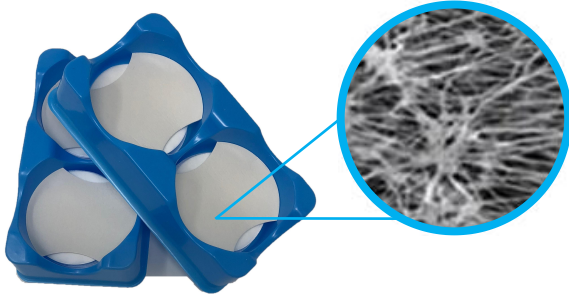


PTFE Membrane Disc Filters



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 great variety of fabric and paper. Applied to extensive industries, including biochemistry, microelectronic, 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 PTFE

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

Applications PTFE

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

Specification

Membrane Material	Support	Pore Size (μm)	Average Bubble Point (Mpa)	Flow Rate (25°C)Δp:0.07Mpa (mL/min/cm ²)	Thickness (μm)
PTFE Hydrophobic	PP	0.1	0.2-0.22(Alcohol)	4-8	140-190
		0.22	0.13-0.17(Alcohol)	17-22	
		0.45	0.08-0.12(Alcohol)	35-45	
		1	0.04-0.06(Alcohol)	50-70	
		3	0.03-0.04(Alcohol)	90-120	
		5	0.02-0.03(Alcohol)	250-320	
PTFE Hydrophilic	PP	0.22	0.34-0.45(Water)	10-18	140-190
		0.45	0.2-0.3(Water)	25-35	
		1	0.12-0.15(Water)	45-65	

PTFE Membrane Disc Filters

Part Number	Description
PTFE-022-2500	Membrane Filter PTFE Hydrophobic (0.22µm)25 mm (200/pk)
PTFE-022-3700	Membrane Filter PTFE Hydrophobic (0.22µm)37 mm (200/pk)
PTFE-022-4700	Membrane Filter PTFE Hydrophobic (0.22µm)47 mm (200/pk)
PTFE-022-9000	Membrane Filter PTFE Hydrophobic (0.22µm)90 mm (100/pk)
PTFE-022-0142	Membrane Filter PTFE Hydrophobic (0.22µm)142 mm (50/pk)
PTFE-045-2500	Membrane Filter PTFE Hydrophobic (0.45µm)25 mm (200/pk)
PTFE-045-3700	Membrane Filter PTFE Hydrophobic (0.45µm)37 mm (200/pk)
PTFE-045-4700	Membrane Filter PTFE Hydrophobic (0.45µm)47 mm (200/pk)
PTFE-045-9000	Membrane Filter PTFE Hydrophobic (0.45µm)90 mm (100/pk)
PTFE-045-0142	Membrane Filter PTFE Hydrophobic (0.45µm)142 mm (50/pk)
PTFE-10-2500	Membrane Filter PTFE Hydrophobic (1µm)25 mm (200/pk)
PTFE-10-3700	Membrane Filter PTFE Hydrophobic (1µm)37 mm (200/pk)
PTFE-10-4700	Membrane Filter PTFE Hydrophobic (1µm)47 mm (200/pk)
PTFE-10-9000	Membrane Filter PTFE Hydrophobic (1µm)90 mm (100/pk)
PTFE-10-0142	Membrane Filter PTFE Hydrophobic (1µm)142 mm (50/pk)
PTFE-30-2500	Membrane Filter PTFE Hydrophobic (3µm)25 mm (200/pk)
PTFE-30-3700	Membrane Filter PTFE Hydrophobic (3µm)37 mm (200/pk)
PTFE-30-4700	Membrane Filter PTFE Hydrophobic (3µm)47 mm (200/pk)
PTFE-30-9000	Membrane Filter PTFE Hydrophobic (3µm)90 mm (100/pk)
PTFE-30-0142	Membrane Filter PTFE Hydrophobic (3µm)142 mm (50/pk)
PTFE-50-2500	Membrane Filter PTFE Hydrophobic (5µm)25 mm (200/pk)
PTFE-50-3700	Membrane Filter PTFE Hydrophobic (5µm)37 mm (200/pk)
PTFE-50-4700	Membrane Filter PTFE Hydrophobic (5µm)47 mm (200/pk)
PTFE-50-9000	Membrane Filter PTFE Hydrophobic (5µm)90 mm (100/pk)
PTFE-50-0142	Membrane Filter PTFE Hydrophobic (5µm)142 mm (50/pk)

Table 4.1. PTFE Membrane Disc Filters part numbers. Please, contact with us for Hydrophilic PTFE Membrane Disc Filters.