

Inlet Pro® Sediment Bags

Inlet Pro® Sediment Bags are an important part of standard Best Management Practices (BMPs) that should always be implemented to reduce surface water pollution from construction stormwater runoff. They are specifically designed to help retain the sediment and debris that can become dislodged and suspended in flows during rain events; utilizing this form of inlet protection can reduce the potential impacts of sedimentation.

Our Hanes Geo Components branches stock other inlet protection bags, logs, wattles, and filter socks.

PROPERTY	TEST METHOD	STANDARD FLOW ENGLISH	STANDARD FLOW METRIC	HIGH FLOW ENGLISH	HIGH FLOW METRIC
Geotextile ¹					
Tensile Strength	ASTM D4632	315 x 315 lbs	1.4 x 1.4 kN	365 x 200 lbs	1.624 x 0.890 kN
Tensile Elongation	ASTM D4632	15 x 15 %	15 x 15 %	24 x 15 %	24 x 15 %
Wide Width Tensile ²	ASTM D4595	2,400 x 2,400 lbs/ft	35 x 35 kN/m	2,400 x 1,680 lbs/ft	35 x 24.52 kN/m
CBR Puncture	ASTM D6241	1,400 lbs	6.230 kN	750 lbs	3.336 kN
Trapezoid Tear	ASTM D4533	125 x 125 lbs	0.556 x 0.556 kN	115 x 75 lbs	0.512 x 0.334 kN
UV Resistance	ASTM D4355	90 % @ 500 hrs	90 % @ 500 hrs	90 % @ 500 hrs	90 % @ 500 hrs
Mullen Burst	ASTM D3786	800 psi	5,516 kPa	450 psi	3,102 kPa
Puncture	ASTM D4833	120 lbs	0.534 kN	lbs	kN
AOS	ASTM D4751	40 US Std. Sieve	0.425 mm	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D4491	0.7 sec⁻¹	0.7 sec⁻¹	2.1 sec⁻¹	2.1 sec⁻¹
Water Flow Rate	ASTM D4491	50 gpm/ft²	2,037 Lpm/m²	145 gpm/ft²	5,907 Lpm/m²
Webbing					
Break Strength	Measured	3,200 lbs	14.249 kN	3,200 lbs	14.249 kN
Elongation at Break	Measured	≤ 15 %	≤ 15 %	≤ 15 %	≤ 15 %
Width	Measured	1.0 in	25.4 mm	1.0 in	25.4 mm

¹ pH range 3 to 12, only chemicals, acids or alkali common to soil

² Ultimate strength values, Tult

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