

CHROMATOGRAPHIC SPECIALTIES INC.

Ahlstrom-Munksjö ReliaMAX™ High Capacity Syringe Filters



Finally, a cost saving alternative to Whatman GD/X Syringe Filters!

Ahlstrom-Munksjö offers a range of advanced syringe filters that include multi-layered custom prefilters for difficult matrices.

ReliaMAX™ syringe filters contain prefilters specifically developed to increase the efficiency of laboratory microfiltration by reducing the number of steps needed to process samples and solutions with either a high particle load or a high viscosity. ReliaMAX™ includes high quality nylon and PTFE membranes available in 0.2µm and 0.45µm pore sizes for increased flexibility in sample filtration depending on final application.

Internal testing shows that ReliaMAX™'s filter design performs better than syringe filters containing a membrane with a single layer prefilter and comparably with competitive syringe filters containing multi-layer prefilters when filtering standardized solutions.

Benefits of Multi-Layer Prefilters

- **High particle holding capacity** – larger amount of particles can be captured prior to clogging the membrane
- **Fast initial flow** – the structure of ReliaMAX™ offers excellent flow with viscous samples
- **Low resistance to pressure** – fast and efficient filtration even with low pushing pressure
- Available in 0.2 µm and 0.45 µm pore sizes in both nylon and PTFE

Applications

- Clarification of solutions
- Removal of particles
- Sample preparation

Specifications

- Hold-up Volume < 400 µL
- Housing – Polypropylene
- Inlet / Outlet – Female Luer Lock / Male Luer Slip



