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CONSTRUCTION FABRICS, DRAINAGE & LINER MATERIALS
EROSION CONTROL & ENVIRONMENTAL PRODUCTS
Wholesale Distribution

PRODUCT DESCRIPTION SHEET

DALCO 1080

Dalco 1080 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 fiber is stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today. Dalco 1080 meets the following minimum average roll values:

PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
PHYSICAL				
Grab Tensile	ASTM D 4632	lbs.	205 (.91 kN)	
Grab Elongation	ASTM D 4632	%	50	
Trapezoidal Tear	ASTM D 4533	lbs.	80 (.359 kN)	
CBR Puncture Resistance	ASTM D 6241	lbs.	525 (2.335 kN)	
UV Resistance After 500 hrs.	ASTM D 4355	% Strength Retained	70	
HYDRAULIC				
Permittivity[1]	ASTM D 4491	sec^{-1}	1.1	
Water Flow Rate[1]	ASTM D 4491	gpm/ft^2	90 (3675 $l/min/m^2$)	
Apparent Opening Size[2]	ASTM D 4751	U.S. Sieve	80 (.180mm)	
PACKAGING				
Roll Width		ft	12.5	15
Roll Length		ft	360	300
Area		yd^2	500	

[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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