Thomson Filter Vials and nanolFilter Vials™

Filter Vials

- **Filter, vial and cap - all in one design**
- **Simple to use and easy to press down - No tools required**
- **Membrane offerings: Nylon, PTFE, PVDF and PES**
- **.2 and .45µm pore sizes available**

Thomson Instrument Company, located in San Diego, CA, has been serving the pharmaceutical and life science industries for over forty years.

Thomson SINGLE StEP Filter Vials (patent no. 7,790,117) are designed to speed up sample prep and analysis.
The plunger filter membrane nestles into the vial while simultaneously filtering and readying the sample for any autosampler. This is a single step process that minimizes any loss of sample. No multiple transfers needed.
Pre-slit caps ensure a no-hassle, clean aliquot withdrawal.
No more breakage of expensive needles, coring problems on the HPLC or Mass Spectrometer. Thomson Single StEP Filter Vials are compatible with most standard autosamplers; such as Agilent® and Waters® including the UHPLC™.
The ease of use will make the SINGLE StEP Filter Vials indispensable in all laboratories.


0.2µm Nylon


0.45µm Nylon


0.2µm PTFE


0.45µm PTFE


0.2µm PVDF


0.45µm PVDF


0.2µm PES


0.45µm PES

Ordering Information - Filter Vials*

Part No. MicroSeal	Description	Colour
FV-35538-2	0.2µm Nylon Filter Vial, 200/pk	Black
FV-35539-2	0.45µm Nylon Filter Vial, 200/pk	Pink
FV-35530-2	0.2µm PTFE Filter Vial, 200/pk	Green
FV-35540-2	0.45µm PTFE Filter Vial, 200/pk	Blue
FV-35531-2	0.2µm PVDF Filter Vial, 200/pk	Red
FV-35541-2	0.45µm PVDF Filter Vial, 200/pk	Yellow
FV-35535-2	0.2µm PES Filter Vial, 200/pk	Grey
FV-35545-2	0.45µm PES Filter Vial, 200/pk	Orange

* Also available in econo-pack of 500

Thomson filter vial and protein crash

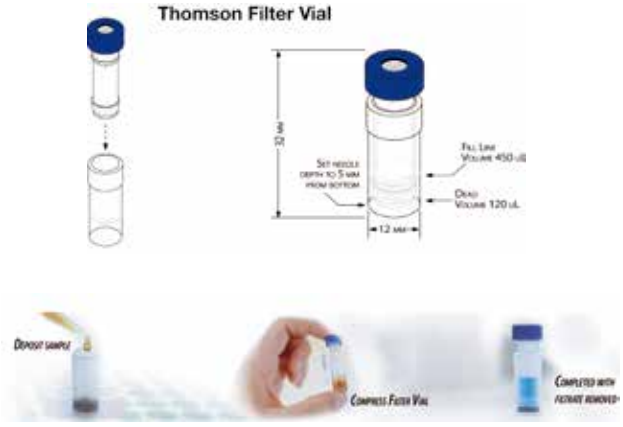
Protein samples need to be crashed out before injecting them into the HPLC.
Many people have traditionally done off line crash procedures. The Thomson PTFE Filter Vials can do this easily by mixing the acetonitrile and aqueous solution in the bottom chamber, and then allowing the filter to push down trapping the protein, and letting the clean sample come through for analysis.

nanolFilter Vials™

The Thomson nanolFilter Vials™ (patented) work on most standard autosamplers, and are designed to speed up sample prep and analysis, while, allowing for minimal volume sample loss (10µL) before analysis.
The ease of use will make the SINGLE StEP® nanolFilter Vial™ essential in all laboratories. The introduction of Capillary and Nano UHPLC machines have expanded the use of limited sample volumes (between 10µL and 100µL) thus, making the nanolFilter Vial™ indispensable.
The unique SINGLE StEP® nanolFilter Vial™ design allows for minimal sample loss during filtration. The low minimum volume of 10µL makes the nanolFilter Vials™ suitable for all applications where minimizing sample loss is critical.

Ordering Information - nanolFilter Vials™

Part No. MicroSeal	Description	Colour
FV-15538-5	0.2µm Nylon nanolFilter Vial, 500/pk	Black
FV-15530-5	0.2µm PTFE nanolFilter Vial, 500/pk	Green
FV-15540-5	0.45µm PTFE nanolFilter Vial, 500/pk	Blue
FV-15531-5	0.2µm PVDF nanolFilter Vial, 500/pk	Red
FV-15541-5	0.45µm PVDF nanolFilter Vial, 500/pk	Yellow
FV-15535-5	0.2µm PES Filter Vial, 500/pk	Grey



eXtreme Filter Vials

- eXtreme Filter, vial and cap - all in one design
- Compatible with most standard autosamplers such as Agilent® and Waters® including the UHPLC™
- Membrane offerings: Nylon, PTFE, PVDF and PES
- .2 and .45µm pore sizes available

SINGLE STEP® eXTREME|FV™

Patent No. 7,790,117 Worldwide Patents Pending

UHPLC COMPATIBLE

Works on Standard Autosamplers

Thomson SINGLE StEP eXtreme|FV (patented) are designed to speed up the sample prep and analysis. The plunger filter with different membranes nestles into the vial while simultaneously filtering and readying the sample for any Autosampler. This is a SINGLE StEP process that minimizes any loss of sample without multiple transfers. Pre-slit Caps ensure a no-hassle, clean aliquot withdraw. No more breakage of expensive needles, coring problems on the HPLC or Mass Spec. Thomson Single StEP eXtreme|FV are compatible with most standard Autosamplers; such as Agilent® and Waters® including the UHPLC™. The ease of use will make the SINGLE StEP eXtreme|FV indispensable in all laboratories.

ForeXtreme cases use Toggle Press

Ordering Information

.2µM PTFE eXtreme|FV Case Qty: 200: Part No. FV-85530-2 Case Qty: 500: Part No. FV-85530-5	.45µM PTFE eXtreme|FV Case Qty: 200: Part No. FV-85540-2 Case Qty: 500: Part No. FV-85540-5
.2µM PVDF eXtreme|FV Case Qty: 200: Part No. FV-85531-2 Case Qty: 500: Part No. FV-85531-5	.45µM PVDF eXtreme|FV Case Qty: 200: Part No. FV-85541-2 Case Qty: 500: Part No. FV-85541-5
.2µM NYLON eXtreme|FV Case Qty: 200: Part No. FV-85538-2 Case Qty: 500: Part No. FV-85538-5	.45µM NYLON eXtreme|FV Case Qty: 200: Part No. FV-85539-2 Case Qty: 500: Part No. FV-85539-5
.2µM PES eXtreme|FV Case Qty: 200: Part No. FV-85535-2 Case Qty: 500: Part No. FV-85535-5	.45µM PES eXtreme|FV Case Qty: 200: Part No. FV-85545-2 Case Qty: 500: Part No. FV-85545-5

Filter Vial Toggle Press

Case Qty: 1: Part No. FV-35005