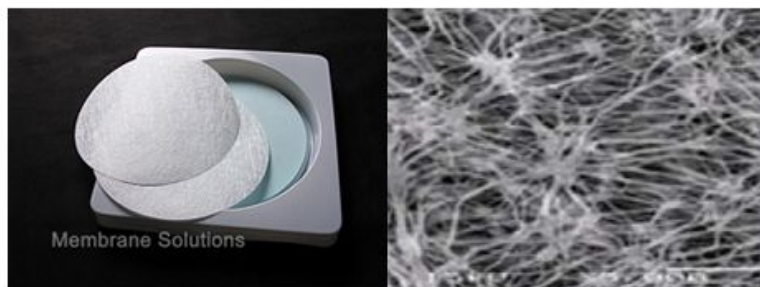


MS® PTFE Disc Membrane



Product Description:

MS PTFE membrane media for filtration is made of PTFE (polytetrafluoroethylene), and were drawn 2-dimension. It is micro-pore film. The PTFE membrane was laminated with a great variety of fabric and paper. They are new filter media. Applied to extensive industries, including pharmacy, biochemistry, microelectronic, and lab material and etc. Directly and indirectly related to pharmacy, brewing, manufacture of pure water and special need water, beverage and dairy, chemical reagent, biochemical reagent, air filtration of fermentation tank in microelectronic, purification and filtration in microelectronic plants, filtration and separation of antibacterial fluid, production of medicine, air conditioning of hospitals and commercial buildings.

Features and Benefits:

- PTFE membrane with supporting layer polyester or polypropylene.
- The PTFE membrane can effectively filtrate microorganism and other particulates.
- Wide chemical compatibility
- High temperature resistance
- Low starting resistance

Applications:

- Filtration of strong acids and aggressive solutions
- Venting applications
- Phase separations
- Aerosol samplings

Technical Parameter:

Item	Substrate	Thickness (μm)	Pore Size (μm)	Bubble Point In IPA(MPa)	Air Perm(m ³ /m ² hr) (ΔP=0.01MPa)	Maximum Temperature(°C)
PTFE	PP	160±10	0.45	0.08-0.13	500-800	150-170
PTFE	PP	160±10	0.22	0.14-0.16	300-500	150-170
PTFE	PET	140±10	0.45	0.08-0.14	500-800	250
PTFE	PET	140±10	0.22	0.14-0.18	300-500	250

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