

Parameters	17mm	30mm
Housing material	Virgin Medical Polypropylene	
Effective Filtration area (cm ²)	1.65	5.39
Pore Size (µm)	0.22, 0.45.....	
Holdup volume (µl)	<25	<100
Sample volume (ml)	<20	<200
Inlet connection	Female luer lock	
Outlet connection	Male luer slip	
Maximum Operating Temperature	50°C	50°C
Maximum Operating Pressure	6 bar	6 bar



How to select your sample preparation device?

➤ Step 1: Choose the suitable membrane filtration medium Characteristics of samples

Solutions	Recommended
Solvent Mixtures	Nylon, MCE
Tissue culture Media, Buffers, Protein Analysis/ Biological Samples	CA, PVDF, PES
High Particulate Loads	With GF or PP pre-filter
Aggressive or Pure Organic Solvents	PTFE, PVDF

➤ Step2: choose the suitable diameter

Volume of samples	
<20ml	<200ml
17mm	30mm



➤ Step 3: Choose the suitable pore size based on the nature of your sample

- Removal of high particulate matter with a glass fiber pre filter is critical before any drug, toxic, or dirty environmental sample is filtered to ensure the highest syringe filter membrane performance.
- Generally, 0.45 µm porosity filters are used to remove particulates from samples and mobile phase solutions. For sterile-filtration, a 0.20 µm porosity filter can be used.