



TECHNICAL DATA SHEET

Siltsack® Catch Basin Sediment Capture Device Regular Flow

Siltsack® is a sediment control device used during construction that mounts under the grate in catch basins. Siltsack® is made of a permeable geotextile that allows water to pass but prevents silt and sediment from clogging the drain system.

Siltsack¹ sediment control device is manufactured by ACF Environmental, Inc.² and shall be manufactured from a specially designed woven polypropylene geotextile manufactured by SI Geosolutions³ and sewn by a double needle machine, using a high strength nylon thread.

Siltsack will be manufactured to fit the opening of the catch basin or drop inlet. Siltsack will have the following features: two dump straps attached at the bottom to facilitate the emptying of Siltsack; lifting loops as an integral part of the system to be used to lift Siltsack from the basin; a restraint cord approximately halfway up the sack to keep the sides away from the catch basin walls. The yellow cord is also a visual means of indicating when the sack should be emptied. Once the strap is covered with sediment, Siltsack should be emptied, cleaned and placed back into the basin.

Siltsack - Regular Flow seams shall have a certified average wide width strength per ASTM D-4884 standards of 165.0 lbs/in.

PRODUCT TEST DATA		
Physical Property	Test Method	Typical Value
Grab Tensile	ASTM D-4632	315 lbs x 300 lbs
Grab Elongation	ASTM D-4632	15% x 15%
Puncture	ASTM D-4833	125 lbs
Mullen Burst	ASTM D-3786	650 psi
Trapezoidal Tear	ASTM D-4533	120 lbs x 150 lbs
UV Resistance	ASTM D-4355	90%
Apparent Opening	ASTM D-4751	40 US Sieve
Flow Rate	ASTM D-4491	40 gal/min per sq ft
Permittivity	ASTM D-4491	0.55 sec -1

Test results represent Minimum Average Roll Values (MARV) with the exception of weight which is a typical result.

1. Silt sack is covered by U.S. Patent No. 5,575,925.
2. ACF Environmental, Inc., 2831 Cardwell Road, Richmond, Virginia 23234, Phone: 800-448-3636, Fax: 804-743-7779, www.acfenvironmental.com
3. SI Geosolutions, www.sigeosolutions.com, (800) 621-0444