

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

<sup>1</sup> pH range 3 to 12, only chemicals, acids or alkali common to soil

<sup>2</sup> Ultimate strength values, Tult

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