



Grade 9103

Liquid Filtration Engine/Industrial/Separation

LyPore® XL is a long life dual layer microglass media that is optimized for maximum dirt holding capacity. The media has low flow resistance with low initial pressure drop and excellent Beta stability. LyPore® XL utilizes Lydall's unique **Epoxy Binder System** for outstanding fluid compatibility while withstanding high fluid temperatures.

Typical Properties	Standard Units		Metric Units		Test Methods
Basis Weight	60	lbs/3000 ft ²	100	grams/m ²	T.A.P.P.I.-T-410 A.S.T.M.-D-646
Thickness	21	mils	0.51	mm	T.A.P.P.I.-T-411
Efficiency (Flat Sheet)					
Beta 200	4.4	micron		micron	ISO-16889
Beta 1000	5.4	micron		micron	ISO-16889
Dirt Holding Capacity (Flat Sheet) 2 bar	78	mg/in ²	122	grams/m ²	ISO-16889
Dirt Holding Capacity (Flat Sheet) 5 bar	108	mg/in ²	168	grams/m ²	ISO-16889
Air Resistance	13	mm H ₂ O	128	Pa	MIL-STD-282 A.S.T.M.-D2986-91
Air Permeability	11	cfm	5.6	cm ³ /cm ² /s	T.A.P.P.I.-T-251
Mean Flow Pore	6.6	micron	6.6	micron	Coulter Porometer
Max Pore	12.9	micron	12.9	micron	Coulter Porometer

Features/Advantages:

- Basis Weights and Thicknesses can be Customized for Specific Applications
- Easily Wound or Pleated, Depending on Customer Design
- Extended Filter Life
- Performance can be Enhanced With Additives for Specific Applications
- Superior Performance and Lot-to-Lot Consistency
- Useful for a Wide Range of Applications

Applications:

- Hydraulic Oil/Lubrication Elements
- Jet Fuels
- Air/Oil Coalescing Filters
- Industrial Liquids/Critical Process Fluid Filters
- Food and Beverage Processing
- Home and Industrial/Commercial Water Purification
- Pharmaceutical Product Processing
- Exceptional Efficiencies and Higher Dirt-Holding Capacities.

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All data and statements concerning these products may be considered as being indicative of representative properties and characteristics obtainable. Since industry practices vary, we make no warranty, express or implied, concerning their use, nor do we accept responsibility.

Creating New Definitions of Performance.

 **Lydall**
FILTRATION