



# Storm Drain Filter Socks

**Filters Sediment, Debris, Phosphorous, Hydrocarbons and Heavy Metals**

The Storm Drain Filter Sock provides a budget-friendly option for protecting storm drains, down spouts, or construction areas. This stormwater BMP solution offers quality control and precise protection for storm drain filtering. With lengths of 9 feet, the woven polymer casing and filtration sock removes an assortment of sediments and pollutants. Robust media filters are also available when you need to remove heavy metals and phosphorous. Customize the Storm Drain Filter Socks to fit to your job's needs and requirements.

Install the Storm Drain Filter Sock with no hassle. Simply unwrap the product and place it around the storm drain, gully, ditch or downspout that you would like to protect. Once installed, the Storm Drain Filter Sock provides shield-like barrier protection, and the upkeep and maintenance is as easy as the installation.



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## Features

- 9 Feet Sections
- UV-Rated, Woven Polymer Casing
- Removes Sediment, Trash and Debris
- Various Media Options for Your Various Projects

## Benefits

- Overlap Drain Socks for Extra Coverage
- Media Filter Options for Heavy Metal and Phosphorus Removal
- Reliable Above Drain Protection
- Hassle Free Installation

*We are here to serve you. Just call or email with your project specifications and details, and we'll do the rest. Our goal is to provide the best solution for your project, with materials delivered on time at a price that fits nicely within your budget.*



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## Material Specifications

Property	Test Method	Woven (Typical:)
Fabric Weight	ASTM D-5261	3.74 oz./sq./yd.
Grab Tensile (MD/TD)	ASTM D-4632	184/160 lbs.
Trapezoid Tear (MD/TD)	ASTM D-4533	99/67 lbs.
Puncture	ASTM D-6241	558 lbs.
Seam Strength	ASTM D4884	358(ppi)
Apparent Opening Size	ASTM D-4751	30 US Sieve (0.425mm).
Permittivity	ASTM D-4491	1. 2.7 sec- <sup>^</sup> l
Permeability	ASTM D-4491	0.14 cm/sec
UV Resistance (500hrs)	ASTM D-4355	>80%
Material		High Density Polyethylene (HDPE)

Other options (click for more information):



[Ultra Gutter Guard](#)



[Coir Logs](#)



[Coir Wattle](#)

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## Media Filtration (Optional)

Media Type	Capacity Information*
Activated Carbon	<ul style="list-style-type: none"><li>• Each Filter Sock is filled with granular activated carbon. This media is an excellent polishing filter, due to its immense surface area and the wide range of components it is capable of absorbing. Helps with removing odors.</li><li>• Dry Filter Sock Weight of approximately 36 lbs.</li></ul>
Heavy Metal Removal Media	<ul style="list-style-type: none"><li>• Each Filter Sock can remove up to 1145 grams of heavy metals</li><li>• Removal rates up to 50% per Filter Sock</li><li>• See Heavy Metal Removal Data Sheet for more information</li><li>• Dry Filter Sock Weight is approximately 32.5 lbs</li></ul>
Sorb 44	<ul style="list-style-type: none"><li>• Each Filter Sock can absorb up to 5.33 gallons (20 liters) of hydrocarbon</li><li>• Dry Filter Sock Weight is approximately 9 lbs.</li></ul>
PhosFilter	<ul style="list-style-type: none"><li>• Each Filter Sock can remove up to 26 lbs. of phosphorus with up to 95% efficiency</li><li>• Dry Filter Sock Weight is approximately 50 lbs</li></ul>
Sediment Removal Media	<ul style="list-style-type: none"><li>• Recycled rubber material keeps unit in place and allows for maximum water flow</li><li>• Dry Filter Sock Weight is approximately 40 lbs.</li></ul>



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## Installation Process:

**Step 1:** To begin installation for your filter sock, first, remove the sock from the plastic transport wrapping and dispose of any dust produced that resulted from transport.

**Step 2:** To help prevent any additional dust build up, set the filter sock in the grass, and rinse it with a hose. This removes additional residual sediment before installation. For every 1 ½ linear feet of the Filter Sock, soak for 1 minute. You will need to soak the entire 9-foot Sock for 6 minutes to attain the full effect.

**Step 3:** After you have soaked the sock, use the loop-like ends on each side of the filter sock to carry it to the installation site. Carefully handle the sock as you move it to make sure there is no further increases in sediment. Once in the desired area, place the Filter sock across and around the front of the curb style basin, catch basin or surrounding the zone you are shielding. After placing it in the desired area, make sure to secure it along the edges of the curb or make sure there are no gaps between the filter and ground. Doing this will ensure unwanted pollutants don't get through the gaps and allows for a clean and safe passageway.

**Step 4:** If the area you would like to defend is longer than 9ft (the length of the sock) then overlap the socks, creating a wall like barrier. In other cases, you may need to create a donut shape around the drain to allow filtration before stormwater enters the basin. If using multiple filter socks, check to make sure that there are no gaps between filter socks and that they are flush to the curb (if there is one).

**Step 5:** You have successfully installed the Storm Drain Filter Sock, making your job site a safer and pollutant free zone!

## Upkeep and Replacements:

As we know, each job site requires different constraints, but for our Filter sock, the upkeep is stress free. When there has been a substantial or heavy rainfall, we suggest rotating the filter sock ¼ of a turn every week to achieve full use of the media filling. If there has been little to no rain, then there is no need to rotate the filter sock. You should change the filter sock once it has been fully rotated and is back where the sock originally began.

For more complete information on One Clarion products and solutions, visit us on the Web at [www.clarionmunicipal.com](http://www.clarionmunicipal.com).

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