

Mundus Bag[®] water filter

Gutter Bin[®] stormwater filtration system



The Mundus Bag water filter removes trash, microplastics, sediment, heavy metals, nutrients, oil, and hydrocarbons from stormwater and the local environment. The Mundus Bag is a versatile water filter that integrates with the Gutter Bin stormwater filtration system and provides the user with measurable and quantifiable results.

Features & Benefits

- Cylindrical filter design with integrated handle facilitates manual or vacuum truck cleaning methods
- Optional adjustable backflow preventer inhibits scouring and the loss of captured floatable pollutants
- Patented design allows for a wide variety of configurations and pollution capture options
- Stainless steel hoop in the top anchor ensures a secure fit with the Gutter Bin
- Removable, replaceable and customizable filtration capabilities
- Flexible construction fits most any shape or depth catch basin
- High quality material and construction equate to 700+ pound tested capacity, an extended field life & reusability
- Capable of vertical or sloped applications
- Cylinder-like configuration packs trash and finer particulate to create a sand filter-like effect
- Made in USA with 100% recyclable material

CERTIFIED:

- ✓ Full Trash Capture (CA)
- ✓ Vector Control Accessible (CA)
- ✓ Temporary Erosion Control (WA)

Mundus Bag Models



TTC
Total Trash Capture
4.0 mm aperture opening
Reusable polypro net



TSS
Total Suspended Solids
0.21mm aperture opening
disposable geofabric



HDF
Heavy Duty Filtration
0.6 mm aperture opening
reusable polypro mesh



SHHT
**Sediment, Hydrocarbons,
Heavy Metals, & Trash**
0.21 mm aperture opening
reusable industrial strength
polypropylene mesh

Call us for a quote today!



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Chemistry by: MYCELX

MYCELX Snippets filter media permanently removes oil and grease from stormwater. Snippets are an optional media that work within the Mundus Bag to efficiently remove most hydrocarbons. MYCELX is non-toxic, environmentally safe and approved for use in the Galapagos Islands.



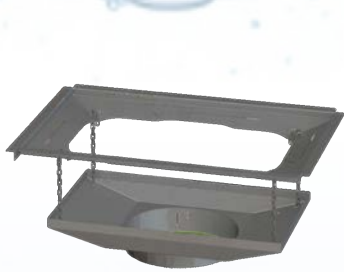
One System. Multiple Solutions.

Gutter Bin[®] stormwater filtration systems



From standard drop inlets to complex channel systems, the Gutter Bin platform delivers a modular stormwater filtration solution that adapts to your infrastructure, not the other way around. Gutter Bin configurations are designed to work interchangeably with Mundus Bag[®] filtration elements and specialized media, allowing you to target specific pollutants today and adjust as conditions change. Performance is tracked through our STREAM mobile app, creating measurable data that drives accountability, better stormwater decision-making and system optimization.

Gutter Bin Platform + Mundus Bag Filter + Optional Media = Measurable Results



Platform options to fit your inlets:

- ✓ Drop Inlet Filters (round, square and rectangular)
- ✓ Curb Inlet Filters
- ✓ Channel Filter System
- ✓ Adaptive Mounting Platform
- ✓ Dry Well Filter
- ✓ Trash Net (end of pipe)
- ✓ Custom configurations

Filters to fit your goals:

- ✓ HDF: Heavy Duty
Filtration for long-term reusability
- ✓ TTC: Total Trash
Capture for CA Full Trash Capture
- ✓ TSS: Total Suspended Solids
- ✓ SHHT: Sediment, Hydrocarbons, Heavy Metals and Trash

Media for pollutants of concern:

- ✓ MYCELX Snippets for hydrocarbon, oil and emulsified oil capture
- ✓ Performer media for heavy metals, TSS, nutrient and PFAS capture
- ✓ NutriLok media for phosphorus and nitrogen capture

STREAM mobile app to track, report and adapt:

- ✓ Track installation, maintenance and pollution collection data for accountability
- ✓ Create performance reports
- ✓ Build insight to inform maintenance, change filtration and spot problem areas

Flow Capacity That Holds Up

Independently tested at Colorado State University: the HDF Mundus Bag conveys 88% to 96% of the flow through the same opening with no filter installed, and still carries 81% to 91% of flow at 75% simulated bag fullness.

HDF Mundus Bag Size	Flow without filter (in cubic feet per second)	Flow with empty bag (in cubic feet per second)	Flow at simulated 75% bag fullness (in cubic feet per second)
9 inch	0.75 cfs	0.72 cfs	0.68 cfs
13 inch	1.40 cfs	1.23 cfs	1.13 cfs
16 inch	2.60 cfs	2.50 cfs	2.15 cfs

Sediment Removal and Retention		
	NJDEP Removal	Street Sweepings
TSS Bag	84%	95%
HDF Bag	58%	74%

CSU-HYD Report No. 2026-5, Colorado State University Hydraulics Laboratory, May 2026. Laboratory conditions, HDF Mundus Bag element. Simulated fullness reflects partial closure of element length, not flow area. Performance is a property of the Mundus Bag element, common across Gutter Bin inlet platforms.

