



THE HOPPER

Under ~~Grate~~ ^{GREAT!} Filter
Under the grate and under control.



The [Taurus Under Grate Filter](#) fits securely underneath storm drain covers and protects stormwater systems from suspended solids, silt, trash, yard waste and oil sheens. The low-profile secure-connect system allows easy installation, and is street sweeper and vehicle friendly.

*This product is designed to be used as a part of your SWPPP. GEIWorks does NOT guarantee you will avoid any fines by using this product. Inspect your site weekly and implement a routine maintenance schedule to ensure the measures outlined in your SWPPP are effective.



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Taurus Under Grate Filter

The Taurus [Under Grate Filter](#) is a cost-effective, user-friendly way to help protect drains from trash and debris. The design incorporates a permeable filter fabric and strong webbing to ensure durability as well as effectiveness. Using the Taurus Under Grate filter can help you comply with local and federal storm water regulations and reduce pollutants entering waterways.

This stormwater BMP is **customizable** so you can **add flocculants, oil absorbent and other media** to treat the incoming water, helping minimize the pollutants entering storm drain systems.

Features

- Typical sizing ranges from 24" to 60" square (**other options available**).
- Captures a range of contaminants, including silt, sand, trash and debris.
- Filters particulates producing cleaner water discharge.
- Durable design using filtration fabric and heavy duty 5,500# webbing.
- Overflow ports allow for an increased flow rate during heavy rain events reducing the risk of flooding.

Advantages

- Installs quickly and securely.
- Street sweeper friendly.
- High visibility strapping allows you to immediately recognize storm drains that require maintenance after a rain event.
- Larger hopper (collection area) than traditional comparable products.
- The low-profile system is designed to prevent damage to street sweeper brushes and vehicle tires.
- Helps you comply with local and federal regulations.
- Folds and stores flat for easy shipping and requires minimal space for inventory.

Applications

- Stormwater runoff filtration and treatment of trash, sediment and yard waste.
- Construction site drain protection.
- Filtration for parking lots and work areas.
- Add our absorbent pillows to capture oil and sheen.



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SPECIFICATIONS

FABRIC**

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D-4632	370 x 200 lbs	1647 x 890 N
Elongation	ASTM D-4632	15%	15%
Puncture	ASTM D-4833	90 lbs	401 N
Mullen Burst	ASTM D-3786	450 psi	3100 kPa
Trapezoidal Tear	ASTM D-4533	115 x 75 lbs	512 x 334 N
UV Resistance (at 500 hrs)	ASTM D-4355	90%	90%
Apparent Opening Size (AOS)*	ASTM D-4751	40 US Std. Sieve	0.425 mm
Percent Open Area (POA)	COE-02215	10%	10%
Permittivity	ASTM D-4491	2.1 sec. ¹	2.1 sec. ¹
Water Flow Rate	ASTM D-4491	145 gpm/ft ²	5907 l/min/m ²

WEBBING

Width	1.5"
Thickness	Approx. .071" / 1.80mm
Tensile Strength	5,500 lbs
Melting Point	480° F

SIZES*

	FDOT Sizes
24"x 36"x 20"	Type C 28" x 36"
48"x 36"x 20"	Type D 36" x 53"
60"x 60"x 20"	Type E 40" x 54"(S) \ 26" x 40"(D)

* Other sizes available upon request. Made to order based on specific grate sizes. *We work for you!*

** Alternative fabrics with various AOS and flow rates available.

For more complete information on GEI Works products and solutions, visit us on the Web at www.geiworks.com.

