



Nonwoven Geotextile

Minimum Average Roll Values (MARV).

PROPERTY	TEST	UNIT	Armtec 160 (CC4)	Armtec 170 (CC4.5)	Armtec 200 (CC6)	Armtec 230 (CC7)	Armtec 250 (CC8)	Armtec 280 (CC10)	Armtec 350 (CC12)	Armtec 400 (CC16)
Grab Tensile Strength	ASTM-D4632	N (lb)	445 (100)	533 (120)	712 (160)	801 (180)	912 (205)	1112 (250)	1335 (300)	1691 (380)
Elongation	ASTM-D4632	%	50	50	50	50	50	50	50	50
CBR Puncture	ASTM-D6241	N (lb)	1112 (250)	1510 (340)	1824 (410)	2008 (450)	2224 (500)	3115 (700)	3510 (800)	4561 (1025)
Trapezoidal Tear	ASTM-D4533	N (lb)	200 (45)	222 (50)	267 (60)	334 (75)	356 (80)	445 (100)	512 (115)	- (145)
HYDRAULIC										
Apparent Opening Size	ASTM-D4751	mm (US Sieve)	0.212 (70)	0.212 (70)	0.212 (70)	0.212 (70)	0.180 (80)	0.150 (100)	0.150 (100)	0.150 (100)
Permittivity	ASTM-D4491	sec ⁻¹	1.2	1.7	1.5	1.4	1.4	0.8	0.8	0.7
Water Flow Rate	ASTM-D4491	l/m/m ² (gpm/ft ²)	5704 (140)	4485 (120)	4482 (110)	4278 (105)	3870 (95)	3056 (75)	2648 (65)	2037 (50)
ENDURANCE										
UV Resistance	ASTM-D4355	% @ 500 Hours	70	70	70	70	70	70	70	70
PACKAGING										
Roll Width	Measured	m (ft)	4.60 (15)	4.60 (15)	4.60 (15)	4.60 (15)	4.60 (15)	4.60 (15)	4.60 (15)	4.60 (15)
Roll Length	Measured	m (ft)	110 (360)	110 (360)	91 (300)	91 (300)	91 (300)	91 (300)	91 (300)	91 (300)

Note:

Mullen Burst ASTM D4833 are no longer recognized by ASTM Committee D35 as an acceptable geotextile test method. Puncture Strength ASTM 4833 has been replaced with the Static (CBR). Puncture ASTM D6241. For more information, refer to the ASTM website www.astm.org.

All values are MARV except where specified. All information and guidelines in this material is given in good faith but without warranty, expressed or implied with respect to the quality or fitness of the products referred to herein for any particular purpose. Recommendations made herein refer to general use of Geotextiles. When non-standard conditions exist the company reserves the right to be consulted prior to application.