

STAR FILTERS



**FILTRATION PRODUCTS FOR
THE BEVERAGE INDUSTRY**

Star Compact Polishing Filter



Model 06-19S/50119002

Standard Features

- Portable, four-wheel, locking-caster design
- Six 47-cm precision-machined and internally ported plates for optimum sealing
- 1-1/2" tri-clamp connections
- Large usable filtration area: 40% more per plate than a 40-cm design
- 304 stainless steel construction with polypropylene plates
- Small footprint: 24" long x 21" wide x 30" high
- 0.5 μ m pads furnished standard
- Expandable to 25-plate design
- Superior stability
- Custom sizes available

For more information, request literature SWF-2.

Star DE Filter

Standard Features

- 304 stainless steel construction with polypropylene plates
- Ten 1-1/2" thick DE plates
- Full 1.7 ft³ of sludge capacity
- 20-1/2 ft² of filtration area
- Expandable to a 20-plate design
- Rugged design
- Custom sizes available
- Superior stability



Model 10-19S/50119005



Model 20-19S/50119007

Star Combination Filter

Standard Features

- Integral crossover plate facilitates two-stage filtration
- 304 stainless steel construction with polypropylene plates
- Ten 1-1/2" thick DE plates
- Ten polishing plates
- Mix and match plates for specific product needs
- Custom sizes available
- Superior stability

Star Filter Press

Filters liquid by way of an inlet manifold, ultimately trapping solids inside the frames.

Standard Features

- Sludge frames of open design
- Stainless steel construction
- Precision-machined plates, frames, and heads
- Closed delivery -- internal porting
- USDA approved
- Raising blocks or casters

For more information, request literature SFP-4.



Ceramic Membrane Crossflow Filter

The alternative to DE filtration



Standard Features

- Retention ratings of 0.2 μm and 0.5 μm
- Crossflow filtration
- Steam sterilizable
- **Stationary, high process-rate models available**



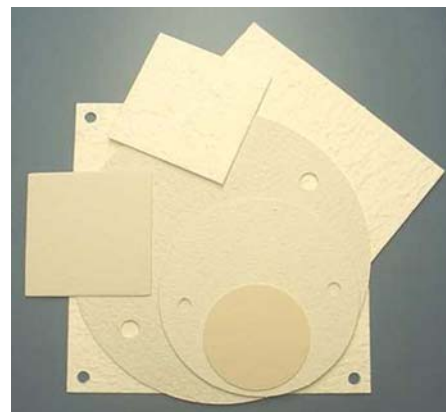
Typical Crossflow System Configuration

Star Depth-Style Filter Media Pads

Depth-style filter pads are a blend of cellulose fibers and diatomaceous earth media.

Standard Features

- Available in eight micron retention ratings (0.2 μm -- 5.0 μm)
- High flow rate and capacity
- High wet tensile strength
- Low extractable levels
- Low media migration
- Non-toxic



A large inventory of various-size die cut sheets is kept in our factory in Elmira, NY.

For more information, request literature SMP-1.

Wastewater Solutions



The HILCO Ceramic Membrane System is an ideal way to lower your filtration costs. The filtration system utilizes high-velocity "crossflow" across the membrane surface. The filter is well-suited for multiple microfiltration (MF) and ultrafiltration (UF) applications.

Fluid Streams Processed: Treatment of general process and wastewater streams. Models are also suitable for CIP cleaning chemical recovery.

For more information, request literature CMS-3.



The Star Filters PolyPress provides low-cost, dependable dewatering of wastewater sludge and process slurries. High-quality polypropylene plates are used to resist corrosion. Star PolyPresses are compact, taking up less floor space, and all hydraulic components are completely enclosed yet easy to access for maintenance.

For more information, request literature SPP-4.

The Hilliard Corporation/Star Filters division is headquartered in the beautiful Finger Lakes Region of New York State. We are proud to have served the filtration needs of our customers for over 100 years!

*The Hilliard Corporation reserves the right to change specifications and dimensions at any time.
Please contact the factory for the most current information.*



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