

EVERY LAB

**SUPER
HERO**

NEEDS A

SIDEKICK



THUNDER STRIKE



ULTRA
FIX



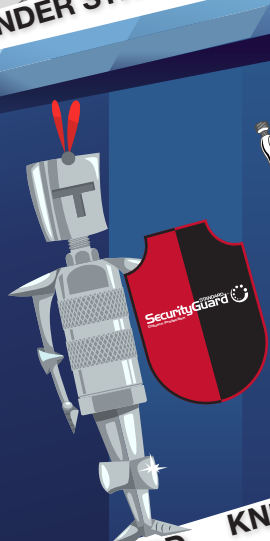
SUPER
PLUNGE



MEGA
TITAN



THE CLICK



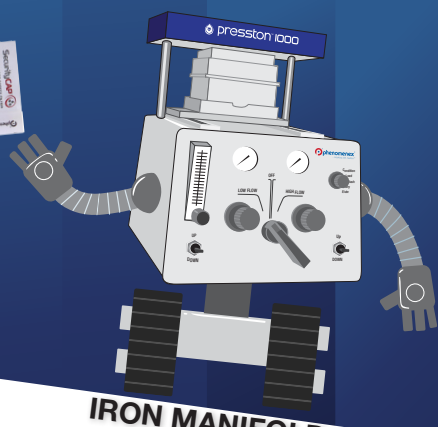
KNIGHT
GUARD



KNIGHT
GUARD
ULTRA



CAPTAIN
CHROMATOGRAPHY



IRON
MANIFOLD

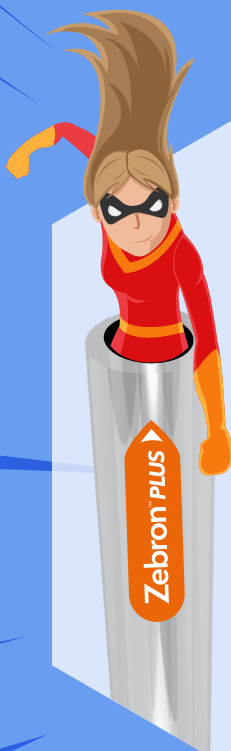
EVERY LAB

SUPER HERO

NEEDS A

SIDEKICK

You can never have too many sidekicks to help you save your columns, defeat evil contaminated particles, and create less system maintenance downstream.



SIDEKICK NAME:

ULTRA FIX

TRAIT:

Superior GC sample protection

LIKES:

Fighting against dirty samples with a unique deactivation process that results in a remarkably inert pathway

DISLIKES:

Ghost and tailing peaks

SECRET POWER:

Deactivation:

Highly inert GC inlet liners for superior sample protection

Packaging:

Easy to open and easy to install packaging allows you to protect yourself from cuts or breakage during installation

GC Protection:

Reduces contamination that may occur during the installation process



Zebtron™
GC Inlet Liners

Zebtron PLUS GC Inlet Liners as

ULTRA FIX

This sidekick undergoes a unique chemical deactivation treatment that results in a remarkably inert GC inlet liner, optimized for trace and active compound analysis.

CLICK

SecurityLINK as THE CLICK

THE CLICK is a sidekick with a super-accessory power that allows them to produce a super-sonic CLICK once a secure column connection is complete.



SIDEKICK NAME:

THE CLICK

TRAIT:

Zero dead-volume column inlet connection each and every time

LIKES:

Banishing carryover, band broadening, and peak tailing

DISLIKES:

Over or under tightening that causes column damage or performance issues

SECRET POWER:

The genesis of THE CLICK's superpower comes from their built-in torque limiting technology. Once the perfect connection has been made through finger tightening, an audible "click" confirms that the optimum torque has been reached.

THE CLICK will never let you down. Their clicking powers ensure HPLC/UHPLC performance up to 19,000 psi (1,310 bar). Don't leave your chromatographic end fittings in just anyone's hands!



SecurityLINK
UHPLC Connections in a Click

FIND YOUR MOST SUITABLE SIDEKICK SAMPLE
WWW.PHENOMENEX.COM/SIDEKICKS

Phenex Syringe Filters as **THUNDER STRIKE**

When evil particulates attack and try to kill your columns, THUNDER STRIKE jumps in and cleans up your samples to save the day. With THUNDER STRIKE's super speed filtration, you can relax knowing that your column will conquer any separation that comes its way!

SIDEKICK NAME: **THUNDER STRIKE**

TRAIT:

A variety of different membranes to filter your sample

LIKES:

Clean samples, less system downtime, and increased LC/GC column lifetimes

DISLIKES:

Evil particulates

SECRET POWER:

THUNDER STRIKE can fight particulates and contamination alone, but also works great in a sample preparation workflow to ensure cleaner results!

Selection of **THUNDER STRIKE** is based on your unique sample specification. Letting **THUNDER STRIKE** fight for you may be the easiest way to ensure cleaner injections in no time.



PHENEX.
SYRINGE FILTERS

SIDEKICK NAME: **MEGA TITAN**

TRAIT:

100% defect-free glass

LIKES:

Reproducible results and cleanroom packaging

DISLIKES:

Extraneous peaks

SECRET POWER:

MEGA TITAN has the ability to transform into 3 levels of certification to guarantee pinpoint accuracy! With each level, **MEGA TITAN** gains additional power:

LEVEL 1 – MOST COMMON APPLICATIONS

LEVEL 2 – LOW BLEED FOR HIGH SENSITIVITY APPLICATIONS

LEVEL 3 – MASS SPEC QUALITY FOR ULTRA-SENSITIVE MS APPLICATIONS

All labs should be power-activated at supersonic speed. **MEGA TITAN** will be there to save the day!



VEREX
Certified Vial Products



Verex Vials as **MEGA TITAN**

With **MEGA TITAN**, your results will be safe from extraneous peaks thanks to 100% defect-free glass. Clean-room packed products ensure particulate- and contaminate-free vials and caps suitable for chromatography.

Verex Filter Vials as **SUPER PLUNGE**

With SUPER PLUNGE, save time from getting your sample filtered to being ready for analysis in the autosampler with their universal fit.



SIDEKICK NAME:

SUPER PLUNGE

TRAIT:

Color-coded caps for easy membrane and pore size selection

LIKES:

Fast filtration, particulate-free samples, low dead-volume

DISLIKES:

System downtime, sample loss, and contamination

SECRET POWER:

SUPER PLUNGE reduces lab waste and simplifies your workflow by eliminating the need for separate syringes, syringe filters, vials, and cap/septa.



VEREX
Certified Filter Vials

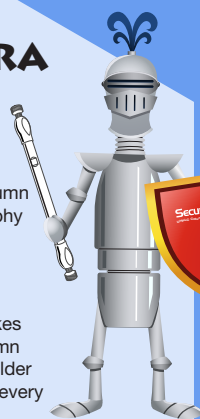
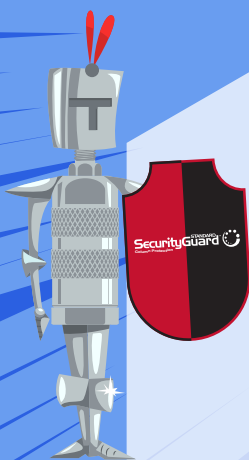
SIDEKICK NAME:
**KNIGHT GUARD &
KNIGHT GUARD ULTRA**

TRAIT:
Universal column protection

LIKES:
Increased UHPLC/HPLC/PREP lifetimes, better column performance, and more reproducible chromatography

DISLIKES:
Chemical contaminants or microparticulates

SECRET POWER:
KNIGHT GUARD & KNIGHT GUARD ULTRA makes installing column protection into your favorite column easy. Their floating outlet from the SecurityGuard holder automatically adjusts to the precise depth of virtually every manufacturer's column.



