FILTER INNOVATIONS INC.

ULTRAFILTRATION



- LOW MAINTENANCE/LOW COST
- CONSISTENT PERMEATE QUALITY
- ABILITY TO RECYCLE
- REPRODUCIBLE PERFORMANCE

FEATURES



- REPRODUCIBLE RESULTS



- MECHANICALLY CLEANABLE



- LONG LIFE TUBULAR MEMBRANES

OPTIONS

CUSTOM DESIGN
- Process Requirements
- Space Limitations

PRE TREATMENT
- Particle Filters
- Oil/Water Separator
- pH Contol

TANKS
- Holding Tanks
- Collection Tanks
- Process Tanks

CONTROL PANELS
- PLC
- Digital Displays

POST TREATMENT
- Activated Carbon
- Metal Removing Media
- Reverse Osmosis

ULTRAFILTRATION SYSTEMS

CONSISTENT PERMEATE QUALITY

Ultrafiltration is a closed system. No major hourly or daily variation in discharge of permeate. Variations in feed only result in productivity changes; no compromises in permeate quality.

REPRODUCIBLE PERFORMANCE

Membrane systems are designed for long-term operation; predictable productivity every day. Long membrane life.

LOW MAINTENANCE/LOW COST

Reduced manpower requirements. Competitive with chemical/physical treatment.

ABILITY TO RECYCLE

Reuse process water, mop water, coolants and cleaners.

DESIGN AND IMPLEMENTATION

FILTER INNOVATIONS INC. offers a total application solution approach in which we analyze your waste stream, determine feasibility, pilot-test your stream, and then design and manufacture a full-scale system. We provide complete service and technical support from design concept through the life of your project, including installation, training, and maintenance contracts.

ULTRAFILTRATION BENEFITS FOR INDUSTRY

- **Greatly reduce waste disposal and hauling cost**
- **Automatic operation, requiring virtually no operator attention**
- **Low pressure operation for reduced energy costs**
- **System requires no chemicals; customer avoids storage and mixing of chemicals**
- **Minimal pretreatment required**
- **Long membrane life**

FILTER INNOVATIONS takes a system approach to every project, meaning we not only optimize all system components for the intended application, but we integrate them into a single unit that operates efficiently.

FILTER INNOVATIONS ultrafiltration systems are designed to handle flow rates from 50 gallons per day to thousands of gallons per day.

FILTER INNOVATIONS stands firmly behind every system we supply, with full service and technical support.

FILTER INNOVATIONS Membrane Systems offers high performance ultrafiltration systems for treating a variety of wastewater. FILTER INNOVATIONS UF systems provide effective waste treatment or product recovery for industrial applications, which include:

General Metalworking
Cutting And Grinding Fluid
Primary Metals
Alkaline Cleaners
Mop water
Chemicals
Printing
Flexograhpic Ink

Parts Washers
Power Washers
Waste Collection
Can Making
Air Compressors
Blowdown Water
Textiles
Pulp And Paper
Smoke Scrubber Water

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