

# Mundus Bag<sup>®</sup> water filter

## Gutter Bin<sup>®</sup> stormwater filtration system



The Mundus Bag water filter removes trash, microplastics, sediment, heavy metals, nutrients, oil, and hydrocarbons from stormwater and the 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 facilitates manual or vacuum truck cleaning methods
- An 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 with evacuation from top or bottom of bag
- Stainless steel hoop in the top anchor ensures a secure fit with the Gutter Bin
- Removeable, 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 creates 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



**TDS**  
**Trash, Debris & Sediment**  
 0.21mm aperture opening  
 disposable geofabric



**VTF**  
**Vacuum Truck Friendly**  
 0.6 mm aperture opening  
 reusable polypro mesh



**SHHT**  
**Sediment, Hydrocarbons,  
 Heavy Metals, & Trash**  
 MYCELX Performer media

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

**The reusable 16" VTF-MB makes a great beach and river cleanup bag**

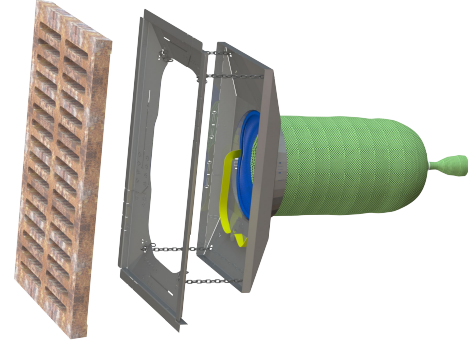
**Call us for a quote today!**

# Mundus Bag data

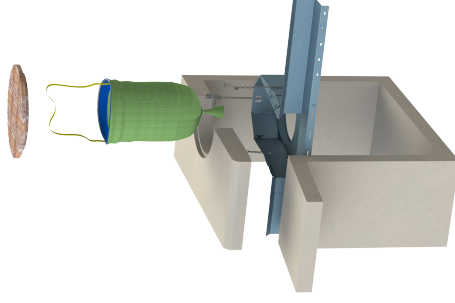
Model (MB-)+	Bag dia (in.)	Capacity of 4' long bag* (cu.ft)	Min/Max length of filter (in)	Aperture size - particle retention (mm)	Load rating of filter bag (lbs)	Hydraulic capacity of empty bag*		Maximum Tension Load (lbs)	Reusable	Approx. Useful Life (months)
						gpm	cfs			
TTC-9	9	1.77	12/48	4.00	132	1,037	138.6	264	Yes	12-24
TTC-13	13	3.69	12/48	4.00	276	2,153	287.8	264	Yes	12-24
TTC-16	16	5.58	12/48	4.00	418	3,447	460.8	264	Yes	12-24
TDS-9	9	1.77	12/48	0.21	132	1,037	138.6	441	Site Specific	4-12
TDS-13	13	3.69	12/48	0.21	276	1,935	258.7	441	Site Specific	4-12
TDS-16	16	1.40	12/48	0.21	104	2,428	324.6	441	Site Specific	4-12
SHHT-9	9	0.44	24/72	0.10	33	media dependent	media dependent	N/A	Partial	12-24
SHHT-13	13	0.92	24/72	0.10	69	media dependent	media dependent	N/A	Partial	12-24
SHHT-16	16	1.40	24/72	0.10	104	media dependent	media dependent	N/A	Partial	12-24
VTF-9	9	1.77	12/48	0.60	132	1,037	138.6	605	Yes	24-36
VTF-13	13	3.69	12/48	0.60	276	1,935	258.7	605	Yes	24-36
VTF-16	16	5.58	12/48	0.60	418	2,428	324.6	605	Yes	24-36

\* Multiply value accordingly for Gutter Bins with multiple Mundus Bag receivers. Note: assumes the Mundus Bag is 4' feet long. Shorter bags can accommodate shallower catch basins.

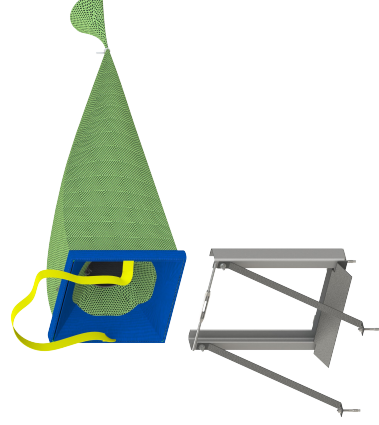
## For use in all Gutter Bin stormwater filtration systems



Drop Inlet Filter - DIF



Curb Inlet Filter - CIF



Channel Filter System - CFS

## Useful Conversions

1 CFM = 7.48 GPM = 28.3 L/min  
 1 gal = 3.79L - 8.34 lbs H<sub>2</sub>O  
 1 m<sup>2</sup> = 10.76 ft<sup>2</sup>  
 1 acre = 43,560 ft<sup>2</sup>/acre  
 1 Bar = 14.5 PSI at sea level  
 1 in = 2.54 cm  
 1 mile = 1.61 km  
 gutter sand SG = 2.2



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