

Data Sheet

DUTEX - 1000

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

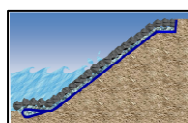
Applications of non woven, needle punched Geotextile



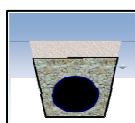
Road



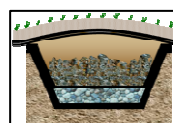
Railroad



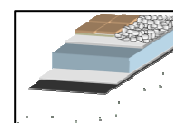
Coastal



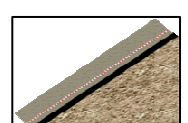
Pipeline



Landfill



Roofing



Slope

Properties *	Standard		Unit	DUTEX-1000
MECHANICAL				
Mass / Unit Area	ASTM D 5261		g/m ²	1000
Thickness	ASTM D 5199		mm.	7.00
Grab Strength	ASTM D 4632		N.	3000
CBR Puncture Strength	ASTM D 6241		N.	8000
Grab Elongation	ASTM D 4632		%	>55
Trapezoidal Tear Resistance	ASTM D 4533		N.	1000
Mullen Burst	ASTM D 3786		kPa	7500
Tensile Strength – 5 cm strip	ASTM D 5035		N.	2200
HYDRAULIC				
AOS **	ASTM D 4751	ISO 12956	microns	60
Permittivity	ASTM D 4491	ISO 11058	Sec ⁻¹	0.35
Flow Rate - 10cm head	ASTM D 4491	ISO 11058	l/sq.mt/s	44
ULTRA VIOLET				
UV Stability (@ 150hrs)	ASTM D 4355	ISO 12959	%	>85
Roll Dimensions				
Roll Width			Mt.	6.0

*: Mean Average Roll Value (MARV)

**: Maximum Average Roll Value

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