SecurityGuard
STANDARD
Column Protection

SecurityGuard Cartridge Systems as **KNIGHT GUARD & KNIGHT GUARD ULTRA**

These sidekicks were designed to provide universal column protection effectively (and inexpensively) by protecting your valuable columns from the damaging effects of chemical contaminants without altering your chromatographic results.

FIND YOUR MOST SUITABLE SIDEKICK SAMPLE
WWW.PHENOMENEX.COM/SIDEKICKS

Ask how to get a **FREE** Presston 1000 Positive Pressure Manifold!

SIDEKICK NAME:

IRON MANIFOLD

TRAIT:

96-well plate sample processing

LIKES:

Super-fast and ultra-consistent flow rates

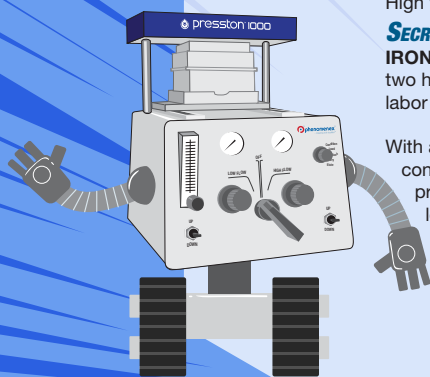
DISLIKES:

High variation well-to-well

SECRET POWER:

IRON MANIFOLD ensures enhanced lab safety by requiring two hands to move the manifold shield, providing less manual labor and happy hands!

With a 96-well plate offering, **IRON MANIFOLD** provides a convenient high throughput option for labs that need to process multiple extractions simultaneously. Everyone loves a sidekick that can multitask!



presston 1000



Presston 1000 Positive Pressure Manifold as **IRON MANIFOLD**

As a pneumatic positive pressure manifold, **IRON MANIFOLD** goes into uncharted territory where no Presston has gone before...until now.

SecurityCAP as **CAPTAIN CHROMATOGRAPHY**

With **CAPTAIN CHROMATOGRAPHY**, you can always be secure about your solvent! Every time.



SIDEKICK NAME:

CAPTAIN CHROMATOGRAPHY

TRAIT:

Mobile phase and solvent waste safety caps

LIKES:

Lab safety and solvent protection

DISLIKES:

Harmful chemical vapors, dust, dirt, and other contaminants

SECRET POWER:

CAPTAIN CHROMATOGRAPHY helps prevent dangerous vapors and gases from leaving HPLC/UHPLC solvent reservoirs. Over time, these chemicals can have a negative impact on the health of lab personnel and visitors. When lab safety and dependable results are a priority, you need **CAPTAIN CHROMATOGRAPHY**!

SecurityCAP 
LC SOLVENT SAFETY PRODUCTS

To find your lab sidekick, go to
www.phenomenex.com/Sidekicks

- Free Sample Packs
- Special Promotions
- Order Your Favorite Sidekick

BOOM!

ZAP!



Sidekick Ordering Information



Our sidekicks are guaranteed to ensure problem-free, reproducible performance you can trust, irregardless of your analysis! And if you ever find yourself in a sticky situation, our guarantee ensures your sidekick happiness.

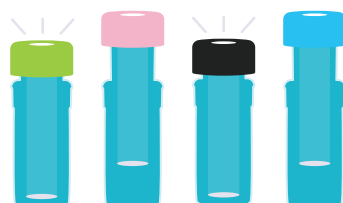
Verex Filter Vials

| Description | | Pore Size | Part No. | Unit |
|--|---|-----------|-----------------------------|--------|
| Verex Filter Vial-RC (Regenerated Cellulose) |  | 0.20 µm | AR0-F103-12 | 100/pk |
| |  | 0.45 µm | AR0-F203-12 | 100/pk |
| Verex Filter Vial-PTFE (Polytetrafluoroethylene) |  | 0.20 µm | AR0-F102-12 | 100/pk |
| |  | 0.45 µm | AR0-F202-12 | 100/pk |
| Verex Filter Vial-NY (Nylon) |  | 0.20 µm | AR0-F107-12 | 100/pk |
| |  | 0.45 µm | AR0-F207-12 | 100/pk |
| Verex Filter Vial-PES (Polyethersulfone) |  | 0.20 µm | AR0-F108-12 | 100/pk |
| |  | 0.45 µm | AR0-F208-12 | 100/pk |
| Verex Filter Vial-PVDF (Polyvinylidene Fluoride) |  | 0.20 µm | AR0-F106-12 | 100/pk |
| |  | 0.45 µm | AR0-F206-12 | 100/pk |

BE-HAPPY™ GUARANTEE

Your happiness is our mission. Take 45 days to try our products. If you are not happy, we'll make it right.

www.phenomenex.com/behappy



Sidekick Ordering Information



Verex Vial Products

| Screw Top Vials | Plastic | | | Plastic | | | Headspace | | | Headspace | | | VOA/ASE | | | | | |
|-------------------------------------|-----------------------------|--|------------|---|--|---|--|------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--|
| | Total Volume | 2 mL | 300 µL | 475 µL | 700 µL | 1.4 mL | 1.5 mL | 1.5 mL | 2 mL | 450 µL | 1.5 mL | 2 mL | 4 mL | 4 mL | 10 mL | 20 mL | 40 mL | |
| Dimension | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 15 x 45 mm | 15 x 45 mm | 23 x 46 mm | 23 x 75 mm | 28 x 95 mm | | |
| Neck | 8 mm | 9 mm | 9 mm | 9 mm | 9 mm | 9 mm | 9 mm | 9 mm | 9 mm | 10 mm | 10 mm | 10 mm | 10 mm | 13 mm | 13 mm | 18 mm | 24 mm | |
| Clear Glass Without Patch (1000/pk) | ARO-3800-13 | | | ARO-3920-13 | Cert+ Convenience kits only. Vials and caps with bonded-in septa (PTFE/Silicone) | ARO-3940-13 | Cert+ Convenience kits only. Vials and caps with bonded-in septa (PTFE/Silicone) | | | ARO-3900-13 | ARO-3020-13 | ARO-3040-13 | ARO-3000-13 | ARO-3300-13 | ARO-3370-13 | ARO-32H0-13 | ARO-3280-13 | — |
| Clear Glass With Patch (1000/pk) | ARO-3810-13 | Convenience kits only. Vials and caps with bonded-in septa (PTFE/Silicone) | — | — | — | — | — | — | ARO-3910-13 | — | — | — | ARO-3010-13 | ARO-3310-13 | — | — | — | — |
| Amber Glass Without Patch (1000/pk) | ARO-3801-13 | — | — | ARO-3921-13 | — | ARO-3941-13 | — | — | ARO-3901-13 | ARO-3021-13 | — | — | ARO-3001-13 | ARO-3301-13 | — | ARO-32H1-13 | ARO-3281-13 | — |
| Amber Glass With Patch (1000/pk) | ARO-3811-13 | — | — | — | — | — | — | — | ARO-3911-13 | — | — | — | ARO-3011-13 | — | — | — | — | — |
| Other | — | ARO-9991-13 and ARO-9992-13 (preSlit) | — | ARO-9993-13-C and ARO-9994-13-C (preSlit) | — | ARO-9987-13-C and ARO-9988-13-C (preSlit) | ARO-9981-13 and ARO-9982-13 (preSlit) | — | — | — | — | — | Silanized Clear Glass without Label: ARO-3003-13 | — | — | — | — | Clear 200/pk: ARO-35V0-22 Amber 200/pk: ARO-35V1-22 |
| Screw Cap | 8 mm | 9 mm | 9 mm | 9 mm | 9 mm | 9 mm | 9 mm | 9 mm | 10 mm | 10 mm | 10 mm | 10 mm | 13 mm | 13 mm | 18 mm | 18 mm | 24 mm | — |

