

Amber|Filter Vial

Standard|Filter Vial with UV protection
for your sample



Protect Light-Sensitive Samples Without Compromising LC Performance

Thomson's Amber Filter Vials combine light protection, filtration, and autosampler readiness in a single product ensuring samples remain intact, clean, and ready for analysis in seconds.

MAINTAIN CHROMATOGRAPHIC QUALITY PRESERVE ANALYTE INTEGRITY • REDUCE VARIABILITY

Why This Matters

Light-sensitive compounds can degrade during sample preparation and storage, leading to:

- Inaccurate quantitation
- Increased analytical variability
- Compromised stability data

Amber Filter Vials prevent photodegradation at the point of filtration before it impacts your results

Key Advantages

Protect Sample Integrity

- Amber vial shields UV/light-sensitive analytes
- Maintains stability during preparation and storage
- Enables more reliable analytical results

Improve Chromatographic Performance

- Removes particulates prior to injection
- Reduces clogging, backpressure, and variability
- Protects LC columns and improves consistency

Control Variability at the Source

- Fewer handling steps reduce contamination risk
- Integrated design minimizes sample loss
- Consistent filtration improves reproducibility



Learn More About
Amber|Filter Vials
htslabs.com



Deposit Sample



Compress Filter Vial



Ready for analysis

Easy as 1, 2, ... Done!

Fast 15 Second Workflow

1. Add sample to vial
2. Press plunger to filter, protected sample ready for analysis

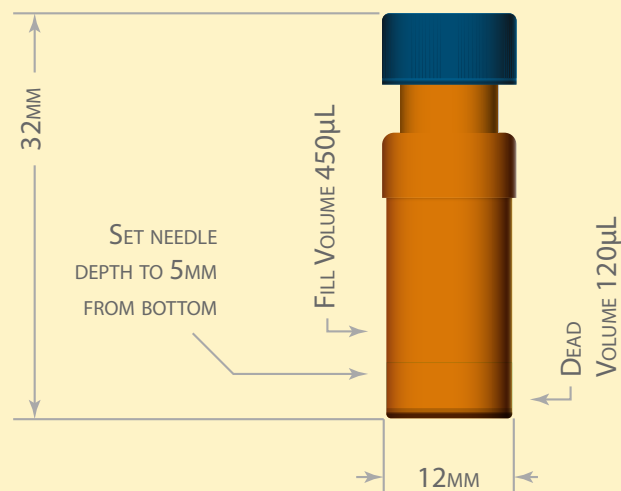
From raw sample to autosampler-ready in seconds.

No transfers. No additional consumables. No light exposure during preparation.

Light-Sensitive Applications

- Pharmaceutical QC & stability studies
- Vitamin & nutraceutical analysis
- Cannabis potency & terpene testing
- Environmental & pesticide analysis
- Food & beverage testing
- Chemical & specialty material analysis
- General HPLC / UPLC sample preparation

Technical Specifications



Why Thomson

Amber Filter Vials are one of the few syringeless filtration solutions available with integrated light protection. In addition to protecting light-sensitive analytes, Thomson offers larger sample capacity (450µL), consistent product availability, and reliable performance across analytical workflows. All products are manufactured in the USA and supported by same-day shipping, ensuring dependable supply for both routine and high-throughput laboratory environments.

Ordering Information

Part Number	Membrane	Pore Size	Cap Color
38830	PTFE	0.2µm	Green
38838	Nylon	0.2µm	Black
38839	Nylon	0.45µm	Pink
38840	PTFE	0.45µm	Blue