Catch-It® Lite
Inlet Filters

Catch-It Lite basin and curb inlet filters are a low-cost alternative to fabric-only inlet protection. Catch-It Lite filters allows builders to keep their job sites SWPPP compliant and meets ASTM D8057.

Applications

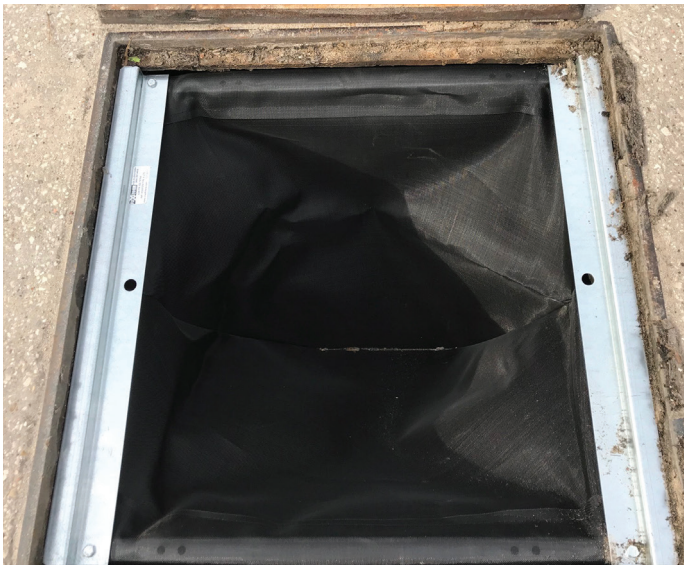
- Residential developments
- Commercial developments
- Roadway construction

Features

- High-flow filter bags are 82% efficient
- Adjustable framint fits into offset castings
- 12 GA corrosion resistant framing supports over 500 pounds, independent of the grate
- Overflow feature prevents flooding during a major storm or if bag is full
- Reusable inlet protector will last several years

Benefits

- Reduces jobsite flooding to keep projects running
- Keeps streets clean and dry during construction
- Prevents ponding at curb inlets
- Prevents siltation and pollution of rivers, lakes & ponds
- Installed and maintained by one worker, no machinery required



ADS™

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 Catch-It Lite model number.

Material and performance

Catch-It Lite meets ASTM D8057 and is comprised of a corrosion resistant steel frame and a replaceable geotextile filter bag. The filter bag hangs suspended 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/sqft with a removal efficiency of 82% when filtering a USDA Sandy Loam sediment load.

Installation

Remove the grate and clean the ledge of the frame to ensure it is free of stone and dirt. Hang the inlet filter's suspension hangers firmly on the casting's inside ledge. Replace the grate and confirm it is elevated no more than ⅛" (3 mm). If adjustable, loosen the 5/16" (8 mm) 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 comination inlets. The flaps can be trimmed or staked down behind the curb.

Inspection Frequency

Construction site inspection should occur following each ½" (12 mm) 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 removal tool or with other chains/hooks and lift from the structure. Dispose of the sediment or debris as director 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 ½" (12 mm) diameter or greater on the lower half of the bag.

Filter bag replacement

Remove the bag by disassembling a support flange from 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" (8 mm) bolts. A ½" (12 mm) socket head and/or open end wrench will be required.

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