



StormSack

Stormwater Filtration System

Maintenance Guide

For

Nassau County Item 504B – Type “B”
Catch Basin Inserts – Sediment Control Type
Open Curb Only - Storm drain inlets

Single & Double unit styles

Caution

Do not step, stand, sit or in anyway use the StormSack device to support your weight during the maintenance procedure.

Caution

StormSack units maybe installed into street level drain inlets. The StormSack should be maintained by trained individuals who are familiar with all Traffic safety regulations.

Maintenance Guide

Pre-installation Cleaning

The StormSack like any other storm water remediation device requires maintenance to remain efficient as a storm water filter. Fabco Industries highly recommends inspecting the perspective catch basin storm sewer before installing a StormSack unit and thoroughly cleaning it if necessary.


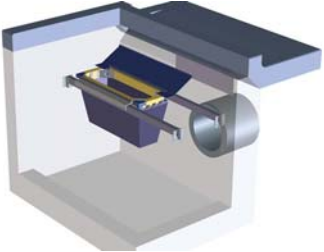



Cleaning Frequency

After installation the StormSack requires periodic cleaning. There are no hard and fast rules in this regard. Small units and installation sites with higher than expected sediment loads or areas with significant trees and foliage require more maintenance. In general, Fabco Industries recommends cleaning out the unit(s) a minimum twice per year by removing the debris, sand and silt.

StormSack Models:

StormSack units for installation into Type "B" Open curb only storm drain inlets are available in single or double unit styles.

<p>504B - Single StormSack used in the subsurface vault. Clean using vacuum truck through manhole. This style unit requires 1 replacement filter bag</p>		
<p>504B - Double (2) StormSack units used in the sub-surface vault. Clean using vacuum truck through manhole. This style unit requires 2 replacement filter bags</p>		<p>No Picture</p>

Maintenance Guide

Cleaning out the StormSack: Type "B" Open Curb Only storm drain inlets

Do not lift or remove the StormSack during cleaning operations. Be sure to follow proper road safety rules & regulations when working in the street.

Begin by removing the manhole plate from the inlet. CAUTION: the manhole plates are extremely heavy. Some type of lifting mechanism is highly recommended.

Place it carefully on the ground away from the work area.



With the manhole plate removed the StormSack is available for cleaning. Do not step, stand, sit or in anyway use the StormSack to support your weight. Be sure to follow all Safety and Traffic protocols.

Remove the sediment and debris from the Geotextile bag. This can be done manually or with a vacuum device. Be sure you are wearing gloves, safety glasses and that traffic safety procedures are observed.



If the Geotextile filter bag is in good shape, the cleaning process is complete. Re-install the manhole plate to complete the job. If the bag is damaged or ripped, obtain a new replacement filter bag (single unit) or bags (double unit) and follow the procedures for Removing and then Installing a new bag.



Maintenance Guide

Installing a replacement filter bag on the StormSack

The StormSack uses a replaceable, woven Geotextile filter bag to collect sediments and debris from stormwater flows entering the drain inlet.

Part number for StormSack replacement filter bag: 9748-1X-200. Two sacks are required on the Double units

Removing the filter bag(s)

<p>With all sediment and debris removed the StormSack(s) is (are) accessible for bag replacement.</p> <p>1) The StormSack is supported in the vault by two horizontal beams. Two support flanges located on the front and back edges of the StormSack provide support for the unit on the beams. In most installations, only the weight of the unit keeps it in place on the beams.</p> <p>2) Begin by lifting the rear flange (furthest from the drain inlet) up as high as you can using the front beam as a pivot. It maybe easier to grab this flange with a metal hook coming in through the manhole above.</p> <p>This will expose the mounting brackets and plastic hooks located underneath that hold the filter bag to the metal frame.</p>	
<p>The StormSack filter bag is connected to the metal brackets with plastic hooks. Holding the frame steady, lift each pair of hooks upwards and slightly back to release them from the support bracket. Continue in this fashion all the way around the frame until all the paired hooks are released and the filter bag drops away.</p>	
<p>Repeat the process to remove the second bag for Double units</p>	

Maintenance Guide

Installing a new filter bag

Once the old bag is removed, the frame is ready to accept a new replacement filter bag. Again lift up on the back flange pivoting on the front beam. With the unit held as vertical as possible, orient the bag to the frame.

To install the new bag reverse the procedure used for removing the old bag. Connect each pair of hooks to the support brackets located on the periphery of the frame until all the hooks are connected and supporting the new bag



The StormSack is now complete with new filter bag attached. Repeat the process for Double unit storm sewer inlets

To complete the job put the manhole plate back in place.