

Filtration Hints

1

Syringe Filtration

SyringeFilter SFPVDF025022N \$1.00each

[../pdf2/SyringeFilter-Overall_1-18.pdf](#)

Faster speed

use a SyringePump NE300 \$450
and Syringe Heater

constant 20Kg
Thrust

[../pdf2/NE-300.pdf](#)



Membrane Material . . . preferred

PVDF : oils (hydrophobic)

PES : Aqueous (hydrophylic)

for Max Sterility use 0.2um pore but 0.45um faster
Sample throughput depends on liquid viscosity
+20degC increase speed by x2



Norm-ject Syringe

30ml LuerLokPlastic 22777 \$1.60each

[../pdf2/Norm-Ject.pdf](#)

Syringe Heater Kit



Heater-Kit-1LG \$545

[../pdf2/NE-SyringeHeaterKit.pdf](#)

2

Vacuum Filtration

Vac-uFill VFPPVDF145250

\$26.00each 47mm filter

90mm Now available

pre-filter now available



[../pdf2/Vacufil-013_Disposable_Vacuum_Filtration.pdf](#)

Filtration Products generally see MS Catalog *

www.chromtech.net.au/flip/catalogs/membranesolutions/

Max Vacuum Filtration 250mmHg
Or plastic may implode

[../pdf2/HandVacuumPump.pdf](#)



MityVac Hand VacPump

12MV8010 \$135.00

Glass Filtration System



VPJ0332 VFG03000 \$295

Membrane Filter MFPVDF047022 \$140 per 200-pk

3

FASTCap Filtration

in PES Only : preferred aqueous
hydrophylic - some "oils" Only

[../pdf2/VacuCap_1-6](#)



VacuCap CT-4622 75mm
or FASTCap \$36.00each



Typical SetUp
+ Lab glassware