

HYDRAWAY 2000

PRODUCT

PRODUCT	TEST METHOD	TYPICAL VALUE
CORE MATERIAL	-	HDPE
% OPEN SPACE	-	85%
OPEN ON BOTH SIDES?	-	Yes
COMPRESSIVE STRENGTH	ASTM D-695/1621 ₁	11,400 psf (545,832 Pascal kg/m/s ²)
FLOW RATE AT 1,500 PSF	ASTM D-47162 ₂	21 GPM/ft-width (260 L/min/m-width)
PEEL STRENGTH ₃	ASTM D-1876	50 lbs/ft-width (74 kg/m-width)

GEO-TEXTILE FILTER

ELONGATION	ASTM D-4632-91	50%
GRAB TENSILE	ASTM D-4632-91	120 lbs (54 kg)
PUNCTURE STRENGTH	ASTM D-4833-00	65 lbs (30 kg)
MULLEN BURST STRENGTH	ASTM D-3756-87	225 psi (158 kg/cm ²)
TRAPEZOIDAL TEAR	ASTM D-4533-91	50 lbs (23 kg)
WIDE WIDTH TENSIL	ASTM D-4595	50 lbs/in (9 kg/cm)
UV RESISTANCE (500 HOURS)	ASTM D-4355-02	70%
PERMITTIVITY	ASTM D-4491-99A	1.8 sec
PERMEABILITY	ASTM D-4751-99A ₄	0.21 cm/sec
WATER FLOW RATE	ASTM D-4491	135 gal/min/ft ² ₄ (5,493 L/min/m ²)
AOS (EOS)	ASTM D-4751-99A	70 U.S. Standard Sieve (0.21 mm)

ROLL DIMENSIONS

WIDTH	6, 12, 18, or 24 in (15, 30, 46, 61 cm) - Other sizes available upon request
LENGTH	150 ft (46 m) - up to 550 ft (167.64 m) available upon request

1. Modified - an existing ASTM test was modified since a recognized test method had not been established for this type of product at time of testing.
2. Gradient of 0.1
3. Fabric to core
4. Values shown are in weaker principal direction. Minimum average roll values are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.