

Data Sheet

DUTEX - 100

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

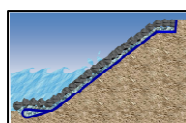
Applications of non woven, needle punched Geotextile



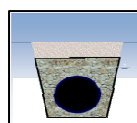
Road



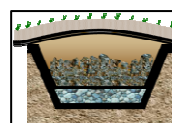
Railroad



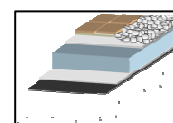
Coastal



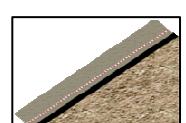
Pipeline



Landfill



Roofing



Slope

Properties *	Standard		Unit	DUTEX-100
MECHANICAL				
Thickness	ASTM D 5199	ISO 9863	mm.	0.65
Grab Strength	ASTM D 4632		N.	350
CBR Puncture Strength	ASTM D 6241	ISO 12236	N.	1000
Grab Elongation	ASTM D 4632		%	>50
Trapezoidal Tear Resistance	ASTM D 4533		N.	130
Mullen Burst	ASTM D 3786		kPa	800
Tensile Strength	ASTM D 4595		kN / m	5
HYDRAULIC				
AOS **	ASTM D 4751	ISO 12956	mm.	0.1
Permittivity	ASTM D 4491	ISO 11058	Sec ⁻¹	2.40
Flow Rate – 10cm head	ASTM D 4491	ISO 11058	l/sq.mt/s	200
ULTRA VIOLET				
UV Stability (@ 150hrs)	ASTM D 4355	ISO 12959	%	> 85
Roll Dimensions				
Roll Width			Mt.	5.60

*: Mean Average Roll Value (MARV)

** : Maximum Average Roll Value

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