

Ultracarb™

- Excellent peak shape for basic compounds, free fatty acids, triglycerides, fat-soluble vitamins, and other lipophilic compounds

Ultracarb C8 offers a high carbon load material with somewhat different selectivity than the two Ultracarb ODS phases.

Ordering Information

Analytical Columns (mm)					SecurityGuard™ Cartridges (mm)
Phases	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	4 x 3.0
3 µm ODS (20)	00B-0205-EQ	00D-0205-EQ	00F-0205-EQ	—	AJ0-4287
5 µm C8	—	—	00F-2134-EQ	00G-2134-EQ	AJ0-4290
5 µm ODS (20)	—	—	00F-0206-EQ	00G-0206-EQ	AJ0-4287
5 µm ODS (30)	—	00D-0351-EQ	00F-0351-EQ	00G-0351-EQ*	AJ0-4287

for ID: 3.2-8.0 mm



*IMPORTANT: Phenomenex highly recommends the use of 150 mm column length, as opposed to the “traditional” 250 mm column length, when the 5 µm ODS (30) phase is desired. In those cases when the additional retention and resolution of a 250 mm column is desired, please be aware that column backpressure with Ultracarb 5 µm ODS (30) can be 50 to 100 % higher than that experienced with “standard” ODS columns. This relatively high backpressure is a function of the hydrophobicity of the 5 µm ODS (30) phase; higher backpressure is completely “natural” with this phase and will have no ill consequence for the column.

SecurityGuard™ Analytical Cartridges require holder, Part No.: [KJ0-4282](#)

Ultremex™

- For all new methods we recommend Luna columns
- Spherical, silica material

Ordering Information

5 µm Analytical Columns (mm)			SecurityGuard™ Cartridges (mm)
Phases	150 x 4.6	250 x 4.6	4 x 3.0
C8	00F-0047-EQ	—	AJ0-4290
C18	00F-0048-EQ	00G-0048-EQ	AJ0-4287

for ID: 3.2-8.0 mm

SecurityGuard™ Analytical Cartridges require holder, Part No.: [KJ0-4282](#)

Ultron® ES

Manufactured by Shinwa Chemical Industries, Ltd.

- Two complementary protein-based chiral stationary phases
- Easy to use with reversed-phase mobile phases
- Racemic separation without derivatization
- pH range from 3.0 to 7.5



Protect your valuable column investment with the disposable KrudKatcher™ pre-column filter, see p. 15
For In-line Filters specifically designed to protect your chiral column investment, see p. 15



For Chiral Column Performance Check Standards, see p. 425



For HPLC Column Heater System (25-90°C), see p. 416

Ordering Information

Ultron ES Chiral Columns			
Column	µm	Size (mm)	ES-OVM
Analytical	5	150 x 4.6	702111651
Analytical & Guard	5	150 x 4.6	702111651A