

Filtration Hints

1

Syringe Filtration

SyringeFilter SFPVDF025022N \$1.00each
[../pdf2/SyringeFilter-Overall_1-18.pdf](#)

Faster speed

use a SyringePump NE300
 ~\$550 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

~\$30.00each 47mm filter

90mm Now available



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

Filtration Products generally see MS Catalog *

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

Glass Filtration System

Max Vacuum Filtration 250mmHg
 Or plastic may implode

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



MityVac Hand VacPump
 12MV8010 \$135.00



VPJ0332 ~\$735 VFG03000 ~\$295
 Membrane Filter MFPVDF047022 ~\$140 per

3

FASTCap Filtration

in PES Only : preferred
 aqueous hydrophylic - some



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

VacuCap CT-4622
 75mm or FASTCap ~\$43



Typical SetUp
 + Lab glassware