

Premium Housings

Our newest line of premium stainless steel housings serve as the foundation for our sanitary-industrial, sterile, steam, and liquid filters and are ideally suited for use in such industries as:

- Pharmaceuticals
- Food Processing
- Aseptic Packaging
- Dairy
- Beverage
- Electronics
- Semiconductors
- Laboratories
- Biochemical

Our newest stainless steel filter housings are designed for applications that require the highest grade of purity without experiencing secondary contamination from the oxidation of aluminum housings commonly found in industrial filters. The housings have inlet/discharge connections that range from ½" to 3" and are available in single-element configurations to as many as 25 elements in multiple-element housings. All stainless steel housings come with a mirror polished finish of less than $Ra < 0.4 \mu m$ both internally and externally—far exceeding the 3A Dairy specifications.



Polished inside and out to $Ra < 0.4 \mu m$.

Microdyne Products Corp.

12735 Carrollton Industrial Dr.
Bridgeton, MO 63044
phone: 314.291.5600
fax: 314.344.4422
email: sales@microdyneproducts.com
www.microdyneproducts.com

Specialized Elements

Modular and interchangeable consisting of Sterile Filters, Steam Filters, Prefilters, Coalescing Filters, Activated Carbon, and Liquid Filters.

- **SF-Sterile Filter** — Rated at 100% efficiency at .01 micron and have binder-free Microdyne submicrofiber web with a 90% void volume and a two-stage depth filtration principle. The element media exhibit Zero Migration and Zero Extractables.
- **STF-Steam Filter** — For the removal of dirt, rust, and scale particles in steam applications. 100% relative to a particle size of 30 microns.
- **SI-PF-Pre Filter** — Designed for maximum pre-filtration of larger particulates rated at 100% efficiency @ 1 micron with minimum differential pressures and to extend the service life of micro-filters installed thereafter.
- **SI-CFA-Coalescing Filter/Alpha Series®** — The most effective coalescing filter in this series to remove oil, water, and dirt from compressed air systems. The Alpha Series is capable of removing contaminants .01 micron with 99.99998% efficiency. The special foam socks on the coalescers are resistant to mineral, synthetic, and decomposed oils.
- **SI-CFB-Coalescing Filter/Beta Series®** — For more effective micron retention of oil, water, and dirt from compressed air. The Beta Series filter is designed to trap particulates, .01 micron and larger at an efficiency of 99.9999%.
- **SI-CFC-Coalescing Filter/Gamma Series®** — For the removal of oil, water, and dirt from compressed air systems. Capable of performing with 99.99% efficiency at the .01 micron level of filtration. In applications where compressed air is severely contaminated, it is recommended that CFC filters be installed upstream of the CFA filters, in order to achieve economical operation.
- **SI-ACF-Activated Carbon Filter** — For the elimination of odors from compressed air. The ACF filter is capable of producing compressed air which is 400,000 times more pure than the ambient air in which we breathe and is thus available for such applications.
- **SI-DF-Dust Filter** — Specialized in the removal of rust and dust particulates from compressed air systems.
- **SI-LF-Liquid Filter** — For the removal of contaminants in liquid systems.



Microdyne Products Corp.

12735 Carrollton Industrial Dr.
Bridgeton, MO 63044
phone: 314.291.5600
fax: 314.344.4422
email: sales@microdyneproducts.com
www.microdyneproducts.com