



# ERTELALSOP

THE FIRST NAME IN LIQUID FILTRATION

## ALPHA SERIES™ DEPTH FILTER MEDIA

Alpha Series depth filter media formulated with cellulose is specifically designed for use in liquid filtration applications where contact with other media and filter aid components is not allowed. The cellulose of ErtelAlsop Alpha Series™ are listed in the CFR as generally recognized as safe for contact with food as dictated by 21CFR 176.170.

### COMPOSITION

ErtelAlsop Alpha Series™ filter sheets are composed of cellulose only. This allows for the highly efficient removal of particles smaller than the filter's nominal rating.

No resin • No Binders • No Filter Aids

### APPLICATIONS:

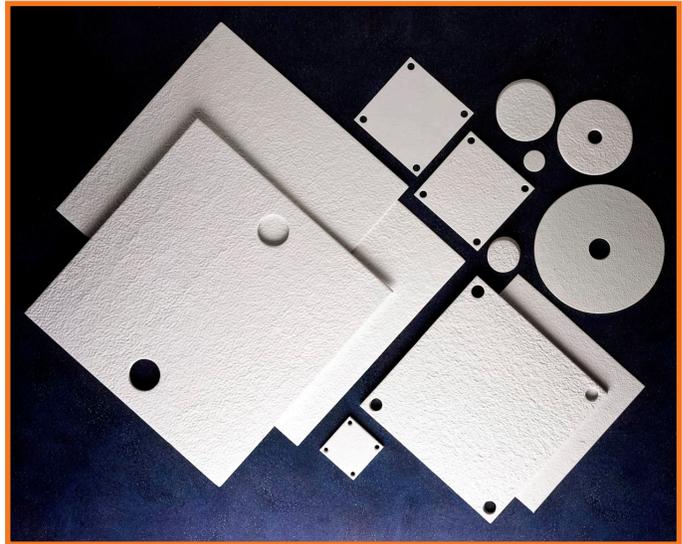
- Food & Beverage
- Pharmaceutical/Biotech
- Cosmetics
- Fragrances & Oils
- Chemicals
- Utilities

### PRODUCT TESTING

Product testing is always available either at your facility, through our network of distributors, or at our in-house laboratory.

### PILOT TESTING - RENTALS

For in-plant testing and scale-up procedures, ErtelAlsop offers a variety of lab filters for rent. A portion of rental fees can be applied to the purchase of your full production filter.



### FORMAT TO FIT YOUR NEEDS

All ErtelAlsop media formulations can be manufactured in formats to fit your application. Filter sheets, discs and Pak® Lenticular Cartridges are all available to provide you with product to optimize your application. ErtelAlsop also manufactures a complete line of filter machinery, from Small Batch and Pilot Scale Lab Filters to Plate and Frame Filters, Sealed Disc Filters and Pak® Lenticular Cartridge Housings.

For over 80 years, ErtelAlsop has been pro actively solving the depth filtration problems of industry. We originated and patented the Pak® Lenticular Cartridge concept. We created the BioClean™ Sanitary Filter Plate Assembly to accommodate the stringent cleaning standards of the pharmaceutical industry. We designed the 1S PharmaScale™ Filter at the request of a customer who needed to duplicate results at the one-inch square level. Most recently, we took the traditional plate and frame concept and literally turned it on its ear. The Diamond Series™ line of Plate and Frame Filter Presses combines weld-free technology for the ultimate in cleanliness with a diamond shape, which allows for complete drainage and venting. Constant innovation has positioned us at the forefront of the industry.

## ALPHA SERIES™ MEDIA

GRADE	NOMINAL RETENTION
140	10µm
160	5µm
175	1µm

The most accurate way to optimize your process is through laboratory scale testing. Samples of Alpha Series™ Media are available at no charge. Authorized ErtelAlsop representatives are equipped to run trials on-site, or product samples may be sent to ErtelAlsop directly for testing with prior approval. Table to the left is for reference only.

FILTER MEDIA

# TYPICAL APPLICATIONS

Pharmaceutical/ Biotech	Blood Fractions, Sera, Cell Culture Media, Active Pharmaceutical Ingredients, Large Volume Parenterals, and Small Volume Parenterals
Food & Beverage	Gelatin, Flavor Oils, Distilled Beverages, Wine, Beer, Soft Drinks, High Fructose Corn Syrup, Flavors
Fragrances & Oils	Cosmetics, Fragrances, Oils, Intermediates for Topical Applications
Chemicals	Silicone Oils, Cutting Oils
Utilities	Circuit Breaker Oils, Transformer Oils, Turbine Lube Oils, Soaps, Detergents, Plating & Etching Solutions, Alcohol, Ethanol, Diesel Fuels, Bio Diesel Fuel

## FILTER MEDIA

ErtelAlsop filter media is available for any application and/or operating condition, and is chosen based on your specific operating conditions, the performance required by the filtering media, and criteria given to us by you and/or by sample processing we do in our lab.

ErtelAlsop offers the widest varieties of filter media including 100% cellulose pads, cellulose and diatomaceous earth pads, cellulose and Celpure® diatomaceous earth pads, cellulose and perlite pads, and cellulose and activated carbon pads.

All filter pads are manufactured to very high standards for a wide range of applications in the pharmaceutical, chemical, cosmetic, electric utility and food and beverage markets. ErtelAlsop also offers a Validation Guide to assist in the validation of its filter pads in your process. The Validation Guide contains information regarding raw materials, extractables, and general information about the product. The combination of ErtelAlsop "P" grade filter pads and ErtelAlsop's BioClean™ plate and frame filter press design, can help to simplify your depth filtration validation now more than ever.



For additional product information visit [ErtelAlsop.com](http://ErtelAlsop.com)

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ErtelAlsop  
PO Box 3358  
Kingston, NY 12402 US

ErtelAlsop.com  
800.553.7835 Telephone  
845.339.1063 Fax

Keep in touch.  
Join our Newsletter to learn about the latest filter best practices and more!

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Your Local Distributor

