







Company Overview

STRAINRITE designs and manufactures advanced liquid filtration solutions engineered to maintain product integrity, process consistency, and operational efficiency. Leveraging decades of application-specific expertise, our portfolio addresses critical requirements across diverse industries including biopharmaceutical, semiconductor, food & beverage, chemical processing, and water treatment. Domestic manufacturing in our ISO 9001:2015 facility, combined with responsive technical support and application consultation, ensures reliable supply and consistent quality. From bench-scale evaluation to full-scale production, Strainrite delivers validated solutions that reduce risk, minimize downtime, and optimize total cost of ownership.

THE STRAINRITE PRODUCT LINE

Filter Bags	Membrane/Depth Cartridges	Large Diameter Cartridges	Single-Use Capsule	Lab Scale Single-Use Capsule	Housings & Vessels
					

We also specialize in engineered systems, including custom manifolds and specialty vessels, designed to meet unique process demands

Why Strainrite?

- Consultative application support focused on process outcomes
- U.S. manufacturing for short lead times and reliable supply, made at our 81,000 sq/ft facility in Auburn, Maine
- Scalable solutions from pilot to production with rapid customization
- Comprehensive product portfolio covering all stages of the filtration process, including sterile liquid & gas
- Over 47 years of experience, family owned since 1978

Strainrite brings together science, service, and speed—delivering proven filtration technology and responsive support to keep critical processes running with confidence.

Contact Our Filtration Experts Today for a Consultation and Additional Information

Toll-Free: 1-800-487-3136 (207) 376-1600 info@strainrite.com www.strainrite.com

Regulatory and Quality Commitments



Clean-in-Place (CIP) Systems— Filtration Solutions



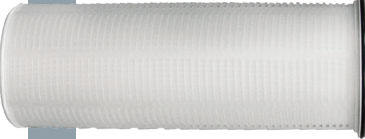

CIP systems in processing plants face critical challenges that impact product quality, operational efficiency, and regulatory compliance. Microbiological contamination during sterilization can compromise entire batches, while traditional filters often fail after repeated hot water and steam exposure. Inefficient air venting creates pressure inconsistencies that interrupt automated sequences, and fiber-shedding filters introduce particulate contamination during cartridge changes. High-volume clarification demands exceptional dirt-holding capacity to prevent costly production delays.

Strainrite's CIP-specific portfolio addresses these exact challenges through engineered solutions. The **Pur-MAXX E-SG** withstands multiple autoclave cycles while delivering validated 0.2 µm sterile filtration. **Vent-MAXX PTFE** filters ensure reliable system venting and air sterilization with in-situ steam capability. **MAXX Flow's** inside-out architecture retains contaminants within the filter during removal, eliminating re-contamination risks. **Poly-MAXX's** thermally bonded construction minimizes extractables that affect taste profiles. Together, these solutions reduce downtime, lower operating costs, maintain compliance, and protect product quality throughout CIP operations.

Comprehensive Regulatory Standards

- ✓ **ISO 9001:2015 Certified** Quality Management System
- ✓ **GMP Certified** Good Manufacturing Practices
- ✓ **ISO Class 7** Validated Clean Room manufacturing
- ✓ **USP Class VI** Biological Reactivity Testing Compliant
- ✓ **Steam Sterilization Validation** Multiple cycle durability
- ✓ **100% Integrity Testing** Factory-tested performance

Product Application & Benefits

PRODUCT	CIP PROCESS	KEY BENEFITS
 <p>Pur-MAXX E-SG Dual Layer Pleated Polyethersulfone Membrane Sterilizing Grade Cartridge</p>	<p>Hot Water Sterilization & Aseptic Filling</p>	<ul style="list-style-type: none"> • 0.2 µm absolute-rated dual layer membrane, validated for complete removal of <i>Brevundimonas diminuta</i> (ATCC 19146) at test concentrations of 107 CFU/cm² • Designed for repeated autoclaving in multiple steam cycles • All materials of construction are bio-safe in accordance with USP Class VI
 <p>Vent-MAXX Sterilizing PTFE Membrane Vent Filter</p>	<p>CIP System Venting & Air Sterilization</p>	<ul style="list-style-type: none"> • Validated for filtration of sterile liquid & gas • Double layer sterilizing grade PTFE removes microorganisms & moisture • Ensures system protection during CIP cycles • 100% integrity-tested filter conforms to FDA CFR Title 21 compliant
 <p>MAXX Flow Large Diameter Pleated Depth Cartridges</p>	<p>Holding Tank & Centrifuge Clarification</p>	<ul style="list-style-type: none"> • Flows up to 500 GPM per 60" element with 99% rated media for consistent and repeatable performance • Inside-out flow retains contaminants during change-outs • Extended surface area ensures longer service life • High dirt holding reduces downtime and costs
 <p>Poly-MAXX Polypropylene Pleated Depth Cartridges</p>	<p>Incoming Water Polishing & Final Filtration</p>	<ul style="list-style-type: none"> • 100% Polypropylene construction, FDA CFR Title 21 and USP Class VI compliant • Low pressure drop yields higher flow rates • Expansive chemical compatibility for demanding applications • Greater surface area reduces operating costs