



BC60 Non-Woven Geotextile

6 oz Needle-Punched Polypropylene

Our nonwoven, needle-punched geotextiles are manufactured from high-strength polypropylene fibers, forming a dimensionally stable network that preserves fiber alignment and performance. These geotextiles offer excellent resistance to ultraviolet (UV) degradation, rot, biological attack, and are chemically inert to the soil conditions commonly found in civil engineering applications.

BC60 is manufactured to meet or exceed the following minimum average roll values.

MECHANICAL PROPERTIES			
PROPERTIES	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength	ASTM D-4632	160 lbs	712 N
Elongation @ Break	ASTM D-4632	50 %	50 %
Trapezoidal Tear	ASTM D-4533	60 lbs	267 N
CBR Puncture	ASTM D-6241	410 lbs	1825 N
Permittivity ⁴	ASTM D-4491	1.5 sec ⁻¹	1.5 sec ⁻¹
Water Flow Rate ⁴	ASTM D-4491	110 g/min/ft ²	4481 l/min/m ²
AOS ^{4&5}	ASTM D-4751	70 US Sieve	0.212 mm
UV Resistance @ 500 Hours (Average)	ASTM D-4355	70 %	70 %
TYPICAL ROLL DIMENSIONS			
Roll Dimensions	Width x Length (ft)	12.5' x 360' 15' x 300'	3.81 x 109.8 m 4.57 x 91.4 m
Area Per Roll	Sqyd ²	500 / 600	
Estimated Roll Weight	in lbs.	190/200	

Notes:

1. Property values listed above are effective 01/07/2025 and or subject to change without notice.
2. There may be some variation in above values due to various factor when evaluated at other laboratory.
3. Minimum average roll values (MARV) are calculated as the typical minus two deviations. Values represent testing at the time of manufacturing, that conforms to the Minimum Average Roll Values (MARV) 97.5%.
4. Maximum average roll value (MaxARV)
5. At the time of Manufacturing, handling may change these properties.



Disclaimer: BC Building Products assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. BC Building Products disclaims all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

2025-07-01