| Crimp Top Vials | Headspace | | Headspace | | Headspace | |
|-------------------------------------|-----------------------------|-----------------------------|--|--|--|--|
| | Total Volume | 300 µL | 1.5 mL | 2 mL | 6 mL | 10 mL |
| Dimension | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 22 x 38 mm | 23 x 46 mm | 23 x 75 mm |
| Neck | 11 mm | 11 mm | 11 mm | 20 mm | 20 mm | 20 mm |
| Clear Glass Without Patch (1000/pk) | — | ARO-3740-13 | ARO-3700-13 Wide: ARO-37K0-13 | — | — | — |
| Clear Glass With Patch (1000/pk) | ARO-3725-13 | — | ARO-3710-13 Wide: ARO-37L0-13 | — | — | — |
| Amber Glass Without Patch (1000/pk) | — | ARO-3741-13 | Wide: ARO-37K1-13 | — | — | — |
| Amber Glass With Patch (1000/pk) | ARO-3726-13 | — | ARO-3711-13 Wide: ARO-37L1-13 | — | — | — |
| Other | — | — | — | Beveled Edge, Flat Bottom, Clear: ARO-32F0-13 Square Rim, Flat Bottom, Clear: ARO-32D0-13 Beveled Edge, Round Bottom, Clear: ARO-32G0-13 | Beveled Edge, Flat Bottom, Clear: ARO-3220-13 Square Rim, Flat Bottom, Clear: ARO-32A0-13 Beveled Edge, Round Bottom, Clear: ARO-3230-13 | Beveled Edge, Flat Bottom, Clear: ARO-3260-13 Beveled Edge, Flat Bottom, Clear, Silanized: ARO-3263-13 Square Rim, Flat Bottom, Clear: ARO-3290-13 Beveled Edge, Round Bottom, Clear: ARO-3270-13 |
| Crimp Caps | 11 mm | 11 mm | 11 mm | 20 mm | 20 mm | 20 mm |

| Snap Top Vials | Snap Caps | | | | |
|-------------------------------------|-----------------------------|-----------------------------|-----------------------------|---|---|
| | Total Volume | 500 µL | 300 µL | 1.5 mL | 2 mL |
| Dimension | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm | 12 x 32 mm |
| Neck | 11 mm | 11 mm | 11 mm | 11 mm | 11 mm |
| Clear Glass Without Patch (1000/pk) | ARO-3630-13 | — | ARO-3640-13 | ARO-3600-13 | — |
| Clear Glass With Patch (1000/pk) | — | ARO-3625-13 | — | ARO-3610-13 | — |
| Amber Glass Without Patch (1000/pk) | ARO-3631-13 | — | — | — | — |
| Amber Glass With Patch (1000/pk) | — | — | — | ARO-3611-13 | — |
| Other | — | — | — | Silanized Clear Glass with Label: ARO-3613-13 | Silanized Amber Glass with Label: ARO-3614-13 |
| Snap Caps | 11 mm | 11 mm | 11 mm | 11 mm | 11 mm |

| Shell Vials and Caps | Shell Caps | | |
|---|-----------------------------|-----------------------------|------|
| | Total Volume | 1 mL | 4 mL |
| Dimension | 8 x 40 mm | 15 x 45 mm | — |
| Clear Glass With Label and Polyethylene cap (1000/pk) | ARO-3110-13 | ARO-3170-13 | — |

Bundle Vials and Caps in Our Most Popular Kits!

Some of our most popular kits are below, to view all convenience kits, go to www.phenomenex.com/verex

| | |
|-------------------------------|--|
| ARO-9925-13 | 2 mL Screw-top Clear vial with label, 9 mm opening screw-top cap with PreSlit PTFE/Silicone Septa |
| ARO-992B-13-M | Cert+ and MS Quality 2 mL Screw-top Amber vial with label, 9 mm opening screw-top cap with blue PTFE/Silicone Septa |
| ARO-9973-13 | 300 µL Screw-top clear with label µVial i3 (Qsert), 9mm opening screw-top cap with blue PTFE/Silicone Septa |
| ARO-9974-13-C | Cert+ 300 µL Screw-top clear with label µVial i3 (Qsert), 9 mm opening screw-top cap with grey PreSlit PTFE/Silicone Septa |
| ARO-9903-13 | 2 mL Screw-top Clear vial without label, 9 mm screw-top cap with blue preSlit PTFE/Silicone Septa |
| ARO-9901-13 | 2 mL Screw-top Clear vial without label, 9 mm screw-top cap with blue PTFE/Silicone Septa |



Phenex Syringe Filters



| Membrane Type/Size | 4 mm Diameter for ≤2 mL sample volumes | | 15 mm Diameter for 2–10 mL sample volumes | | 25–30 mm Diameter for 10–100 mL sample volumes | |
|---|--|--------|--|--------|---|--------|
| | Part No. | Unit | Part No. | Unit | Part No. | Unit |
| 0.20 µm | | | | | | |
| Phenex-RC (Regenerated Cellulose) | AF0-3203-12 | 100/pk | AF0-2203-12 | 100/pk | AF0-8203-12 | 100/pk |
| | AF0-3203-52 | 500/pk | AF0-2203-52 | 500/pk | AF0-8203-52 | 500/pk |
| Phenex-PES ² (Polyethersulfone) | — | — | — | — | AF0-8208-12 | 100/pk |
| | — | — | — | — | AF0-8208-52 | 500/pk |
| Phenex-PTFE (Polytetrafluoroethylene) | AF0-3202-12 | 100/pk | AF0-2202-12 | 100/pk | AF0-1202-12 | 100/pk |
| | AF0-3202-52 | 500/pk | AF0-2202-52 | 500/pk | AF0-1202-52 | 500/pk |
| Phenex-NY (Nylon) | AF3-3207-12 | 100/pk | AF0-2207-12 | 100/pk | AF0-1207-12 | 100/pk |
| | AF3-3207-52 | 500/pk | AF0-2207-52 | 500/pk | AF0-1207-52 | 500/pk |
| Phenex-GF/NY ¹ (Glass Fiber/Nylon) | An integrated syringe filter unit containing an inert borosilicate glass fiber prefilter and a Nylon (NY) membrane. Excellent for filtration of particle-laden samples, such as foods and beverages, environmental, biofuels, and dissolution samples. Use less hand pressure to filter even the most difficult samples. Outlet connection is luer lock. | | | | AF0-1A47-12 | 100/pk |
| | | | | | AF0-1A47-52 | 500/pk |
| Phenex-PVDF (Polyvinylidene Fluoride) | — | — | AF6-5206-12 | 100/pk | AF6-6206-12 | 100/pk |
| | — | — | AF6-5206-52 | 500/pk | AF6-6206-52 | 500/pk |
| Phenex-GF/PVDF (Glass Fiber/Polyvinylidene Fluoride) | An integrated syringe filter unit containing an inert borosilicate glass fiber prefilter and a PVDF membrane. The hydrophilic PVDF membrane provides high flow rates and throughput, low extractables and broad chemical compatibility. This membrane binds less protein than nylon or PTFE membranes. | | | | AF6-6C06-12 | 100/pk |
| | | | | | AF6-6C06-52 | 500/pk |
| Phenex-CA ³ (Cellulose Acetate) | — | — | — | — | AF0-8204-12 | 100/pk |
| | — | — | — | — | AF0-8204-52 | 500/pk |
| Phenex-GF/CA ^{1,2,3} (Glass Fiber/Cellulose Acetate) | An integrated syringe filter unit containing an inert borosilicate glass fiber prefilter and a CA membrane. Excellent for filtration of tissue culture media, general biological sample filtration and clarification. Outlet connection is luer lock. | | | | AF0-8A09-12 | 100/pk |
| | | | | | AF0-8A09-52 | 500/pk |
| 0.45 µm | | | | | | |
| Phenex-RC (Regenerated Cellulose) | AF0-3103-12 | 100/pk | AF0-2103-12 | 100/pk | AF0-8103-12 | 100/pk |
| | AF0-3103-52 | 500/pk | AF0-2103-52 | 500/pk | AF0-8103-52 | 500/pk |
| Phenex-PES ² (Polyethersulfone) | — | — | — | — | AF0-8108-12 | 100/pk |
| | — | — | — | — | AF0-8108-52 | 500/pk |
| Phenex-PTFE (Polytetrafluoroethylene) | AF0-3102-12 | 100/pk | AF0-2102-12 | 100/pk | AF0-1102-12 | 100/pk |
| | AF0-3102-52 | 500/pk | AF0-2102-52 | 500/pk | AF0-1102-52 | 500/pk |
| Phenex-NY (Nylon) | AF3-3107-12 | 100/pk | AF0-2107-12 | 100/pk | AF0-1107-12 | 100/pk |
| | AF3-3107-52 | 500/pk | AF0-2107-52 | 500/pk | AF0-1107-52 | 500/pk |
| Phenex-GF/NY ¹ (Glass Fiber/Nylon) | An integrated syringe filter unit containing an inert borosilicate glass fiber prefilter and a Nylon (NY) membrane. Excellent for filtration of particle-laden samples, such as foods and beverages, environmental, biofuels, and dissolution samples. Use less hand pressure to filter even the most difficult samples. Outlet connection is luer lock. | | | | AF0-1B47-12 | 100/pk |
| | | | | | AF0-1B47-52 | 500/pk |
| Phenex-PVDF (Polyvinylidene Fluoride) | — | — | AF6-5106-12 | 100/pk | AF6-6106-12 | 100/pk |
| | — | — | AF6-5106-52 | 500/pk | AF6-6106-52 | 500/pk |
| Phenex-GF/PVDF (Glass Fiber/Polyvinylidene Fluoride) | An integrated syringe filter unit containing an inert borosilicate glass fiber prefilter and a PVDF membrane. The hydrophilic PVDF membrane provides high flow rates and throughput, low extractables and broad chemical compatibility. This membrane binds less protein than nylon or PTFE membranes. | | | | AF6-6D06-12 | 100/pk |
| | | | | | AF6-6D06-52 | 500/pk |
| Phenex-GF/CA ^{1,2,3} (Glass Fiber/Cellulose Acetate) | An integrated syringe filter unit containing an inert borosilicate glass fiber prefilter and a CA membrane. Excellent for filtration of tissue culture media, general biological sample filtration and clarification. Outlet connection is luer lock. | | | | AF0-8B09-12 | 100/pk |
| | | | | | AF0-8B09-52 | 500/pk |
| 1.20 µm | | | | | | |
| Phenex-GF ^{1,2} (Glass Fiber) | Prefiltration of heavily contaminated or highly viscous samples. When used in-line preceding a membrane filter, clogging of the membrane filter is prevented and sample clean up is optimized. Outlet connection is luer lock. | | | | AF0-8515-12 | 100/pk |
| | | | | | AF0-8515-52 | 500/pk |

