

For Immediate Release

Filtration Systems Product Revolutionizes Filter Bag Technology

May 23, 2005 -- Sunrise, Florida, USA --Thanks to **Filtration Systems'** patented Hybrid Composite Technology, a bag filter can now clarify liquids to maximum Beta standards at a cost dramatically lower than that of cartridge and membrane systems for similar applications.

The new **Ultrafit Welded 700 HCT Series High Performance Liquid Filter Bags** were developed by Filtration Systems of Sunrise, Florida, USA. Michael A. Goldman, head of product design at Filtration Systems division of Mechanical Mfg. Corporation, characterizes the Series 700 as "the filter bag that performs like an expensive cartridge™." According to the company's certified independent tests, the new product outperforms the most expensive cartridges in the marketplace for literally pennies on the dollar when comparing cost-per-gallons-filtered.

A fundamental feature of this new high-tech product is its structured rigid shape, which moves liquids through filtering media from the inside out. Engineered, nonwoven materials developed in collaboration with Hollingsworth & Vose Company resulted in this innovative, high-performance product.

"Besides generating substantial cost savings for users, the bags outperform cartridges at every level," said Goldman. "The high filtration volume per minute, ease of use and disposal, elimination of vessel cleaning, and perfect-sealing design are some of the reasons the new bags have been so well received."

The **Ultrafit Welded "Super Bag"** integrates four different textile formats, each designed to perform a specific filtration function. The layers are sequenced for maximum rigidity and dirt-holding capacity, laminated together ultrasonically, then welded into a tubular form using the same ultrasonic technology.

Constructed of 100% FDA compliant materials, the product exceeds EPA rules and requirements for *Cryptosporidium parvum* and *Giardia lamblia* cyst reduction from surface water and groundwater. This makes the new filters ideal for processing applications such as water, soft drinks, juice, liquor, beer, wine and other beverages. "The **Ultrafit Welded 700 Series** is an excellent replacement for expensive cartridges or Pre-filtration Membranes for Reverse Osmosis—anywhere that performance must be assured," said Goldman.

Filtration Systems invested almost two years in the product's development and manufacturing innovations and was granted multiple patents and trademarks for the **Ultrafit Welded 700 HCT Series**. The resulting proprietary items include **HCT-Hybrid Composite Technology™**, **PERMEA™**, **IP-Integrated Polymeric Support™**, **Zero-Bypass™** collar, and **Bullet™** basket.

To assure proper sealing and optimum performance, it is recommended that **Ultrafit Welded 700 HCT Series** be used with Filtration Systems' **Over-The-Top™** design filter housings with its **Bullet™** basket.

The privately-owned, family company was founded by Sidney Goldman, president, in the 1970s. His son, Michael, heads product development and marketing at the corporate headquarters and manufacturing facility in Sunrise, Florida.

For more information, visit www.filtrationsystems.com