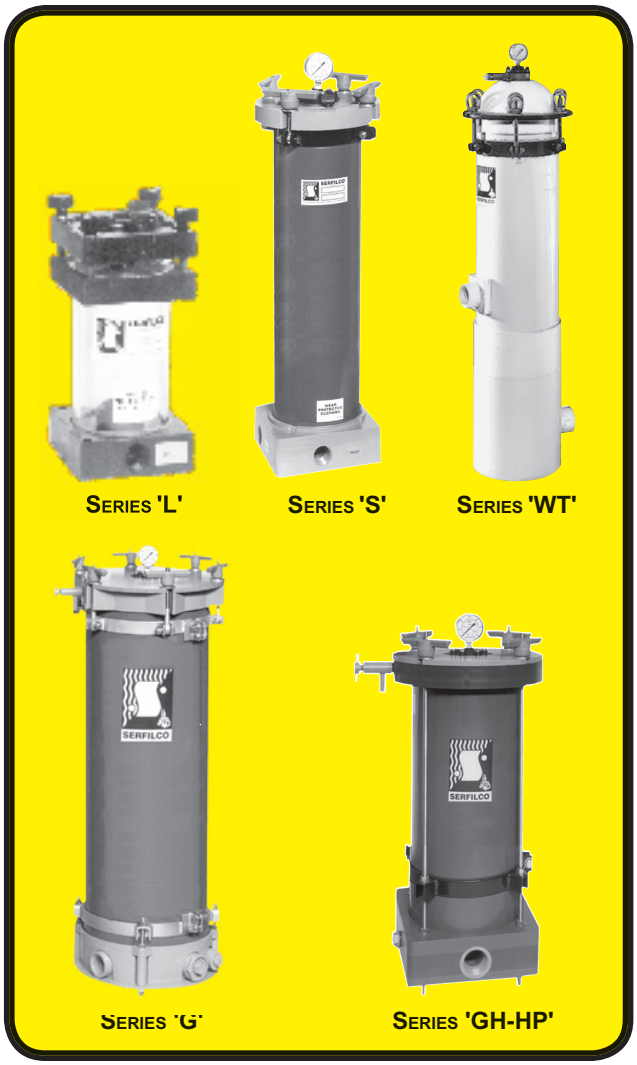

FILTER CHAMBERS & MEDIA

IN LINE AS PRE- OR POST-FILTER FOR:

WATER TREATMENT / FOOD PROCESSING
CLEANING SOLUTIONS / PHOTOGRAPHIC
ELECTROPLATING / CHEMICAL
PETROCHEMICAL / BEVERAGE
PHARMACEUTICAL

...with knife edge for double open end cartridges or 222 "O"-ring seats for single open end cartridges

- **Non-metallic solution contact**
  Suitable for strong acids and alkalies
- **Heavy duty construction**
  For maximum system pressure
  See Temperature/Pressure Chart
- **Variety of sizes available**
  From 1 to 60 cartridges
  (10" or equivalent 20", 30", 40" or 50" lengths)
- **NPT, BSP or flange connections available**

These filter chambers are designed for use in filtering process solutions such as cleaning, electroplating and photographic, where clarification of the solutions will extend their life and improve the quality of the work produced. They are also ideal for the transfer pumping and in-line filtration of bulk liquids prior to tank car loading, drum filling, aerosol packaging, etc.

CORROSION RESISTANT CONSTRUCTION

Units available in acrylic, PVDF (Kynar®), PVC, CPVC, polypropylene, Pyrex® and vinyl-lined fiberglass to handle the strongest acids or alkalies at high temperatures and concentrations. All models are designed for complete non-metallic solution contact. Consult Application Engineering Department for chambers in steel, stainless steel, rubber-lined steel. In each case, corrosion resistance is limited to materials of construction selected, including all components. Corrosion resistance varies at different temperatures.

CAPACITIES

Flow rates will vary according to chamber size and cartridge density, solids concentration, viscosity, pressure drop, and degree of clarity desired. Pressure ratings of filter chambers depend upon the temperature of solutions being filtered.

CHOICE of CARTRIDGE FILTER MEDIA

DEPTH
...for nominal particle retention of .5 to 100 micron. Wound of cotton, polypropylene or mod-acrylic. Consult Application Engineering Department for glass, nylon, Orlon® and other fibers.

PLEATED
...for nominal or absolute particle retention of .1 to 100 micron. Available double open end or with 222 "O"-ring seal.

CLEANABLE SURFACE
. . .for use with filter aid or filter aid with carbon. Permits backwashing of chamber. May be individually cleaned and reused. Constructed of pleated polypropylene, wire mesh, sintered metal, ceramic or polypropylene sleeve.

CARBON
...for adsorption of soluble impurities when using powdered or granular cartridges or refillable canisters for granular carbon.

For bag filter housing see Bulletin C-301.