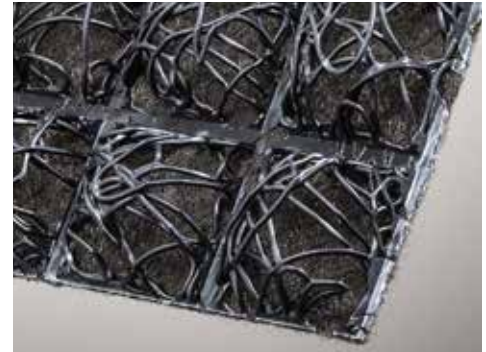


GRT DRAIN MAT - 0.5"

GRT Drain Mat 0.5" is a ½" thick drainage core with an extruded polymer matrix of tangled monofilaments, thermally bonded to a non-woven geotextile and molded into waffle patterns, for excellent compressive strength. The fleece is a lightweight non-woven, for excellent filtering performance, with high tensile and tear strength.



DRAIN MAT SPECIFICATIONS

MATERIAL	Core: Extruded Polymer Fleece: Non-Woven Geotextile
ROLL DIMENSIONS	4' x 100' x 0.45" high; 400 ft ² /roll & 48" diameter
ROLL WEIGHT	56 lbs/roll
COMPRESSIVE STRENGTH	>30,000 psf (ASTM D1621 modified & ASTM D4716) (flow rate may be decreased)

FLOW RATES: ASTM D4716

COMPRESSION APPLIED (psf)	<u>1.0 GRADIENT</u>	<u>.04 GRADIENT</u>	<u>.02 GRADIENT</u>
50			2.12 gpm/ft
100		2.05 gpm/ft	
250			1.95 gpm/ft
500	16.30 gpm/ft	2.20 gpm/ft	1.17 gpm/ft
1,000	13.72 gpm/ft	1.89 gpm/ft	.97 gpm/ft
2,000	6.81 gpm/ft	.67 gpm/ft	.35 gpm/ft
30,000			.10 gpm/ft*

* 30,000 psi was applied for 1 hr. then able to relax for 24 hrs. before 1,000 psf was applied to sample and ASTM D4716 was run. Passed.

FABRIC SPECIFICATIONS

	<u>NON-WOVEN</u>	<u>ASTM</u>
WEIGHT	.5 oz/ft ²	D5261
PUNCTURE STRENGTH	250 lbs	D6241
AOS (MAX. AVERAGE)	70 US Sieve	D4751
PERMEABILITY	0.21 cm/sec	D4491