



PRODUCT DESCRIPTION SHEET

DALCO 1031

DALCO 1031 is a superior quality, nonwoven geotextile produced by needle-punching together 100% synthetic staple fibers, in a random network, forming a high strength, dimensionally stable fabric. The synthetic fibers are specially formulated to resist ultraviolet light deterioration, and are inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. The synthetic fibers are stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today. DALCO 1031 meets the following minimum average roll values:

PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
PHYSICAL				
Grab Tensile	ASTM D 4632	lbs.	80 (.35 kN)	
Grab Elongation	ASTM D 4632	%	50	
Trapezoidal Tear	ASTM D 4533	lbs.	25 (.11 kN)	
CBR Puncture Resistance	ASTM D 6241	lbs.	210 (.934 kN)	
UV Resistance After 500 hrs.	ASTM D 4355	% Strength Retained	70	
HYDRAULIC				
Permittivity ¹	ASTM D 4491	sec ⁻¹	2.2	
Water Flow Rate ¹	ASTM D 4491	gpm/ft ²	150 (6095 l/min/m ²)	
Apparent Opening Size ²	ASTM D 4751	U.S. Sieve	50 (.30mm)	
PACKAGING				
Roll Width		ft	12.5	15
Roll Length		ft	360	
Area		yd ²	500 / 600	

¹ Handling, at the time of manufacturing, may change these properties.

² Apparent Opening Size, (AOS), reported as maximum average roll value.

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