

Inlet Pro™ Sediment Bag



FUNCTION: 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.

GEOTEXTILE: INLET PRO™ SEDIMENT BAGS are manufactured from a geotextile fabric consisting of polypropylene filaments/yarns that are woven into a stable, durable network such that the filaments/yarns retain their relative position. The geotextile fabric is non-biodegradable, resistant to most common soil chemicals, acids or alkali, and is manufactured to meet the minimum average roll values (MARVs) listed in the following table:



PROPERTY	METHOD	STANDARD FLOW		HIGH FLOW	
Grab Tensile	ASTM D4632	315 x 315 lbs	1.4 x 1.4 kN	365 x 200 lbs	1.624 x .890 kN
Grab Elongation	ASTM D4632	15 x 15 %	15 x 15 %	24 x 15 %	24 x 15 %
Wide Width Tensile	ASTM D4595	2,400 x 2,400 lbs/ft	35 x 35 kN/m	2,400 x 1,680 lbs/ft	35 x 24.5 kN/m
Trap Tear	ASTM D4533	125 x 125 lbs	.556 x .556 kN	115 x 75 lbs	.512 x .334 kN
CBR Puncture	ASTM D6241	1,400 lbs	6.23 kN	750 lbs	3.34 kN
Permittivity	ASTM D4491	.70 sec ⁻¹	.70 sec ⁻¹	2.1 sec ⁻¹	2.1 sec ⁻¹
Water Flow	ASTM D4491	50 gpm/ft ²	2,037 l/min/m ²	145 gpm/ft ²	5,907 l/min/m ²
AOS	ASTM D4751	40 US Sieve	.425 mm	40 US Sieve	.425 mm
UV Resistance	ASTM D4355	90 % @ 500 hrs	90 % @ 500 hrs	90 % @ 500 hrs	90 % @ 500 hrs

DURABILITY: The image to the right is a HIGH FLOW INLET PRO™ BAG filled with approximately 1200 lbs (545 kg) of sand with no seam failure.



For more information contact:

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SEWING: All seams are produced using a double needle lock stitch with high strength, weather resistant nylon thread. The webbing terminations are also stitched using the same nylon thread in a box-x pattern.

WEBBING: The 1" reinforcement webbing for the sack and optional center expansion restraint is woven using high strength, Hi-Vis orange polyester filaments/yarns to meet a nominal break strength of 3,200 lbs (14.25 kN).

SIZES: INLET PRO™ SEDIMENT BAGS are available in multiple sizes to fit nearly any square or rectangular frame and grate; there is also an optional foam/geotextile deflector for use with curb/grate combination type inlets.

DISCLAIMER: Hanes Geo Components warrants that the product characterized on this Product Data Sheet, when delivered, shall conform to the specifications described herein, and will replace the product or refund the purchase price upon notice of defect made within sixty days of delivery and prior to installation. **ALL OTHER WARRANTIES, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED.** The final determination as to the suitability of the product in any particular application rests solely with the purchaser. Hanes Geo Components reserves the right to alter or modify its products and descriptions at any time without notice.