

# Wet Chemistry: Filters for Oil and Grease

Environmental Express Is Your Source for Filters for Oil and Grease Analysis.



## UltraPrep™ Premium Filters Eliminate the Need For Conditioning with a Polar Solvent such as Methanol!

UltraPrep filters follow EPA 1664 for Solid Phase Extraction of Oil and Grease but eliminate the need for activation! UltraPrep Extraction Filters are embedded with a unique hydrophilic C-18 material that does not need to be kept wetted, making sample filtration easier for the laboratory and eliminating any potential of a co-solvent coming into contact with the sample assuring method compliance.

Similar in design to our tested and proven reliable UltraFlow™ Filters, UltraPrep Filters have a prefilter layer, consisting of coarse glass fibers. The addition of the prefilter layer improves filtration speed and recoveries and eliminates the need for a separate prefilter.

*Performance and comparison data is available on request.*

*UltraPrep Patent Pending.*

Description	Filter Size	Catalog #	Pack
UltraPrep Hydrophilic C-18 Filters w/Prefilter	47mm	GUP047MM	20
UltraPrep Hydrophilic C-18 Filters w/Prefilter	90mm	GUP090MM	15
UltraPrep Hydrophilic C-18 Filters w/Prefilter	100mm	GUP100MM	15

## UltraFlow™ Filters Require Conditioning but Eliminate the Need for a Separate Prefilter.

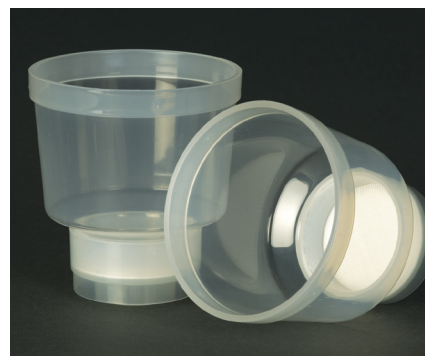
UltraFlow Filters from Environmental Express provide great recoveries, fast flow rates and high solids filtering capacity for EPA 1664 testing. UltraFlow Filters have two layers. The bottom layer, made of fine glass fibers infused with C-18 adsorbent attracts and holds the HEM fractions. The top layer, consisting of coarse glass fibers, improves filtration and eliminates the need for a separate prefilter.

Description	Filter Size	Catalog #	Pack
UltraFlow C-18 Filters w/Prefilter	47mm	G5047MM	20
UltraFlow C-18 Filters w/Prefilter	90mm	G5090MM	15
UltraFlow C-18 Filters w/Prefilter (Horizon® SPE-DEX® disks only)	100mm	G5100MM	15

## UltraLow C-18 Filters are available without the pre-filter layer.

These filters have the same extraction capacity as UltraFlow filters without the added prefilter layer. They use 30% less hexane but may not be suitable for samples containing large amounts of fats, silts, colloidal substances or other suspended material.

Description	Filter Size	Catalog #	Pack
C-18 Filters w/o Prefilter	47mm	G5347MM	20
C-18 Filters w/o Prefilter	90mm	G5390MM	15
C-18 Filters w/o Prefilter	100mm	G5300MM	15
Glass Fiber Prefilter	47mm	FG65047MM	50
Glass Fiber Prefilter	90mm	FG65090MM	50



## UltraFlow and UltraPrep Disposable Filter Funnel Assemblies:

UltraFlow and UltraPrep Filters can be purchased alone or in Filter Funnel Assemblies. The polypropylene, disposable funnel housings have over 250mL capacity. Tests show no measurable extractable levels in the polypropylene housings.

Disposable Funnel for EE StepSaver™  
47mm UltraFlow Filter, 20pk  
Catalog # G5127

Disposable Funnel for EE StepSaver™ with  
47mm UltraPrep Filter, 20pk  
Catalog # GUPF47EES

Disposable Funnel for J.T. Baker® Manifold  
47mm UltraFlow Filter, 20pk  
Catalog # G5247

Disposable Funnel for J.T. Baker® Manifold  
47mm UltraPrep Filter, 20pk  
Catalog # GUPF47JTB



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