



Grade SC9010

Liquid Filtration

LyPore® SC is a highly uniform synthetic composite platform for liquid filtration. The gradient density design provides low resistance and extended filter life for high throughput applications. Engineered for superior processing on pleating equipment, LyPore® SC delivers high production efficiency and filter quality. Raw materials conform to applicable pharmaceutical, food and beverage and potable water industry standards.

Typical Properties	Standard Units		Metric Units	
Basis Weight	66	lbs/3000 ft ²	109	g/m ²
Thickness @ 8psi	27	mils	0.686	mm
Frazier	160.0	cfm	80.0	cm ³ /s cm ²
Mean Flow Pore	24.0	µm	24.0	µm

Features/Advantages:

- Gradient density design with integral pre-filter and efficiency layers
- Durable 100% synthetic construction combining polypropylene and polyester fibers
- Optimized for efficient processing on industry pleating equipment
- High flow rates/Low pressure drop
- Extended filter life/High dirt holding capacity
- All raw materials comply with FDA 21 CFR requirements for indirect food additives

Applications:

- Home and Industrial/Commercial Water Filtration
- Biopharmaceutical Processing/Pre-filtration
- Membrane Pre-filter
- Industrial Liquids/Critical Process Fluid Filters
- Food and Beverage Processing