

Hall Pyke



Depth Pre Filtration

Zeta Plus™

The SMART choice for filtration

Zeta Plus™

Lenticular Depth Filter Cartridges

Zeta Plus C, CP, S & SP Series filters are a family of advanced depth filters designed to provide optimal clarification of pharmaceutical, biological, bioprocess, cosmetic and food & beverage fluids. Zeta Plus C, CP, S & SP Series filters are composed of inorganic filter aid, cellulose and a resin system that imparts a positive charge to the filter matrix, aiding its adsorption of negatively charged contaminants.

Grade Choice

The Zeta Plus C, CP, S & SP Series filter are available in several grades, that meet the different filtration needs required by your applications. Filtration ratings are given in the following table for the various grades. The optimal filtration system for your particular application can be determined by on-site testing or by sample evaluation by a member of our Scientific Application Support Services group (SASS).

Pharmaceutical CP and SP Grade

Zeta Plus CP and SP media are manufactured following procedures described in 3M Purification's Drug Master Files submitted to the FDA (United States Food and Drug Administration). The characteristics and filtration mechanisms of the CP and SP Grades are the same as the standard C and S Series. The CP and SP Grade has complete product control and traceability. (see Graphic 1)

Features and Benefits

- Depth filtration media designed to retain contaminants by mechanical entrapment and electrokinetic adsorption
High contaminant holding capacity for economical filtration and reliable particle removal
- Full range of scaleable capsule and cartridge filter configurations
Allows pilot testing and scale-up with the same materials that will be used in full-scale systems
- FDA Drug Master File and USP Class VI Biological Safety
Eases validation and regulatory submissions by providing vital documentation and traceability
- Self-contained, single-use disposable capsule and cartridge modules
Reduced labour time for change-outs and capsules eliminate cleaning validation



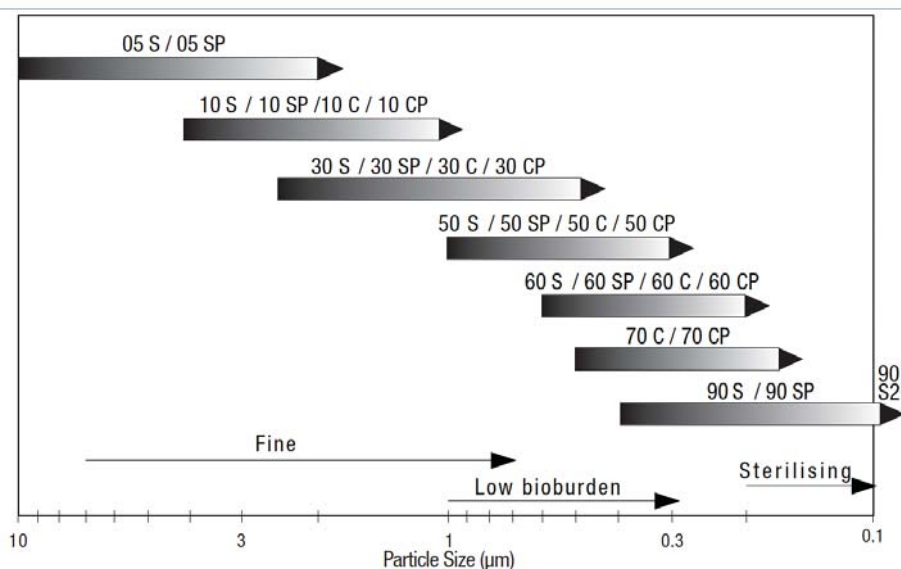
Applications

Zeta Plus C, CP, S & SP Series filters are optimised for clarification of pharmaceutical, biological, bioprocess, cosmetic and food & beverage fluids. Examples of applications include:

- Bio Pharmaceuticals
 - Blood Products
 - Antibiotics
 - Cough Syrups
 - Intravenous Solutions
 - Growth Media
 - Bioprocess Fluid
 - Cosmetics
- Food & Beverages
 - Spirits
 - Water



Graphic 1: Zeta Plus C, CP, S and SP Grade Selection



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www.hallpyke.ie

Head Office, 3A Sunbury Industrial Estate, Ballymount Road, Walkinstown, Dublin 12.
T. +353-1-4501411 F. +353-1-4507960 E. info@hallpyke.ie W. www.hallpyke.ie