

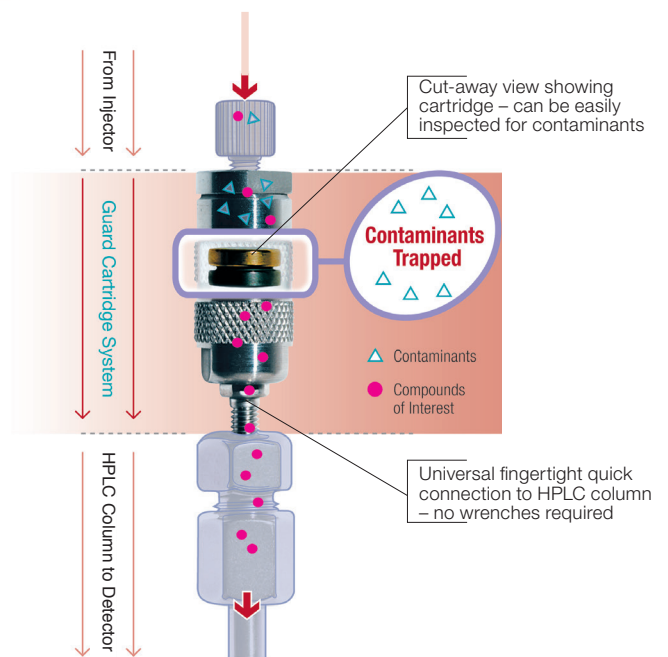
Save More of Your Budget

SecurityGuard extends HPLC column lifetimes, so you replace columns less frequently.

SecurityGuard Offers:

- *Effective (and inexpensive) column protection*
- *More reproducible chromatography*
- *No change in chromatography*
- *Quick and easy to use*

The SecurityGuard HPLC column protection system traps both contaminants and particulates. Once the guard cartridge is exhausted, simply replace it, instead of your expensive HPLC column. The universal reusable holder provides a leak-free connection to virtually any HPLC column.



Special Offer!

Offer Expires:
Mention Offer Code: SECEF19

phenomenex[®]
 ...breaking with traditionSM

Ordering Information

SecurityGuard Cartridges

Step 1: Choose column ID

Step 2: Match column phase

Choose your HPLC Column Internal Diameter, ID (mm):

2.0 - 3.0 3.2 - 8.0

Analytical

Use Cartridges (mm):

