SAINT-GOBAIN MEDICAL

CASE STUDY

SYSTEM-LEVEL OPTIMIZATION FOR **FLUID MANAGEMENT ASSEMBLIES**

THE APPLICATION

- In vitro diagnostic (IVD) equipment for tissue pathology

THE CHALLENGE

- Filter must eliminate precipitation artifacts to ensure the resulting tissue slide is suitable for accurate clinical review and diagnosis
- Tubing must demonstrate compatibility against a diverse array of chemicals/solutions while maintaining dynamic mechanical performance within the IVD system
- The filter-tubing assembly must be simplified to eliminate extraneous components, mitigate leakage points, and optimize performance
- The updated design must also remove PFAS

SAINT-GOBAIN SOLUTION AND CUSTOMER BENEFITS

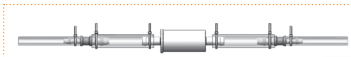
Performed system-level optimization. Considered tubing, filter, and fittings as an integrated assembly rather than individual components.

1. Broad offering of tubing formulations supported by ISO 10993 and chemical compatibility testing
2. BarbLock® Ultra-Secure Retainers provide 360° leak-free connection
3. Filter material and EFA optimized to achieve ideal performance
4. Extensive library of inlet/outlet fittings ensures filter is suited for assembly integration and eliminates costly adapters

Saint-Gobain Medical can help **develop solutions to transform** your business.

Our customers rely on our **expertise to implement tailored solutions** that significantly improve their operations and set the stage for future success.

Contact us today to start your journey towards optimized results and lasting success.



Assembly with Standard Components

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