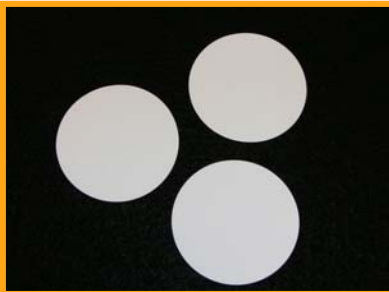


PRODUCT OVERVIEW



MICROPOROUS MEMBRANES

- ◇ **Modified Polyethersulfone (PES):** PES membrane is a highly microporous membrane composed of modified polyethersulfone, a tough, durable, and temperature-resistant aromatic polymer membrane providing high flow rate, low extractables, and greater mechanical strength than competitive membranes. This membrane is specifically designed for biological, analytical, electronic, pharmaceutical, beverage, and sterilizing filtration applications. It is inherently hydrophilic as standard, but can be made hydrophobic upon request.
- ◇ **Nitrocellulose (NT):** A 100% pure nitrocellulose membrane that is specifically designed for colony and plaque lifts, plasmid screening, and blotting applications, carefully controlled to provide high recovery rates for transformed bacteria. Although it is an unsupported membrane, it has great strength providing easy handling and assuring the membrane will not become brittle and tear during use.
- ◇ **Polyvinylidene difluoride (PVDF):** Hydrophobic and versatile, this 100% high temperature resistant polyvinylidene difluoride membrane is designed to provide strength, flexibility and chemical compatibility to meet the rigorous and demanding requirements of chemical filtration applications. Incorporated with no wetting agents, this membrane is also an ideal cost-effective alternative to polytetrafluoroethylene membrane to prevent moisture blockage in venting and gas filtration.

Microporous Membrane Materials

	Modified Polyethersulfone	Nitrocellulose	Polyvinylidene Difluoride
Nominal Pore Size	.03, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2 and 5.0 μm	0.1, 0.2, 0.45, and 0.65 μm	0.2 μm

- ◇ Standard and custom-cut sizes
- ◇ Each membrane can be customized to meet your specific size and application requirements
- ◇ Available in slit roll stock, sheets, and cut discs

PolyStar Technologies
P. O. Box 2006
Peachtree City, GA 30269

Phone: 770.632.1145
polystar-technologies.com