4.0 x 2.0 4.0 x 3.0



HPLC Column Protection

| Material | Description | pH Stability | /10pk | /10pk |
|---|---|--------------|--------------|--------------|
| Cartridges for General Purpose/Pharmaceutical | | | | |
| C18 | (ODS, Octadecyl) | 1.5 - 10 | AJO-4286 | AJO-4287 |
| C12 | (Dodecyl) | 1.5 - 10 | AJO-6073 | AJO-6074 |
| C8 | (MOS, Octyl) | 1.5 - 10 | AJO-4289 | AJO-4290 |
| C5 | (Pentyl) | 1.5 - 10 | AJO-4292 | AJO-4293 |
| C1 | (TMS) | 2 - 9 | AJO-4298 | AJO-4299 |
| Silica | — | — | AJO-4347 | AJO-4348 |
| HILIC | HILIC | 1.5 - 8 | AJO-8328 | AJO-8329 |
| NH ₂ | (Amino, Aminopropyl) | 1.5 - 11 | AJO-4301 | AJO-4302 |
| CN | (Cyano, Cyanopropyl) | 2 - 7.5 | AJO-4304 | AJO-4305 |
| Phenyl | (Phenylhexyl) | 1.5 - 10 | AJO-4350 | AJO-4351 |
| PFP(2) | Pentafluorophenyl | 1.5 - 8 | AJO-8326 | AJO-8327 |
| SCX | (SA, Strong Cation Exchanger) | 2.5 - 7.5 | AJO-4307 | AJO-4308 |
| SAX | (SB, Strong Anion Exchanger) | 2.5 - 7.5 | — | AJO-4311 |
| RP-1 | (Reversed Phase - Polymer) | 0 - 14 | AJO-5808 | AJO-5809 |
| Polar-RP | (Ether-linked Phenyl) | 1.5 - 7 | AJO-6075 | AJO-6076 |
| Fusion-RP | (C18 Polar Embedded) | 1.5 - 10 | AJO-7556 | AJO-7557 |
| AQ C18 | (Polar Endcapped C18) | 1.5 - 7.5 | AJO-7510 | AJO-7511 |
| Gemini [®] NX-C18 | (C18 TWIN-NX™ Technology) | 1 - 12 | AJO-8367 | AJO-8368 |
| Gemini C18 | (C18 TWIN™ Technology) | 1 - 12 | AJO-7596 | AJO-7597 |
| Gemini C6-Phenyl | (C6-Phenyl TWIN Technology) | 1 - 12 | AJO-7914 | AJO-7915 |
| Luna [®] Omega Polar C18 | (Polar Functional C18) | 1.5 - 10 | AJO-7600 | AJO-7601 |
| Luna Omega PS C18 | (Mixed-Mode C18) | 1.5 - 10 | AJO-7605 | AJO-7606 |
| Cartridges for Protein and Polypeptide Reversed Phase | | | /10pk | /10pk |
| <i>For use with silica columns for separation of proteins & peptides, such as Jupiter[®] (Phenomenex) and other widepore or 300 Å brands.</i> | | | | |
| Widepore C18 | (ODS, Octadecyl) | 1.5 - 10 | AJO-4320 | AJO-4321 |
| Widepore C5 | (Pentyl) | 1.5 - 10 | AJO-4326 | AJO-4327 |
| Widepore C4 | (Butyl) | 1.5 - 10 | AJO-4329 | AJO-4330 |
| <i>For use with columns like bioZen™ (Phenomenex).</i> | | | | |
| Peptide PS-C18 | (Positive Functional C18) | 1.5 - 8.5 | AJO-7605 | AJO-7606 |
| Ion-Exchange | (Weak Cation Exchanger) | 2 - 12 | — | AJO-9400 |
| Cartridges for Silica GFC | | | — | /10pk |
| <i>(Aqueous SEC) For use with silica GFC columns, such as Yarra™ and BioSep™ (Phenomenex); ZORBAX[®] GF-Series (Agilent); Bio-Sil[®] (Bio-Rad).</i> | | | | |
| GFC-2000 | — | 2 - 7.5 | — | AJO-4487 |
| GFC-3000 | — | 2 - 7.5 | — | AJO-4488 |
| GFC-4000 | — | 2 - 7.5 | — | AJO-4489 |
| Cartridges for Chiral | | | /10pk | /10pk |
| <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[®], CHIRALCEL[®] OJ-H[®] & CHIRALPAK[®] AD[®]-H, IA[®], IC[®] (DAICEL Corporation)</i> | | | | |
| Lux i-Amylose-1 | Amylose tris (3, 5-dimethylphenylcarbamate) | 2 - 9 | AJO-8640 | AJO-8641 |
| Lux i-Cellulose-5 | Cellulose tris (3, 5-dichlorophenylcarbamate) | 2 - 9 | AJO-8631 | AJO-8632 |
| Lux Cellulose-1 | Cellulose tris (3, 5-dimethylphenylcarbamate) | 2 - 9 | AJO-8402 | AJO-8403 |
| Lux Cellulose-2 | Cellulose tris (3-chloro-4-methylphenylcarbamate) | 2 - 9 | AJO-8398 | AJO-8366 |
| Lux Cellulose-3 | Cellulose tris (4-methylbenzoate) | 2 - 9 | AJO-8621 | AJO-8622 |
| Lux Cellulose-4 | Cellulose tris (4-chloro-3-methylphenylcarbamate) | 2 - 9 | AJO-8626 | AJO-8627 |
| Lux Amylose-1 | Amylose tris (3, 5-dimethylphenylcarbamate) | 2 - 9 | AJO-9337 | AJO-9336 |
| Lux Amylose-2 | Amylose tris (5-chloro-2-methylphenylcarbamate) | 2 - 9 | AJO-8471 | AJO-8470 |
| Lux AMP | — | 1 - 11.5 | AJO-8475 | AJO-8476 |
| Cartridges for Carbohydrate/Organic Acid | | | — | /10pk |
| <i>For organic acid and carbohydrate analysis, such as Rezex™ (Phenomenex); Aminex[®] (Bio-Rad); Sugar-Pak™ (Waters).</i> | | | | |
| Carbo-H ⁺ | — | 1 - 8 | — | AJO-4490 |
| Carbo-Ag ⁺ | — | Neutral | — | AJO-4491 |
| Carbo-Pb ⁺² | — | Neutral | — | AJO-4492 |
| Carbo-Ca ⁺² | — | Neutral | — | AJO-4493 |
| Guard Cartridge Holders (one-time purchase only) | | | /kit | /kit |
| | | | KJO-4282 | |

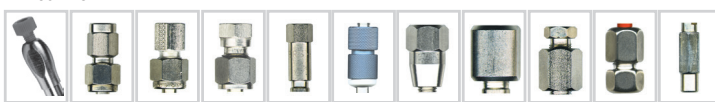


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www.phenomenex.com/guardit

*For use with saccharide and oligosaccharide columns in Ag⁺ form.

Fits virtually all your HPLC columns!



Terms and Conditions

Limit six SecurityGuard Standard cartridge packs and one SecurityGuard Standard holder per company. Offer must be specified at time of order and may not be combined with any other discount or promotional item. Offer applies to endusers only. Phenomenex reserves the right to refuse sale at its discretion. Subject to Phenomenex Standard Terms & Conditions, which may be viewed at www.phenomenex.com/TermsAndConditions.

Trademarks

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Gemini is patented by Phenomenex U.S. Patent No. 7,536,367 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 the analytical-sized guard cartridge holder, and does not apply to SemiPrep, PREP or ULTRA holders, or to any cartridges.

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