

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

SecurityGuard™ Analytical Cartridges require holder, Part No.: KJO-4282

Phases	Minibore and MidBore™ Columns (mm)		SecurityGuard™ Cartridges (mm)	
	150 x 2.0	150 x 3.2	4 x 2.0	4 x 3.0
			/10pk	/10pk
3 µm ODS (20)	—	—	AJO-4286	AJO-4287
5 µm ODS (20)	—	00F-0206-R0	AJO-4286	AJO-4287
5 µm ODS (30)	00F-0351-B0	00F-0351-R0	AJO-4286	AJO-4287

for ID: 2.0-3.0 mm 3.2-8.0 mm

SecurityGuard™ Analytical Cartridges require holder, Part No.: KJO-4282

Phases	Analytical Columns (mm)				SecurityGuard™ Cartridges (mm)
	50 x 4.6	100 x 4.6	150 x 4.6	250 x 4.6	4 x 3.0
					/10pk
3 µm ODS (20)	00B-0205-E0	00D-0205-E0	00F-0205-E0	00G-0205-E0	AJO-4287
5 µm C8	—	—	00F-2134-E0	00G-2134-E0	AJO-4290
5 µm ODS (20)	—	—	00F-0206-E0	00G-0206-E0	AJO-4287
5 µm ODS (30)	00B-0351-E0	00D-0351-E0	00F-0351-E0	00G-0351-E0*	AJO-4287
7 µm ODS (30)	—	—	—	00G-0352-E0	AJO-4287

for ID: 3.2-8.0 mm

Ultremex™

guarantee

Ultremex™ is a **GUARANTEED** alternative to Ultrasphere® at a significant cost savings

If you do not find Ultremex to be a direct alternative to Ultrasphere with the same phase, particle size, and dimensions, return the column with comparative data within 45 days for a FULL REFUND.

Ordering Information and Cross-Reference Chart

Ultrasphere		Phenomenex Ultremex		
Description (mm)	Part No.	Part No.	Description (mm)	Price
3 µm				
C18	75 x 4.6	244254	00C-0039-E0	75 x 4.6
5 µm				
C8	150 x 4.6	235333	00F-0047-E0	150 x 4.6
C8	250 x 4.6	235332	00G-0047-E0	250 x 4.6
C18	150 x 4.6	235330	00F-0048-E0	150 x 4.6
C18	250 x 4.6	235329	00G-0048-E0	250 x 4.6
C18 IP	250 x 4.6	235335	00G-0048-E0	250 x 4.6

Are you still using Ultrasphere® Guards? Upgrade to SecurityGuard™

Ultrasphere Guards		Phenomenex SecurityGuard Replacement*	
Phase	Part No.	Part No.	Price: 10/pk
Ultrasphere Octyl (C8)	243532	AJO-4290	
Ultrasphere ODS (C18)	243533	AJO-4287	
Ultrasphere ODS Ion Pair (IP)	235329	AJO-4287	
Ultrasphere Si (Silica)	244011	AJO-4348	
Ultrasphere Cyano (CN)	244072	AJO-4305	
Guard Holder	Part No.	Guard Holder	Price: kit
Holder Assembly, XL Columns	237060	KJO-4282	

*Protects 3.2-8.0 mm ID columns

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93