

Field Filtration Devices

Geotech In-line Acrylic and Barrel Filter Holders

The Geotech In-line Filter Holders are specifically designed for on-site, rapid filtration of surface or groundwater samples through large diameter flatstock filter membranes.

Acrylic In-Line Filter Holder

Filter holder platesacrylic
 Dispersment discs.....polycarbonate
 Inlet/outlet fittingspolyethylene
 O-ringF.D.A. approved silicone
 Filter support screenspolyester mesh with vinyl border
 Pressure relief valvenylon w/ external stainless steel pegs
 Legsnylon with non skid feet
 Inlet/outlet fittings3/8" NPT by 3/8" hose barb
 Maximum pressure35psi (7-15psi generally recommended for 0.45µm filtration)

102 mm

Filter membrane size102mm diameter (only)
 Filter area3.49" (88.86mm) diameter
 Total height with legs.....13.25"
 Combined height of plates ..1.75" (4.45mm)
 Nylon nut and bolt height2.9" (73.7mm) when engaged
 Clamping device3 swing-a-way bolts (nylon or stainless steel)
 Approx. shipping wt.3.0lbs. (nylon bolts) 3.5lbs. (stainless steel bolts)

142 mm

Filter membrane size142mm diameter (only)
 Filter area4.8" (122.17mm) diameter
 Total height with legs.....13.5"
 Combined height of plates ..1.70" (43.3mm)
 Nylon nut and bolt height2.9" (7.37mm) when engaged
 Clamping device6 swing-a-way bolts (nylon or stainless steel)
 Approx. shipping wt.4.4lbs. (nylon bolts) 5.6lbs. (stainless steel bolts)



102 mm Acrylic In-Line Filter Holder with Stainless Steel Bolts



142 mm Acrylic In-Line Filter Holder with Nylon Bolts

The Geotech Barrel Filter Holder is designed for on-site, manual filtration of surface or groundwater samples using a 0.45µm, 102mm diameter flatstock filter membrane. It is ideal for use in areas where a power supply is not available and in-line filtration is either impractical or impossible. Excellent option when standard, non-pressurized bailers are used for sample collection.



Barrel Filter Holder

Barrel Filter Holder

Filter membrane size.....102mm diameter (only)
 Pre-filter size90mm diameter
 Barrel bodypolycarbonate
 Filter holder plates.....acrylic
 Barrel body top plate.....acrylic
 "L" retaining pinsnylon
 Disbursement disc.....polycarbonate
 O-ringF.D.A. approved silicone
 Filter support screenpolyester mesh with vinyl border
 Quick disconnect assembly....acetal-delrin
 Top plate plugpolypropylene
 Inlet/outlet fittingspolypropylene
 Pressure relief valvebrass
 Tubingmedical grade silicone
 Capacityup to 2.4 liters (2 liters recommended)
 Inlet/outlet fittings3/8" NPT by 3/8" hose barb
 Maximum pressure30psi max. (7-15psi recommended)

Geotech Environmental Equipment, Inc.

8035 East 40th Avenue • Denver, Colorado 80207

(303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242

email: sales@geotechenv.com website: www.geotechenv.com