

# Data Sheet

## DUTEX – 500

GEOTEXTILE 100% Polypropylene, needle punched, non-woven, UV stabilized

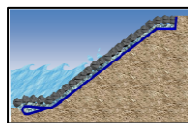
Applications of non woven, needle punched Geotextile



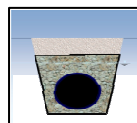
Road



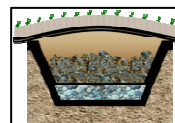
Railroad



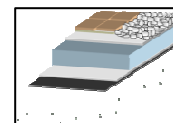
Coastal



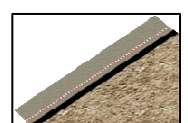
Pipeline



Landfill



Roofing



Slope

Properties *	Standard		Unit	DUTEX-500
<b>MECHANICAL</b>				
Thickness	ASTM D 5199	ISO 9863	mm.	4.00
Grab Strength	ASTM D 4632		N.	1700
CBR Puncture Strength	ASTM D 6241	ISO 12236	N.	4500
Grab Elongation	ASTM D 4632		%	>55
Trapezoidal Tear Resistance	ASTM D 4533		N.	500
Tensile Strength – 5cm strip	ASTM D 4595		N.	1300
<b>HYDRAULIC</b>				
AOS **	ASTM D 4751	ISO 12956	mm.	0.06
Permittivity	ASTM D 4491	ISO 11058	Sec <sup>-1</sup>	0.70
Flow Rate – 10cm head	ASTM D 4491	ISO 11058	l/sq.mt/s	64
<b>ULTRA VIOLET</b>				
UV Stability (@ 150hrs)	ASTM D 4355	ISO 12959	%	> 85
<b>Roll Dimensions</b>				
Roll Width			Mt.	5.80

\*: Mean Average Roll Value (MARV)

\*\* : Maximum Average Roll Value

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