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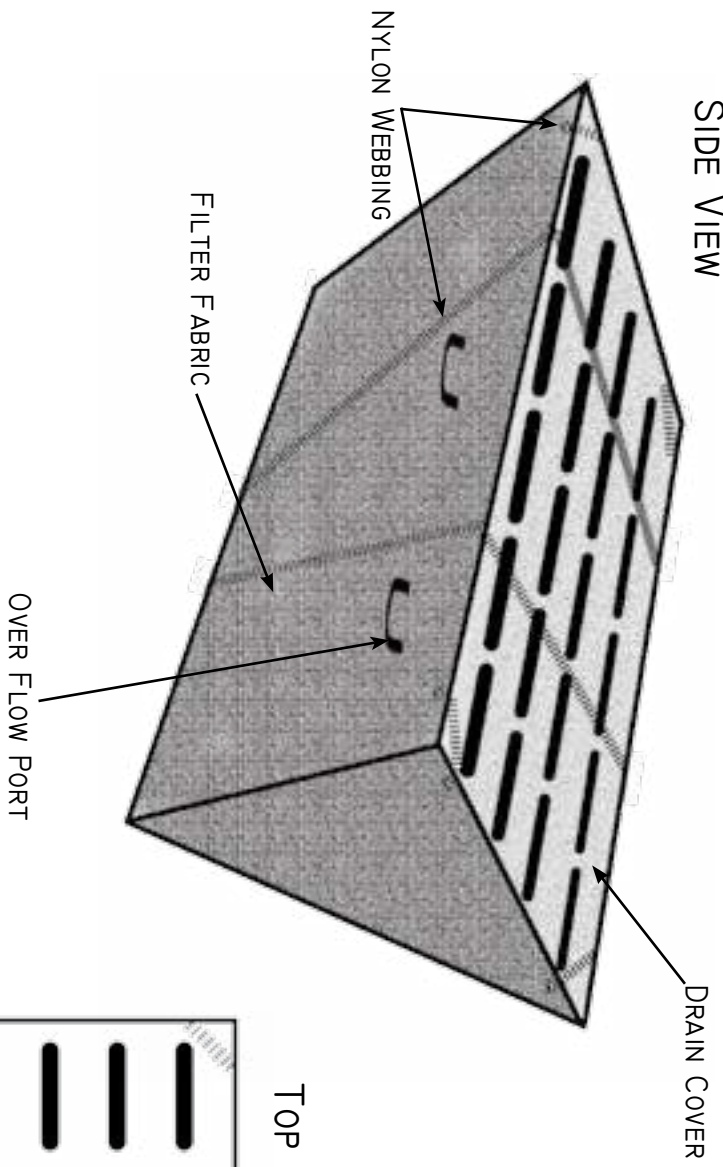
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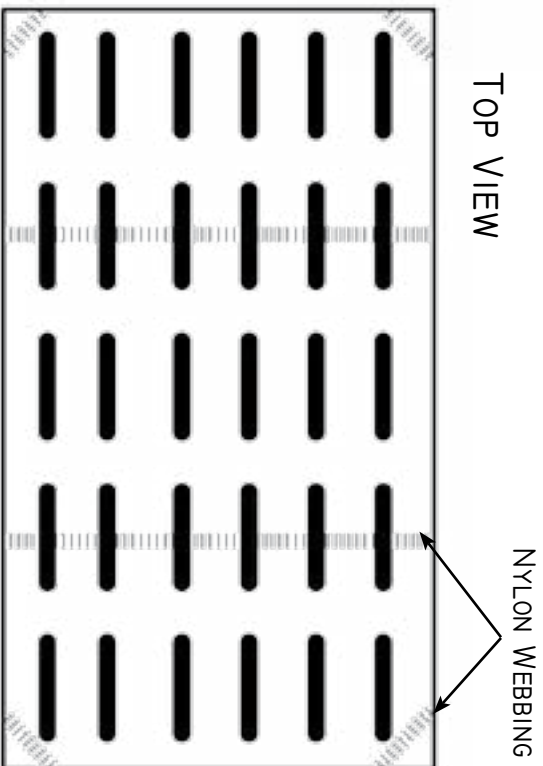
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SIDE VIEW



TOP VIEW



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The HopperTaurus Under Grate Filter

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Scale:	Drawing:	Revision:	Date:	By: