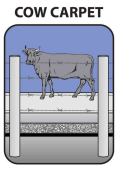
Cow Carpet® Geotextile

Cow Carpet Nonwoven Geotextile



Cow Carpet is a nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. Cow Carpet resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. Cow Carpet meets the following M.A.R.V. values except where noted:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight Typical	ASTM D-5261	8 oz/y²	271.2 g/m²
Grab Tensile Strength	ASTM D-4632	205 lbs	912 N
Elongation @ Break	ASTM D-4632	50 %	50 %
CBR Puncture	ASTM D-6241	535 lbs	2,381 N
Trapezoidal Tear	ASTM D-4533	85 lbs	378 N
Apparent Opening Size(1,2)	ASTM D-4751	80 US Sieve	0.177 mm
Permittivity(1)	ASTM D-4491	1.4 Sec^{-1}	1.4 Sec^{-1}
Water Flow Rate(1)	ASTM D-4491	95 g/min/f²	3,870 L/min/m²
UV Resistance @ 500 Hours	ASTM D-4355	70 %	70 %

(1) At the time of manufacturing. Handling, storage, and shipping may change these properties.
(2) Maximum average roll value (MaxARV).
(3) Historical reference values. These properties are no longer recognized by ASTM or AASHTO for geosynthetics.

Cow Carpet® Geotextile Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 360'	16"	12.5'	240 lbs	500 y²	200
15' x 300'	16"	15'	240 lbs	500 y²	156

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