



Grade 9390-F

Liquid Filtration

LyPore® high-efficiency microglass filtration materials remove micron-sized particles from fluids. When designed into filters LyPore® media deliver absolute retention efficiency of critical contaminants with high particulate capacity.

Typical Properties	USA Units		Metric Units	
Rating	0.5	micron	0.5	micron
Basis Weight	52	lbs/3000 ft ²	85	g/m ²
Caliper 8psi	18	mils	0.45	mm
Resistance	89	mm	872	Pa
Dirt Holding Capacity	18	mgs/in ²	2.8	mgs/cm ²
Mean Flow Pore	1.8	micron	1.8	micron

Features/Advantages:

- High efficiency removal of colloidal particles from fluids
- Absolute (>4 log) cyst removal
- Standard latex acrylic binder system
- Low extractables/Compatible with USP Class VI testing for finished cartridges
- All raw materials comply with FDA 21 CFR requirements for indirect food additives
- Easily wound or pleated
- Available with a variety of laminated scrims for added strength

Applications:

- Biopharmaceutical Processing/Pre-filtration and Clarification
- Drinking Water Purification/Cyst Removal
- High Efficiency Pre-filter for Membranes
- Food and Beverage Processing
- Filtration of Fine Particulate from
 - Inks
 - Brine Sea Water
 - Industrial Fluids
 - Photographic Chemicals