1. Glass fiber filters are 28mm diameter and made of borosilicate. They will remove 90 % of all particles > 1.2 µm.

2. Housing material is methacrylate butadiene styrene (MBS) polymerisate. Also known as Cyrolite®.

3. Cellulose acetate is surfactant-free.



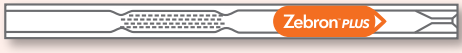




Above syringe filters are non-sterile. Housing is made of medical-grade polypropylene (PP). Luer lock inlet/slip outlet connections unless otherwise indicated. Additional dimensions and membrane types are available, including sterile filters. Please contact your local Phenomenex technical consultant or distributor for availability or assistance.

Sidekick Ordering Information

Zebron PLUS Inlet Liners

For Agilent® or Thermo Scientific® GC Systems



| Description | Application | Dimensions ID x L (mm) | Part No. | Unit |
|--|--|------------------------|-----------------------------|-------|
| Direct Connect  | Trace analysis Splitless injections | 4 x 78.5 | AG2-0A50-01 | Ea |
| | | | AG2-0A50-05 | 5/pk |
| | | | AG2-0A50-25 | 25/pk |
| Single Taper  | Pesticides | 4 x 78.5 | AG2-0A10-01 | Ea |
| | | | AG2-0A10-05 | 5/pk |
| | | | AG2-0A10-25 | 25/pk |
| Single Taper Z-Liner™  | Semi-volatiles Dirty samples | 4 x 78.5 | AG2-0A13-01 | Ea |
| | | | AG2-0A13-05 | 5/pk |
| | | | AG2-0A13-25 | 25/pk |
| Single Taper with Wool  | Semi-volatiles | 4 x 78.5 | AG2-0A11-01 | Ea |
| | | | AG2-0A11-05 | 5/pk |
| | | | AG2-0A11-25 | 25/pk |
| Straight  | Volatiles | 4 x 92 | AG2-0A00-01 | Ea |
| | | | AG2-0A00-05 | 5/pk |
| | | | AG2-0A00-25 | 25/pk |
| Straight Z-Liner  | Dirty samples Volatiles High initial oven temperatures | 4 x 92 | AG2-0A03-01 | Ea |
| | | | AG2-0A03-05 | 5/pk |
| | | | AG2-0A03-25 | 25/pk |
| Straight Single Baffle  | Semi-volatiles Pesticides | 1.8 x 71 | AG2-1F06-01 | Ea |
| | | | AG2-1F06-05 | 5/pk |
| | | | AG2-1F06-25 | 25/pk |



Sidekick Ordering Information



Presston 1000 Positive Pressure Manifold

What to Expect in Your Product Box

Included in the unit is the 96-well plate manifold, a starter kit that contains tubing, manifold spacers, a gas regulator, and collection (all required for set up), and a converter kit to accommodate different sizes of tubing.

| Description | Part Number | Qty |
|--|--------------------------|-----|
| Manifold | | |
| Presston 1000 Postive Pressure Manifold, 96-Well Plate | AH1-7033 | 1 |

| Description | Qty |
|--------------------------|-----|
| Starter Kit | |
| Gas Regulator | 1 |
| Screws for Gas Regulator | 2 |
| Screwdriver | 1 |
| Manifold Spacer Small | 2 |
| Manifold Spacer Large | 1 |
| Tubing (6 mm) | 3 |
| Waste Collection Trough | 1 |

| Description | Qty |
|--|-----|
| Converter Kit | |
| Straight Diameter Joint (6 mm - 4 mm) | 1 |
| Straight Diameter Joint (8 mm - 6 mm) | 1 |
| Straight Diameter Joint (10 mm - 6 mm) | 1 |
| Bent Diameter Joint Regulator Valve | 1 |
| Quick-Fitting Straight Joint Plug C | 1 |
| Quick-Fitting Straight Joint Plug D | 1 |
| Barbed to Male Tube Fitting (1/4") | 1 |
| Tubing (10 mm) | 1 |



Presston 1000
Part No.: [AH1-7033](#)

Included in all boxes:

Starter Kit



Converter Kit



Sidekick Ordering Information



SecurityCAP

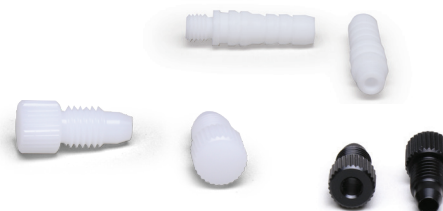


Mobile Phase (Eluent) Safety Starter Kits

| SecurityCAP Mobile Phase Starter Kits | | |
|---------------------------------------|---|------|
| Part No. | Description | Unit |
| AC2-1245 | 2-port GL45 Cap and 6-month Safety Filter | ea |
| AC2-4245 | 2-port GL45 Caps (x4) and 6-month Safety Filter (x4) | ea |
| AC2-4240 | 2-port Merck S40 Caps (x4) and 6-month Safety Filter (x4) | ea |
| AC2-1345 | 3-port GL45 Cap and 6-month Safety Filter | ea |
| AC2-4345 | 3-port GL45 Caps (x4) and 6-month Safety Filter (x4) | ea |
| AC2-1445 | 4-port GL45 Cap and 6-month Safety Filter | ea |
| AC2-4445 | 4-port GL45 Cap (x1) and 2-port Cap (3x) and 6-month Safety Filter (x4) | ea |
| AC2-1545 | 5-port GL45 Cap and 6-month Safety Filter | ea |
| AC2-1561 | 5-port S60/S61 Cap and 6-month Safety Filter | ea |

