	222
Permittivity	ASTM D 4491	Sec ⁻¹	0.2	0.2	0.2
Apparent Opening Size(AOS)	ASTM D 4751	micron	600	600	600
UV Resistance	ASTM D 4355	%	70%/500	70%/500	70%/500

PACKAGING	
Description	US Market
Roll Dimensions (Width - Ft.)	12.5 & 15
Roll Dimensions (Length - Ft.)	360 & 300
Roll Area (sqyd)	500
Core	4”
Packaging	Wrapped In Black Stretch Film & Labeled For Identification

We can do OEM packaging and private labeling for bulk orders

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- Above values are obtaining in our laboratory and are MARV Values.
- There may be variation in above values due to various factors when tested at other laboratory.
- The above values may also vary if the fabric is converted in to any value added product or used in combination with other products.
- The values may also change due to transportation damages & improper storage and handling at site.
- Client shall ensure that Storage is strictly done as per ASTM standard.
- The values are not intended as warranty / guarantee and Geo Source assumes no liability in connection with this information.
- NTPEP approved products available
- Rolls available in shorter width like 3', 4', 6' and 7.5'
- We can do tri, four as well as master packs