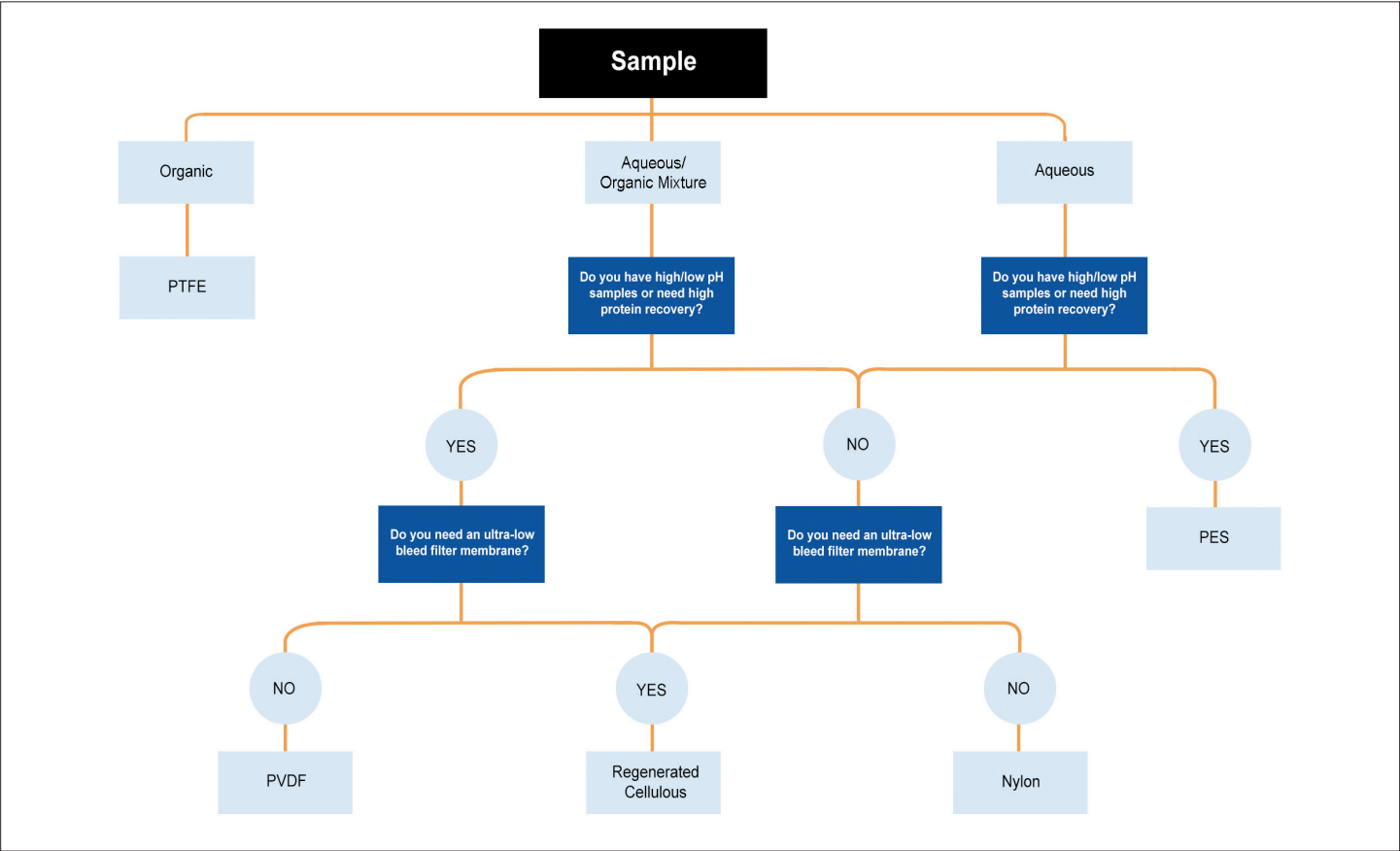
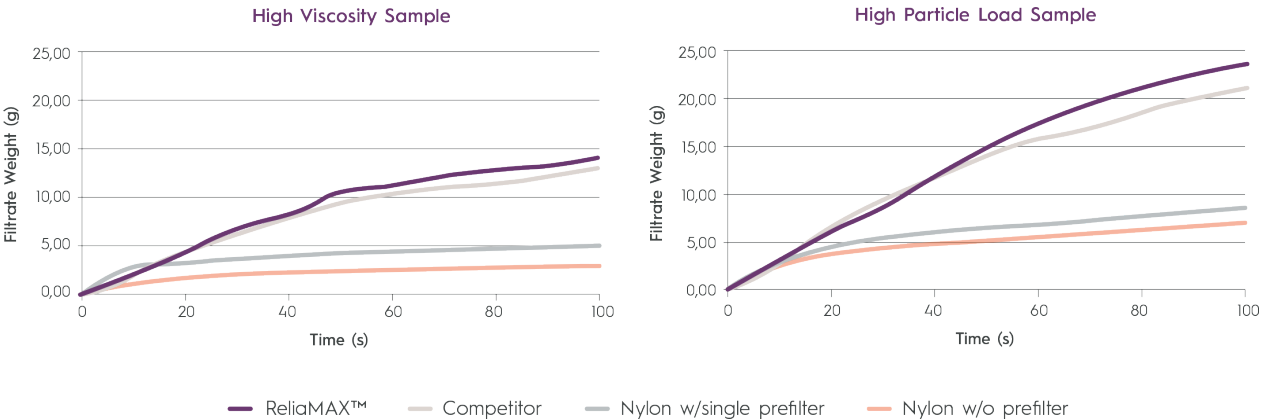
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Characteristics and Benefits

Ahlstrom-Munksjö’s expertise in creating filtration media is designed into this advanced syringe filter which contains two of their microfibre glass filter media providing a total of three layers of decreasing porosity to better capture larger particles before they reach the more easily blocked polymeric membrane filter.

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Product Number	Size (mm)	Membrane Type	Pore (µm)	Equivalent Whatman Product Number	Pkg. 100
HL7X7531	25	Nylon	0.20	68702502	\$232.00
HL7X7532	25	Nylon	0.45	68702504	232.00
HL7X7539	25	PTFE	0.20	68742502	232.00
HL7X7512	25	PTFE	0.45	68742504	232.00



CSI has access to many other types and sizes of syringe filters. Contact our Technical Support Team to discuss your particular needs.