Waste Safety Starter Kits

| SecurityCAP Waste Starter Kits | | |
|--------------------------------|---|------|
| Part No. | Description | Unit |
| AC1-1245 | 2-port GL/DIN45 Cap and 6-month Exhaust Filter and Barbed connector | ea |
| AC1-1545 | 5-port GL/DIN45 Cap and 6-month Exhaust Filter | ea |
| AC1-1551 | 5-port DIN51 Cap and 6-month Exhaust Filter | ea |
| AC1-1553 | 5-port B53 Cap and 6-month Exhaust Filter | ea |
| AC1-1561 | 5-port S61 Cap and 6-month Exhaust Filter | ea |



Replacement Filters

| SecurityCAP Mobile Phase Safety Filter | | |
|--|--------------------------------------|-------|
| Part No. | Description | Unit |
| AC2-0161 | 6-month Capacity, 1/4 in.-28 Threads | ea |
| AC2-0961 | 6-month Capacity, 1/4 in.-28 Threads | 10/pk |

| SecurityCAP Waste Safety Filters | | |
|----------------------------------|--|------|
| Part No. | Description | Unit |
| AC1-0161 | 6-month Exhaust Filter for SecurityCAP, 1/4 in.-28 Threads | ea |
| AC1-0361 | 6-month Exhaust Filter for SecurityCAP, 1/4 in.-28 Threads | 3/pk |
| AC1-0162 | 6-month Exhaust Filter for Wide-port Caps, GL14 Threads | ea |
| AC1-0362 | 6-month Exhaust Filter for Wide-port Caps, GL14 Threads | 3/pk |

Fittings and Accessories

| SecurityCAP Fittings | | |
|--------------------------|--|------|
| Part No. | Description | Unit |
| AC3-1101 | for 1/16 in. or 2.0 mm OD Tubing, 1/4 in.-28 Threads (POM), blue | ea |
| AC3-1201 | for 2.3-2.6 mm OD Tubing, 1/4 in.-28 Threads (POM), white | ea |
| AC3-2101 | for 1/8 in. OD Tubing, 1/4 in.-28 Threads (POM), black | ea |

| SecurityCAP Connectors | | |
|--------------------------|--|------|
| Part No. | Description | Unit |
| AC3-1001 | Barbed connector, for 5-8 mm ID Tubing (PTFE), white | ea |
| AC3-1301 | Y-connector for 6-8 mm ID Tubing (POM), white | ea |

SecurityCAP Waste Safety Filter Compatibility Table

| Supplier | Phenomenex SecurityCAP Filters | |
|---|--------------------------------|--------------------------|
| | ea | 3/pk |
| S.C.A.T.® SafetyWasteCaps | AC1-0162 | AC1-0362 |
| AIT® Smart Healthy Caps | AC1-0162 | AC1-0362 |
| Agilent® InfinityLab Stay Safe Caps | AC1-0162 | AC1-0362 |
| VICI Jour® Waste Caps | AC1-0161 | AC1-0361 |
| Canary-Safe™ Safety Caps | AC1-0162 | AC1-0362 |
| DURAN® DG Safety Caps | AC1-0162 | AC1-0362 |
| VapLock™ Safety Caps (with AC3-1111) | AC1-0161 | AC1-0361 |

| SecurityCAP Adapter | | |
|--------------------------|---|------|
| Part No. | Description | Unit |
| AC2-1138 | Cap Thread Adapter, PTFE, GPI/GL 38 Female to GL45 Male | ea |
| AC3-1111 | Waste Adapter for Male 1/4 in. NPT-port (PTFE) | ea |

| SecurityCAP Sealing Plug | | |
|--------------------------|---------------------------------|------|
| Part No. | Description | Unit |
| AC3-2001 | 1/4 in.-28 Threads (POM), white | ea |

POM = polyoxymethylene
PTFE = polytetrafluoroethylene (Teflon®)

- Disclaimer
- The 6 month SecurityCAP filter lifetime is a general guideline based on running a single instrument for 8 hours a day at 1 mL/min.
- SecurityCAP filters may need to be changed more or less frequently based on the system usage.

Sidekick Ordering Information



UHPLC Connections in a Click

SecurityLINK

PEEKsil™ Double-Sided 10-32 Fittings for 1/16 in. Ports



| Part No. | ID (µm) | Length (mm) | Fitting Size Top (in.) | Fitting Size Bottom (in.) |
|--------------------------|---------|-------------|------------------------|---------------------------|
| AJ1-2111 | 25 | 100 | 1/16 | 1/16 |
| AJ1-2121 | 25 | 150 | 1/16 | 1/16 |
| AJ1-2141 | 25 | 250 | 1/16 | 1/16 |
| AJ1-2151 | 25 | 300 | 1/16 | 1/16 |
| AJ1-2171 | 25 | 500 | 1/16 | 1/16 |
| AJ1-2191 | 25 | 750 | 1/16 | 1/16 |
| AJ1-21A1 | 25 | 1000 | 1/16 | 1/16 |
| AJ1-2211 | 50 | 100 | 1/16 | 1/16 |
| AJ1-2221 | 50 | 150 | 1/16 | 1/16 |
| AJ1-2231 | 50 | 200 | 1/16 | 1/16 |
| AJ1-2241 | 50 | 250 | 1/16 | 1/16 |
| AJ1-2251 | 50 | 300 | 1/16 | 1/16 |
| AJ1-2271 | 50 | 500 | 1/16 | 1/16 |
| AJ1-2291 | 50 | 750 | 1/16 | 1/16 |
| AJ1-22A1 | 50 | 1000 | 1/16 | 1/16 |
| AJ1-2321 | 75 | 150 | 1/16 | 1/16 |
| AJ1-2341 | 75 | 250 | 1/16 | 1/16 |
| AJ1-2371 | 75 | 500 | 1/16 | 1/16 |
| AJ1-23A1 | 75 | 1000 | 1/16 | 1/16 |
| AJ1-2411 | 100 | 100 | 1/16 | 1/16 |
| AJ1-2421 | 100 | 150 | 1/16 | 1/16 |
| AJ1-2441 | 100 | 250 | 1/16 | 1/16 |
| AJ1-2461 | 100 | 350 | 1/16 | 1/16 |
| AJ1-2471 | 100 | 500 | 1/16 | 1/16 |
| AJ1-24A1 | 100 | 1000 | 1/16 | 1/16 |

PEEKsil Single-Sided Fittings 1/2 in. OD PEEKsil Tubing with one 10-32 fitting for 1/16 in. ports, and one side with no fitting



| Part No. | ID (µm) | Length (mm) | Fitting Size Top (in.) | Fitting Size Bottom (in.) |
|--------------------------|---------|-------------|------------------------|---------------------------|
| AJ1-21B1 | 25 | 1500 | 1/16 | None |
| AJ1-2124 | 25 | 150 | 1/16 | None |
| AJ1-2174 | 25 | 500 | 1/16 | None |
| AJ1-2194 | 25 | 750 | 1/16 | None |
| AJ1-2224 | 50 | 150 | 1/16 | None |
| AJ1-2274 | 50 | 500 | 1/16 | None |
| AJ1-2294 | 50 | 750 | 1/16 | None |
| AJ1-22A4 | 50 | 1000 | 1/16 | None |



