

# Nyloplast Catch It

## Woven Geotextile properties

MARV<sup>2</sup>

PROPERTY	TEST METHOD	ENGLISH	METRIC
<b>Physical</b>			
Mass/Unit Area	ASTM D5261	6.1 oz/y <sup>2</sup>	205 g/m
Thickness	ASTM D5199	24 mils	.6 mm
<b>Mechanical</b>			
Tensile Strength ( Grab )	ASTM D4632	255 x 275 lbs	1,130 x 1,220 N
Elongation	ASTM D4632	20 x 15 %	20 x 15 %
Wide Width Tensile	ASTM D4595	130 x 130 lbs/in	22.7 x 22.7 kN/m
Puncture	ASTM D4833	135 lbs	600 N
Mullen Burst	ASTM D3786	420 psi	2890 kPa
Trapezoidal Tear	ASTM D4533	40 x 50 lbs	175 x 220 N
<b>Endurance</b>			
UV Resistance	ASTM D4355	90%	90%
<b>Hydraulic</b>			
Apparent Opening Size (AOS)	ASTM D4751	20 US Std. Sieve	0.850 mm
Percent Open Area (POA)	CW-02215 Mod. <sup>3</sup>	17 %	17 %
Permittivity	ASTM D4491	1.50 sec <sup>-1</sup>	1.50 sec <sup>-1</sup>
Permeability	ASTM D4491	0.02 cm/sec	.020 cm/sec
Water Flow Rate	ASTM D4491	200 gpm/ft <sup>2</sup>	8,145 l/min/m <sup>2</sup>
<b>Roll Sizes</b>		12 ft x 300 ft	3.65 m x 91.44 m

**NOTES:**

1. The property values listed above are effective 11/1/2000 and are subject to change without notice.
2. Values for machine (warp) and cross-machine (fill), respectively, under dry or saturated conditions. Minimum average roll values (MARV) 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.
3. Army Corp of Engineers test method correlated to light emittance through fabric. (Area of Openings/Total Area X 100%)