

POLYPROPYLENE NOMINAL MEMBRANE FILTERS

Polypropylene as filtration media offers broad chemical compatibility and with very low levels of extractables. Sterlitech offers nonwoven polypropylene prefilters with nominal pore size ratings.

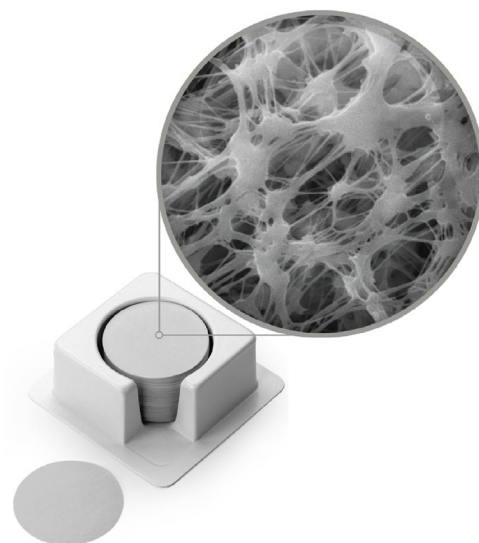
Biologically and chemically inert, polypropylene prefilters are suited for the prefiltration of most solvent, acid, and aqueous solutions. Their multilayer construction maximizes dirt holding capacity while improving resistance to surface blinding. These nominal-rated prefilters reduce cost and increase process efficiency by extending the life of the final membrane filter in a series or serving as a final filter for noncritical samples.

Polypropylene prefilters can be safely disposed of by incineration. Unlike PTFE and PVDF filters, polypropylene filters will not release harmful fluorine compounds.

SPECIFICATIONS

GENERAL			
Sterilization	Ethylene Oxide		
USP Class VI Testing	Passed		
pH Range	1-14		
Max. Operating Temp.	185°F (85°C)		
PERFORMANCE BY PORE SIZE			
Nominal Pore Size	Thickness (µm)	Frazier Air Permeability (L/sec.m2 at 200Pa)	Water Bubble Point (kPa)
0.2 µm	170	3.7	11.9
0.45 µm	203	9.4	10.2
1.2 µm	305	23	3.5

¹ Polypropylene nominal prefilters are not intended for microbial retention



APPLICATIONS

- Prefiltering aqueous, acidic, and solvent solutions
- Final filtration step to remove large particles
- Food & Beverage: Compliant for food contact under the applicable regulations in 21CFR177