Phenomenex Column/Tubing ID Recommendation Chart

| | Nano | Microbore | Analytical | | | | Semi-Prep | |
|-----------|--------------------------------|--------------------------------|---------------|--------|--------|--------|-----------|---------------|
| Column ID | 0.05 - 0.1 mm (50 µm - 100 µm) | 0.3 - 0.5 mm (300 µm - 500 µm) | 1 mm | 2.1 mm | 3 mm | 4.6 mm | 7.8 mm | 9.0 - 16.0 mm |
| Tubing ID | 25 µm | 50 µm | 50 µm - 75 µm | 100 µm | 100 µm | 100 µm | 120 µm | 254 µm |

PEEK-Lined Stainless Steel Double-Sided 10-32 Fittings for 1/16 in. Ports



| Part No. | ID (µm) | Length (mm) | Fitting Size Top (in.) | Fitting Size Bottom (in.) |
|--------------------------|---------|-------------|------------------------|---------------------------|
| AJ1-3121 | 25 | 150 | 1/16 | 1/16 |
| AJ1-3141 | 25 | 250 | 1/16 | 1/16 |
| AJ1-3161 | 25 | 350 | 1/16 | 1/16 |
| AJ1-3171 | 25 | 500 | 1/16 | 1/16 |
| AJ1-3181 | 25 | 600 | 1/16 | 1/16 |
| AJ1-3221 | 50 | 150 | 1/16 | 1/16 |
| AJ1-3241 | 50 | 250 | 1/16 | 1/16 |
| AJ1-3261 | 50 | 350 | 1/16 | 1/16 |
| AJ1-3271 | 50 | 500 | 1/16 | 1/16 |
| AJ1-3281 | 50 | 600 | 1/16 | 1/16 |
| AJ1-3321 | 75 | 150 | 1/16 | 1/16 |
| AJ1-3341 | 75 | 250 | 1/16 | 1/16 |
| AJ1-3361 | 75 | 350 | 1/16 | 1/16 |
| AJ1-3371 | 75 | 500 | 1/16 | 1/16 |
| AJ1-3381 | 75 | 600 | 1/16 | 1/16 |
| AJ1-3421 | 100 | 150 | 1/16 | 1/16 |
| AJ1-3441 | 100 | 250 | 1/16 | 1/16 |
| AJ1-3461 | 100 | 350 | 1/16 | 1/16 |
| AJ1-3471 | 100 | 500 | 1/16 | 1/16 |
| AJ1-3481 | 100 | 600 | 1/16 | 1/16 |

Stainless Steel Double-Sided 10-32 Fittings for 1/16 in. Ports



| Part No. | ID (µm) | Length (mm) | Fitting Size Top (in.) | Fitting Size Bottom (in.) |
|--------------------------|---------|-------------|------------------------|---------------------------|
| AJ1-14A1 | 100 | 1000 | 1/16 | 1/16 |
| AJ1-1411 | 100 | 100 | 1/16 | 1/16 |
| AJ1-1414 | 100 | 100 | 1/16 | 1/16 |
| AJ1-1421 | 100 | 150 | 1/16 | 1/16 |
| AJ1-1441 | 100 | 250 | 1/16 | 1/16 |
| AJ1-1461 | 100 | 350 | 1/16 | 1/16 |
| AJ1-1471 | 100 | 500 | 1/16 | 1/16 |
| AJ1-1481 | 100 | 600 | 1/16 | 1/16 |
| AJ1-15A1 | 125 | 1000 | 1/16 | 1/16 |
| AJ1-1521 | 125 | 150 | 1/16 | 1/16 |
| AJ1-1541 | 125 | 250 | 1/16 | 1/16 |
| AJ1-1561 | 125 | 350 | 1/16 | 1/16 |
| AJ1-1571 | 125 | 500 | 1/16 | 1/16 |
| AJ1-1581 | 125 | 600 | 1/16 | 1/16 |
| AJ1-1611 | 254 | 100 | 1/16 | 1/16 |
| AJ1-1621 | 254 | 150 | 1/16 | 1/16 |
| AJ1-1641 | 254 | 250 | 1/16 | 1/16 |
| AJ1-1661 | 254 | 350 | 1/16 | 1/16 |
| AJ1-1671 | 254 | 500 | 1/16 | 1/16 |
| AJ1-1681 | 254 | 600 | 1/16 | 1/16 |

Reorder Tip



SecurityLINK tubing material includes a sleeve that provides part number and lot number information to make reordering easy.

