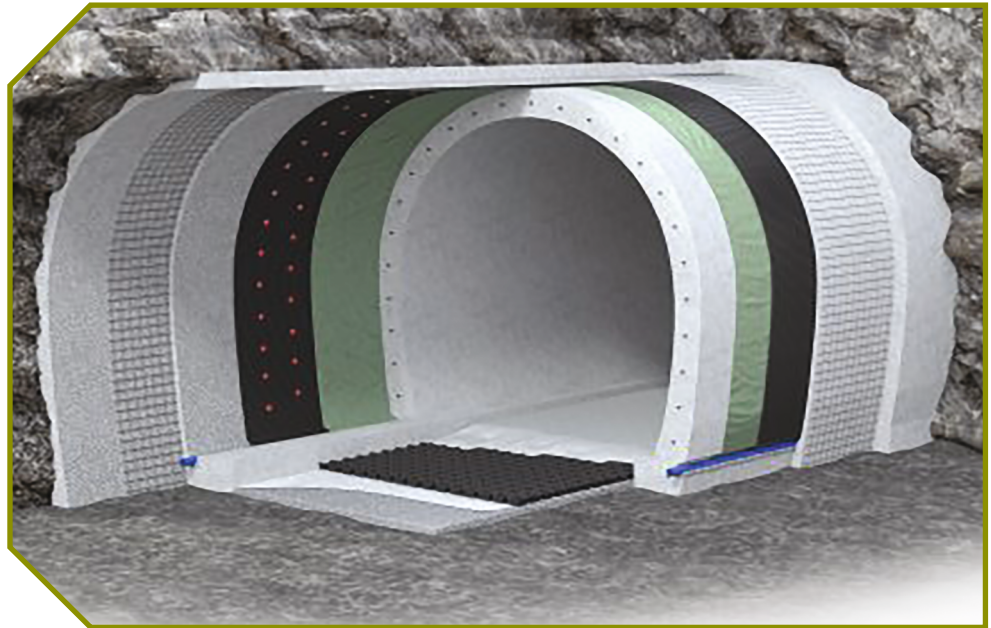


**NONWOVEN
POLYPROPYLENE
NEEDLE PUNCHED
(GST 2500 T)
TECHNICAL DATA SHEET**



GEO SOURCE GST 2500 T is a high strength needle-punched nonwoven Geotextile made of Polypropylene (PP) Staple Fibers, which are formed into a random network for dimensional stability. **GEO SOURCE GST 2500 T** meets requirements as per DIN Standards.

GEO SOURCE GST 2500 T conforms to the Minimum Average Roll Values (MARV) listed below:

NONWOVEN POLYPROPYLENE NEEDLE PUNCHED GST 2500 T			
PROPERTY	TEST METHOD	STANDARD	M.A.R.V.
GSM	DIN 53854	g/m ²	500
Thickness under 0.02 bar	DIN 53855	mm	3.9
Thickness under 2 bar	DIN 53855	mm	1.9
Tensile Strength	DIN 53857	N/5cm	1000
Extension at break	DIN 53857	%	70
Extension at break 30% of Tensile Strength	DIN 53857	%	20
Static Puncture CBR	DIN 54307	N	2000
Permeability in Plane @ 0.02 bar	ASTM D 4491	cm/sec	5*10 ⁻¹
Permeability in Plane @ 2 bar	ASTM D 4491	cm/sec	5*10 ⁻²
Resistance against acid & alkaline solutions, pH 2-13	SN 640 550 DIN 53857/2	%	10

1. Above values are obtain in our laboratory.
2. There may be some variation in above values due to various factors when tested at other laboratory.
3. The above values may also change if the fabric is converted in to any value added product or used in combination with other geo synthetic products.
4. The values may also change during transportation & improper storage and handling at site.
5. The values are not intended as warranty / guaranty and Geo Source assumes no liability in connection with this information.