



## Grade 9112

### Liquid Filtration Engine/Industrial/Separation

**LyPore® 9112** microglass filtration media 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® 9112 microglass filtration media utilizes Lydall's unique **Epoxy Binder System** for outstanding fluid compatibility while withstanding high fluid temperatures.

Typical Properties	USA Units		Metric Units		Test Methods
Basis Weight	61	lbs/3000 ft <sup>2</sup>	102	grams/m <sup>2</sup>	T.A.P.P.I.-T-410 A.S.T.M.-D-646
Thickness	27	mils	0.66	mm	T.A.P.P.I.-T-411
Efficiency (Flat Sheet)					
Beta 200		micron		micron	ISO-16889
Beta 1000		micron		micron	ISO-16889
Dirt Holding Capacity (Flat Sheet) 2 bar		mg/in <sup>2</sup>		grams/m <sup>2</sup>	ISO-16889
Dirt Holding Capacity (Flat Sheet) 5 bar		mg/in <sup>2</sup>		grams/m <sup>2</sup>	ISO-16889
Air Resistance	0.5	mm H <sub>2</sub> O	5	Pa	MIL-STD-282 A.S.T.M.-D2986-91
Air Permeability	240	cfm	122	cm <sup>3</sup> /cm <sup>2</sup> /s	T.A.P.P.I.-T-251
Mean Flow Pore	40	micron	40	micron	Coulter Porometer
Max Pore	107	micron	107	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.