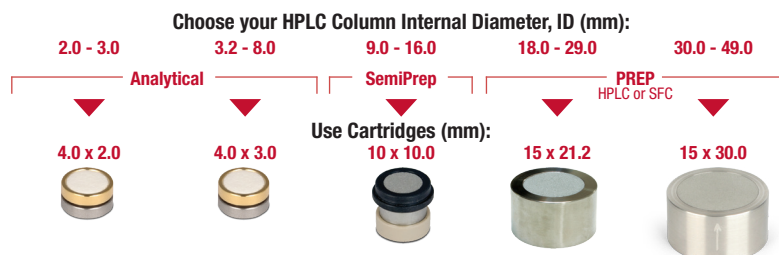
Sidekick Ordering Information

SecurityGuard Universal Guard Cartridges



SecurityGuard Cartridges and Holders

Step 1: Choose column ID
Step 2: Match column phase



| Material | Description | pH Stability | 4.0 x 2.0 | 4.0 x 3.0 | 10 x 10.0 | 15 x 21.2 | 15 x 30.0 |
|--|---|--------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Cartridges for General Purpose / Pharmaceutical | | | /10pk | /10pk | /3pk | ea | ea |
| C18 | (ODS, Octadecyl) | 1.5 - 10 | AJ0-4286 | AJ0-4287 | AJ0-7221 | AJ0-7839 | AJ0-8301 |
| C12 | (Dodecyl) | 1.5 - 10 | AJ0-6073 | AJ0-6074 | AJ0-7275 | AJ0-7842 | AJ0-8304 |
| C8 | (MOS, Octyl) | 1.5 - 10 | AJ0-4289 | AJ0-4290 | AJ0-7222 | AJ0-7840 | AJ0-8302 |
| C5 | (Pentyl) | 1.5 - 10 | AJ0-4292 | AJ0-4293 | AJ0-7372 | — | — |
| C1 | (TMS) | 2 - 9 | — | AJ0-4299 | — | — | — |
| Silica | — | — | AJ0-4347 | AJ0-4348 | AJ0-7223 | AJ0-7229 | AJ0-8312 |
| HILIC | (HILIC) | 1.5 - 8 | AJ0-8328 | AJ0-8329 | AJ0-8902 | — | — |
| NH2 | (Amino, Aminopropyl) | 1.5 - 11 | AJ0-4301 | AJ0-4302 | AJ0-7364 | AJ0-8162 | AJ0-8309 |
| CN | (Cyano, Cyanopropyl) | 2 - 7.5 | AJ0-4304 | AJ0-4305 | AJ0-7313 | AJ0-8220 | AJ0-8311 |
| Phenyl | (Phenylhexyl) | 1.5 - 10 | AJ0-4350 | AJ0-4351 | AJ0-7314 | AJ0-7841 | AJ0-8303 |
| PPF(2) | (Pentafluorophenyl) | 1.5 - 8 | AJ0-8326 | AJ0-8327 | AJ0-8376 | AJ0-8377 | AJ0-8378 |
| SCX | (SA, Strong Cation Exchanger) | 2.5 - 7.5 | AJ0-4307 | AJ0-4308 | — | — | AJ0-8596 |
| SAX | (SB, Strong Anion Exchanger) | 2.5 - 7.5 | — | AJ0-4311 | — | — | — |
| RP-1 | (Reversed Phase - Polymer) | 0 - 14 | — | AJ0-5809 | AJ0-7368 | AJ0-8358 | — |
| Polar-RP | (Ether-linked Phenyl) | 1.5 - 7 | AJ0-6075 | AJ0-6076 | AJ0-7276 | AJ0-7845 | — |
| Fusion-RP | (C18 Polar Embedded) | 1.5 - 10 | AJ0-7556 | AJ0-7557 | AJ0-7558 | AJ0-7844 | — |
| AQ C18 | (Polar Endcapped C18) | 1.5 - 7.5 | AJ0-7510 | AJ0-7511 | AJ0-7512 | AJ0-7843 | AJ0-8305 |
| Gemini™ NX-C18 | (C18 Twin-NX™ Technology) | 1 - 12 | AJ0-8367 | AJ0-8368 | AJ0-8369 | AJ0-8370 | AJ0-8371 |
| Gemini C18 | (C18 Twin™ Technology) | 1 - 12 | AJ0-7596 | AJ0-7597 | AJ0-7598 | AJ0-7846 | AJ0-8308 |
| Gemini C6-Phenyl | (C6-Phenyl Twin Technology) | 1 - 12 | AJ0-7914 | AJ0-7915 | AJ0-9156 | AJ0-9157 | AJ0-9158 |
| Luna™ Omega Polar C18 | (Polar Functional C18) | 1.5 - 10 | AJ0-7600 | AJ0-7601 | AJ0-9519 | AJ0-7603 | AJ0-7604 |
| Luna Omega PS C18 | (Mixed-Mode C18) | 1.5 - 10 | AJ0-7605 | AJ0-7606 | AJ0-9520 | AJ0-7608 | AJ0-7609 |
| Cartridges for Chiral | | | /10pk | /10pk | /3pk | ea | ea |
| <i>For use with chiral columns, such as Lux™ Cellulose-1, -2, -3, -4, i-Cellulose-5, i-Amylose-1, & Amylose-1, -2 (Phenomenex); CHIRALCEL® OD-H®, OJ-H® & CHIRALPAK® AD®-H, IA®, IC®, IG® (DAICEL Corporation)</i> | | | | | | | |
| Lux i-Amylose-1 | Amylose tris (3, 5-dimethylphenylcarbamate) | 2 - 9 | — | AJ0-8641 | AJ0-8642 | AJ0-8643 | AJ0-8644 |
| Lux i-Amylose-3 | Amylose tris (3-chloro-5-methylphenylcarbamate) | 2 - 9 | AJ0-8651 | AJ0-8650 | AJ0-8652 | AJ0-8653 | AJ0-8654 |
| Lux i-Cellulose-5 | Cellulose tris (3, 5-dichlorophenylcarbamate) | 2 - 9 | AJ0-8631 | AJ0-8632 | AJ0-8633 | AJ0-8634 | — |
| Lux Cellulose-1 | Cellulose tris (3, 5-dimethylphenylcarbamate) | 2 - 9 | AJ0-8402 | AJ0-8403 | AJ0-8404 | AJ0-8405 | AJ0-8406 |
| Lux Cellulose-2 | Cellulose tris (3-chloro-4-methylphenylcarbamate) | 2 - 9 | AJ0-8398 | AJ0-8366 | AJ0-8399 | AJ0-8400 | — |
| Lux Cellulose-3 | Cellulose tris (4-methylbenzoate) | 2 - 9 | AJ0-8621 | AJ0-8622 | AJ0-8623 | AJ0-8624 | AJ0-8625 |
| Lux Cellulose-4 | Cellulose tris (4-chloro-3-methylphenylcarbamate) | 2 - 9 | AJ0-8626 | AJ0-8627 | AJ0-8628 | AJ0-8629 | AJ0-8630 |
| Lux Amylose-1 | Amylose tris (3, 5-dimethylphenylcarbamate) | 2 - 9 | AJ0-9337 | AJ0-9336 | AJ0-9344 | AJ0-9338 | AJ0-9339 |
| Lux Amylose-2 | Amylose tris (5-chloro-2-methylphenylcarbamate) | 2 - 9 | AJ0-8471 | AJ0-8470 | AJ0-8472 | AJ0-8473 | — |
| Lux AMP | — | 1 - 11.5 | AJ0-8475 | AJ0-8476 | — | — | — |

| HPLC Guard Cartridge Holders (one-time purchase only) | /kit | /holder | /kit | /kit |
|--|--------------------------|--------------------------|--------------------------|--------------------------|
| Reusable Holder | KJ0-4282 | AJ0-9281 | AJ0-8223 | AJ0-8277 |
| | | | | |
| *For all core-shell and/or < 3 µm particle columns use 2.1 to 4.6mm ID SecurityGuard ULTRA Holder and Cartridges, see page 316 | | | | |
| SFC Guard Cartridge Holders | /kit | /holder | /kit | /kit |
| Reusable Holder | KJ0-4282 | AJ0-9281 | AJ0-8617 | AJ0-8618 |

Additional part numbers are available online!

SecurityGuard ULTRA Cartridges

| Material | Description | pH Stability | Column ID (mm) | | |
|--|---------------------------|--------------|--------------------------|--------------------------|--------------------------|
| | | | 2.1 | 3.0 | 4.6 |
| Cartridges for General Purpose / Pharmaceutical | | | | | |
| | | | /3pk | /3pk | /3pk |
| EVO C18 | (ODS, Octadecyl) | 1.0 – 12.0 | AJ0-9298 | AJ0-9297 | AJ0-9296 |
| C18 | (ODS, Octadecyl) | 1.5 – 8.5* | AJ0-8782 | AJ0-8775 | AJ0-8768 |
| C8 | (MOS, Octyl) | 1.5 – 8.5* | AJ0-8784 | AJ0-8777 | AJ0-8770 |
| PFP | (Pentafluorophenyl) | 1.5 – 8.5* | AJ0-8787 | AJ0-8780 | AJ0-8773 |
| F5 | (Pentafluorophenyl) | 1.5 – 8.5* | AJ0-9322 | AJ0-9321 | AJ0-9320 |
| Biphenyl | (Biphenyl) | 1.5 – 8.5* | AJ0-9209 | AJ0-9208 | AJ0-9207 |
| Phenyl | (Phenylhexyl) | 1.5 – 8.5* | AJ0-8788 | AJ0-8781 | AJ0-8774 |
| HILIC | (HILIC) | 2.0 – 7.5 | AJ0-8786 | AJ0-8779 | AJ0-8772 |
| Polar C18 | (Polar Functional C18) | 1.5 – 8.5* | AJ0-9532 | AJ0-9531 | AJ0-9530 |
| Cartridges for General Purpose / Pharmaceutical (Fully Porous Columns) | | | | | |
| <i>For fully porous columns like Luna™ Omega (Phenomenex)</i> | | | | | |
| C18 | (ODS, Octadecyl) | 1.5 – 8.5* | AJ0-9502 | AJ0-9501 | AJ0-9500 |
| Polar C18 | (Polar Functional C18) | 1.5 – 8.5* | AJ0-9505 | — | — |
| PS C18 | (Positive Functional C18) | 1.5 – 8.5* | AJ0-9508 | — | — |
| Cartridges for Protein and Peptide Reversed Phase | | | | | |
| <i>For use with columns like Aeris™ (Phenomenex)</i> | | | | | |
| Widepore C18 | (ODS, Octadecyl) | 1.5 – 8.5* | AJ0-8783 | — | AJ0-8769 |
| Widepore C8 | (MOS, Octyl) | 1.5 – 8.5* | AJ0-8785 | — | AJ0-8771 |
| Widepore C4 | (Butyl) | 1.5 – 8.5* | AJ0-8899 | — | AJ0-8901 |
| Peptide C18 | (ODS, Octadecyl) | 1.5 – 8.5* | AJ0-8948 | — | AJ0-8946 |
| <i>For use with columns like Biozen™ (Phenomenex)</i> | | | | | |
| Glycan | (Amide Polyol) | 2.0 – 7.5 | AJ0-9800 | — | — |
| Peptide PS-C18 | (Positive Functional C18) | 1.5 – 8.5* | AJ0-9803 | — | — |
| Peptide XB-C18 | (ODS, Octadecyl) | 1.5 – 9.0** | AJ0-9806 | — | AJ0-9808 |
| WidePore C4 | (Butyl) | 1.5 – 9.0** | AJ0-9816 | — | AJ0-9818 |
| Intact XB-C18 | (MOS, Octyl) | 1.5 – 9.0** | AJ0-9812 | — | AJ0-9814 |
| Oligo | (ODS, Octadecyl) | 1.0 – 12.0 | AJ0-9820 | — | AJ0-9822 |
| dSEC-2 1.8 µm | (Diol) | 2.5 – 7.5 | — | — | AJ0-9851 |
| dSEC-2 3 µm | (Diol) | 2.5 – 7.5 | — | — | AJ0-9850 |
| SEC-2 | (Silica) | 1.5 – 8.5 | — | — | AJ0-9850 |
| SEC-3 | (Silica) | 1.5 – 8.5 | — | — | AJ0-9851 |
| Cartridges for Synthetic DNA / RNA Analysis | | | | | |
| <i>For use with columns like Clarity™ (Phenomenex)</i> | | | | | |
| Oligo-MS C18 | (ODS, Octadecyl) | 1.5 – 8.5* | AJ0-9068 | — | — |
| Oligo-XT | (ODS, Octadecyl) | 1.0 – 12.0 | AJ0-9515 | — | AJ0-9514 |
| Cartridges for Silica GFC (Gel Filtration Chromatography) | | | | | |
| <i>(Aqueous SEC) For use with silica GFC columns such as Yarra™ (Phenomenex)</i> | | | | | |
| X150 | — | 1.5 – 8.5 | — | — | AJ0-9512 |
| X300 | — | 1.5 – 8.5 | — | — | AJ0-9513 |



