



Proactive Environmental Products®

## GoPro® 700cm<sup>2</sup> .45 Inline Micron Filter

Pine Item #79421

Unit: Each

### DESCRIPTION:

GoPro® filter capsules were engineered with and achieved primary objectives and standards: Quality and batch-coding control, filter media actually designed for turbid water, true to specifications, visibility of samples and media by means of the semi-clear capsule, and independent lab tests that reflect the lowest non-detects possible.

### Why Choose The GoPro® .45 Micron Filters?

A micron rating for a wastewater/groundwater disposable filter relates to its pore size and is a generalized way to indicate the ability of the filter's capacity to capture particles. The smaller the micron rating, the more efficient the filter is with capturing smaller particles.

### FEATURES:

- Each filter capsule is vacuum sealed with a heavy-duty 4mil bag.
- Pump direct into filter: Filter could be used in line with any water pump with correct pressure.
- Gravity feed from bailer directly into filter: Filter could be used as a gravity feed filter for use with disposable bailers (F.E.D (Filter emptying device)). This device is optional.
- Pressurized bailer directly into filter: Filter Could be used with pressurized bailer system.
- Pressurized transfer vessel directly into filter: Filter Could be used with pressurized transfer vessel system with a hand pump.

### APPLICATIONS:

- Groundwater sampling
- Groundwater monitoring
- Filtering metals out of water
- Field or laboratory use

### IDEAL FOR USE WITH:

- Bailers
- Peristaltic pumps
- Bladder pumps
- Submersible pumps
- Water sampling stations



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## TECHNICAL SPECIFICATIONS:

<b>Micron Rating:</b>	0.45µm
<b>Turbidity Level:</b>	Cloudy Liquid: Medium-High
<b>Capsule Material:</b>	Manufactured from 100% virgin polypropylene
<b>Media Filter Material:</b>	Polyethersulphone (PES)
<b>Max Operating Pressure:</b>	60 PSI
<b>Capsule Length:</b>	126 mm or 5 inches
<b>Capsule Diameter:</b>	73 mm or 3.0 inches

## METALS SAMPLING:

ELEMENT	UNITE µg/L (ppb)	ELEMENT	UNITE µg/L (ppb)	ELEMENT	UNITE µg/L (ppb)
Aluminum (Al)	0.09	Gold (Au)	0.012	Silicon (Si)	0.012
Antimony (Sb)	0.032	Indium (In)	0.016	Silver (Ag)	0.018
Arsenic (As)	0.11	Iron (Fe)	0.008	Sodium (Na)	0.084
Barium (Ba)	0.092	Lanthanum (La)	0.008	Strontium (Sr)	0.05
Beryllium (Be)	0.064	Lithium (Li)	0.03	Titanium (Ti)	0.032
Bismuth (Bi)	0.096	Lead (Pb)	0.01	Tellurium (Te)	0.024
Boron (B)	0.68	Magnesium (Mg)	0.014	Thallium (Tl)	0.07
Cadmium (Cd)	0.052	Manganese (Mn)	0.024	Thorium (Th)	0.044
Calcium (Ca)	0.13	Mercury (Hg)	0.016	Tin (Sn)	0.01
Cerium (Ce)	0.19	Molybdenum (Mo)	0.008	Tungsten (W)	0.014
Cesium (Cs)	0.048	Nickel (Ni)	0.008	Vanadium (V)	0.008
Chromium (Cr)	0.008	Niobium (Nb)	0.048	Zinc (Zn)	0.012
Cobalt (Co)	0.032	Phosphorus (P)	0.08	Zirconium (Zr)	0.008
Copper (Cu)	0.024	Potassium (K)	0.064		
Germanium (Ge)	0.028	Selenium (Se)	0.05		



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