

TECHNICAL DATA SHEET

SYNTHETIC WOVEN & NON-WOVEN CAPPED (GSC160)

"GEO SOURCE GSC160 is a Capped Geo-Textile made from 100% Synthetic Material, which are formed due to interlacement of Woven & Non-Woven together. GEO SOURCE GSC160 is an ISO 9001:2015 certified product meeting all requirements as per ASTM Standard.

GEO SOURCE GSC160 conforms to the Values listed below:

SYNTHETIC WOVEN & NON-WOVEN CAPPED (GSC160)			
PROPERTY	TEST METHOD	ENGLISH (MARV ²)	METRIC (MARV ²)
Mass Per Unit Area	ASTM D 5261	10 Oz/yd ² (Scrim 4 & Capping 6)	340 g/m ² (Scrim 136 & Capping 204)
Tensile Strength	ASTM D 4595	13 kN/mtr	
Tensile Strength @ 5% Elongation	ASTM D 4595	5.5 kN/mtr	
Tensile Strength @ 5% Elongation	ASTM D 4595	10 kN/mtr	
Grab Tensile Strength	ASTM D 4632	146 lbs	650 N
CBR Puncture Resistance	ASTM D 6241	300 lbs	2300 N
Water Flow	ASTM D 4491	6 gpm/ft ²	240 l/m ² /min
FOS	ASTM D 4491	40-65 micron	
UV Resistance	ASTM D 4355	70%/500 hrs	70%/500 hrs

PACKAGING		
Roll Dimension (W*L)	15*300 ft	4.57*92mtr
Area Per Roll	500 sqyds	418 sqmtr
Estimated Roll Weight	312 lbs	142 kg
Core	4"	
Packaging	Wrapped In Black Stretch Film	

We can do OEM packaging and private labeling for bulk orders

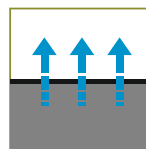
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- Above values are obtaining in our laboratory and are MARV Values.
- There may be variation in above values due to various factors when tested at other laboratory.
- The above values may also vary if the fabric is converted in to any value added product 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', 4'5', 6' and 12'
- We can do tri, four as well as master packs



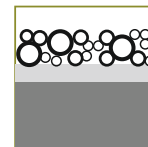
FILTRATION



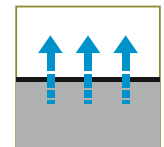
DRAINAGE



STABILISATION



SEPARATION



PROTECTION

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- Above values are obtaining in our laboratory and are MARV Values (67.5 % Level of Confidence)
- Tolerance: Physical & Mechanical: - 10 % & Hydraulic: - 30%
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