*pH stable 1.5–8.5 under gradient conditions. pH stable 1.5–10 under isocratic conditions.
 **pH range is 1.5–9 under gradient conditions. pH range is 1.5–10 under isocratic conditions.
[AJ0-9000](#) is the universal holder designed for use with 2.1mm, 3.0mm and 4.6mm ID cartridges.



SecurityGuard ULTRA Cartridge Holder

| Part No. | Description | Unit |
|--------------------------|--------------------------------------|------|
| AJ0-9000 | SecurityGuard ULTRA Cartridge Holder | ea |

BE-HAPPY™
 GUARANTEE

Your happiness is our mission. Take 45 days to try our products. If you are not happy, we'll make it right.

www.phenomenex.com/behappy

EVERY LAB

**SUPER
HERO**

NEEDS
A

SIDEKICK



www.phenomenex.com

Phenomenex products are available worldwide.

For the distributor in your country/region, contact Phenomenex USA, International Department at international@phenomenex.com

Australia

t: +61 (0)2-9428-6444
auinfo@phenomenex.com

Austria

t: +43 (0)1-319-1301
anfrage@phenomenex.com

Belgium

t: +32 (0)2 503 4015 (French)
t: +32 (0)2 511 8666 (Dutch)
beinfo@phenomenex.com

Canada

t: +1 (800) 543-3681
info@phenomenex.com

China

t: +86 400-606-8099
cninfo@phenomenex.com

Czech Republic

t: +420 272 017 077
cz-info@phenomenex.com

Denmark

t: +45 4824 8048
nordicinfo@phenomenex.com

Finland

t: +358 (0)9 4789 0063
nordicinfo@phenomenex.com

France

t: +33 (0)1 30 09 21 10
franceinfo@phenomenex.com

Germany

t: +49 (0)6021-58830-0
anfrage@phenomenex.com

Hong Kong

t: +852 6012 8162
hkinfo@phenomenex.com

India

t: +91 (0)40-3012 2400
indiainfo@phenomenex.com

Indonesia

t: +62 21 5010 9707
indoinfo@phenomenex.com

Ireland

t: +353 (0)1 247 5405
eireinfo@phenomenex.com

Italy

t: +39 051 6327511
italiainfo@phenomenex.com

Japan

t: +81 (0) 120-149-262
jpinfo@phenomenex.com

Luxembourg

t: +31 (0)30-2418700
nlinfo@phenomenex.com

Mexico

t: 01-800-844-5226
tecnicomx@phenomenex.com

The Netherlands

t: +31 (0)30-2418700
nlinfo@phenomenex.com

New Zealand

t: +64 (0)9-4780951
nzinfo@phenomenex.com

Norway

t: +47 810 02 005
nordicinfo@phenomenex.com

Poland

t: +48 22 104 21 72
pl-info@phenomenex.com

Portugal

t: +351 221 450 488
ptinfo@phenomenex.com

Singapore

t: +65 800-852-3944
sginfo@phenomenex.com

Slovakia

t: +420 272 017 077
sk-info@phenomenex.com

Spain

t: +34 91-413-8613
espinfo@phenomenex.com

Sweden

t: +46 (0)8 611 6950
nordicinfo@phenomenex.com

Switzerland

t: +41 (0)61 692 20 20
swissinfo@phenomenex.com

Taiwan

t: +886 (0) 0801-49-1246
twinfo@phenomenex.com

Thailand

t: +66 (0) 2 566 0287
thaiinfo@phenomenex.com

United Kingdom

t: +44 (0)1625-501367
ukinfo@phenomenex.com

USA

t: +1 (310) 212-0555
info@phenomenex.com

🌐 **All other countries/regions**
Corporate Office USA
t: +1 (310) 212-0555
info@phenomenex.com

Terms and Conditions

Subject to Phenomenex Standard Terms & Conditions, which may be viewed at www.phenomenex.com/TermsAndConditions.

Trademarks

Presston, Verex, Phenex, Zebtron, Z-Liner, BE-HAPPY, SecurityGuard, SecurityLINK, Aeris, Biozen, Yarra, TWIN-NX, TWIN Technology, Clarity, Gemini, Lux, and Luna are trademarks of Phenomenex. PEEKsil is a trademark of Trajan Scientific Australia Pty Ltd. Agilent is a registered trademark of Agilent Technologies, Inc. Thermo Scientific is a registered trademark of Thermo Fisher Scientific, Inc. Cyrolite is a registered trademark of Evonik Cyro LLC. CHIRALCEL, OD-H, OJ-H, CHIRALPAK, AD, IA, IC, and IG are registered trademarks of DAICEL Corporation. Teflon is a registered trademark of The Chemours Company FC, LLC. timestrip is a registered trademark of Timestrip UK Ltd. AIT is a registered trademark of AIT France. Canary-Safe is a trademark of Analytical Sales and Services. S.C.A.T. is a registered trademark of S.C.A.T.-Europe GmbH. VICI Jour is a registered trademark of Valco Instruments Co. L.P. VapLock is a trademark of Western Fluids, LLC. DURAN is a registered trademark of DWK Life Sciences GmbH.

Disclaimer

Phenomenex is not affiliated with the above companies.

Gemini is patented by Phenomenex. U.S. Patent Nos. 7,563,367 and 8,658,038 and foreign counterparts.

SecurityGuard is patented by Phenomenex. U.S. Patent No. 6,162,362.

CAUTION: this patent only applies to analytical-sized guard cartridge holder, and does not apply to SemiPrep, PREP, or ULTRA holders, or to any cartridges.

FOR RESEARCH USE ONLY. Not for use in clinical diagnostic procedures.

© 2022 Phenomenex, Inc. All rights reserved.