DMKC Fluoropolymer Series

KYNAR® PVDF Resin* Melt Blown Filter Cartridges with Cores

DMKC series filters are graded density melt blown type depth filters made from KYNAR® PVDF resin fibers over a robust molded PVDF core. The filters are optionally available on other cores (such as stainless steel), or coreless. These all-fluoropolymer filters provide fine filtration from 0.5 micron to 25 microns, and offer improved compatibility with difficult fluids that would cause many other common filter materials to degrade or swell.

Our innovative production process creates a depth filter with superior performance and consistency. Standard graded density cartridges are available along with custom-gradient configurations. Cartridges are available in lengths to 50" (127 cm) and various diameters to 6" (15.2 cm).

Some typical applications** for the DMKC filter series PVDF filter are nitric acid, sulfuric acid, formic acid, phosphoric acid, hydrochloric acid, acidic plating chemicals, etchants, ozonated water, bleach, hydrogen peroxide, bromine solutions, gasoline, diesel fuels, jet fuels, biodiesel fuels, oils and many organic solvents.

*DMKC series melt blown PVDF depth filters provide reliable removal of particulate contaminants and resist a wide array of acids, oxidizing chemicals, fuels and solvents. ***

Benefits

- Broad chemical compatibility
- Rigid internal core for strength
- Low pressure drop
- High dirt-holding-capacity
- Fixed-pore-structure retains trapped debris
- Controlled process parameters – consistent product
- Made by Delta Pure Filtration in USA

Typical Applications**

- Acids, concentrated acids, hot acids
- Acidic plating chemicals, acid etch solutions
- Ozonated water, oxidizing chemicals
- Petrochemicals – gasoline, diesel fuel, biodiesel fuel, jet fuel, oils
- Many organic solvents, plant derived oils
- Bromine and many bromine chemistries

* KYNAR® resin is a registered trademark of Arkema.

** Compatibility statements are general in nature and filter users should evaluate chemical compatibility on a case-by-case basis.