

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	23	mils	0.56	mm	T.A.P.P.I.–T-411
Efficiency (Flat Sheet)					
Beta 200	8.3	micron		micron	ISO-16889
Beta 1000	11.7	micron		micron	ISO-16889
Dirt Holding Capacity (Flat Sheet) 2 bar	59	mg/in ²	92	grams/m ²	ISO-16889
Dirt Holding Capacity (Flat Sheet) 5 bar	79	mg/in ²	123	grams/m ²	ISO-16889
Air Resistance	6	mm H ₂ O	59	Pa	MIL-STD-282 A.S.T.M.–D2986-91
Air Permeability	23	cfm	12	cm ³ /cm ² /s	T.A.P.P.I.–T-251
Mean Flow Pore	13	micron	13	micron	Coulter Porometer
Max Pore	36	micron	36	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.