

FLEXSTORM® CATCH-IT® LITE LOWER-COST INLET PROTECTION

SWPPP COMPLIANT

FLEXSTORM's CATCH-IT LITE is a lower cost alternative to fabric only inlet protection. It offers all the benefits that make FLEXSTORM the preferred choice of home builders to keep their job sites SWPPP compliant. In addition, FLEXSTORM CATCH-IT LITE meets the requirements of ASTM D8057.

APPLICATIONS:

Residential Developments
Commercial Developments
Roadway Construction

FEATURES:

- High flow, woven filter bags are 82% efficient with enough storage capacity to handle dozens of rain events prior to maintenance
- All filters include overflow bypass to prevent flooding with a full bag or during a major storm
- Adjustable, low profile framing fits into offset castings and avoids concrete interference
- Installed and maintained with only one worker, no machinery required
- The 12 GA corrosion resistant framing supports over 500 pounds, independent of the grate
- Full filter will not fall into inlet when grate is removed
- A reusable inlet protector designed to last several years

ADS Service:

ADS representatives are committed to providing you with the answers to all your questions, including selecting the proper filter, specifications, installation and more. Also try the **ADS FLEXSTORM Online Product Configurator** at www.inletfilters.com



BENEFITS:

- Reduce jobsite flooding and keep projects running
- Minimize residential complaints with cleaner, dryer streets during all construction phases
- Prevent hazardous road icing conditions by eliminating ponding at curb inlets
- Prevent siltation and pollution of rivers, lakes, and ponds
- Helps prevent fines; NPDES PHASE II Compliant
- Lowest cost alternative for the highest level of Inlet Protection



FLEXSTORM CATCH-IT LITE INLET FILTERS SPECIFICATION

IDENTIFICATION

The installer shall inspect the plans and/or worksite to determine the quantity of each drainage structure casting type. The foundry casting number, exact grate size and clear opening size, or other information will be necessary to confirm the required FLEXSTORM model number.

MATERIAL AND PERFORMANCE

The FLEXSTORM Inlet Filter system meets ASTM D8057 and is comprised of a corrosion resistant steel frame and a replaceable geotextile filter bag. The filter bag hangs suspended at a distance below the grate that shall allow full water flow into the drainage structure if the bag is completely filled with sediment. The standard woven polypropylene FX filter bags are rated for 200 gpm/ft² with a removal efficiency of 82% when filtering a USDA Sandy Loam sediment load.

INSTALLATION

Remove the grate from the casting or concrete drainage structure. Clean the ledge (lip) of the casting frame or drainage structure to ensure it is free of stone and dirt. Drop in the FLEXSTORM Inlet Filter through the clear opening and be sure the suspension hangers rest firmly on the inside ledge (lip) of the casting. Replace the grate and confirm it is elevated no more than 1/8", which is the thickness of the 12GA framing flange thickness. If adjustable, loosen the 5/16" bolts and slide flange in or out to properly engage the resting ledge. If a flap is included on the bag, use it to take up any clearance from front to back and pull over curb hoods on combination inlets. The flaps can be trimmed or staked down behind the curb.

INSPECTION FREQUENCY

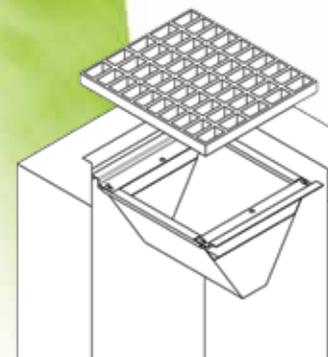
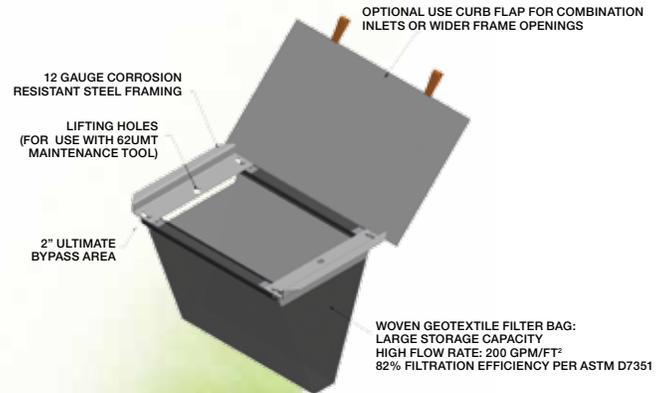
Construction site inspection should occur following each 1/2" or more rain event or as directed by local regulations.

MAINTENANCE GUIDELINES

Empty the filter bag if more than half filled with sediment and debris, or as directed by the Engineer. Remove the grate, engage the flange lifting holes with the FLEXSTORM Removal Tool or with other chains/hooks, and lift filter from the drainage structure. Dispose of the sediment or debris as directed by the engineer or maintenance contract in accordance with EPA guidelines. As an alternative, an industrial vacuum may be used to collect the accumulated sediment. Remove any caked on silt from the sediment bag and reverse flush the bag with medium spray for optimal filtration. Replace the bag if torn or punctured to 1/2" diameter or greater on the lower half of the bag.

FILTER BAG REPLACEMENT

Remove the bag by disassembling a support flange off the frame and sliding the bag off the channels. Take the new filter bag and slide the channels into the hem of the bag. Replace the support flange by securing the two 5/16" bolts. A 1/2" socket head and/or open-ended wrench will be required.



CAD Drawings, work instructions,
and test reports can be found at:
www.inletfilters.com