

Waters® Spherisorb® Columns

All Waters® columns are packed by Grace to our highest QC standards. Spherisorb® columns have 80Å pores and 220m²/g surface area. ODS-1 is unendcapped with a 6% carbon load, and ODS-2 is endcapped with a 12% carbon load.

Spherisorb® HPLC Columns

Packing	Format	i.d. x Length	Part No.	Waters® Fittings Part No.
ODS-1, 5µm	Analytical	4.6 x 150mm	8441	—
	Analytical	4.6 x 250mm	8364	—
ODS-2, 3µm	Analytical	4.6 x 150mm	8558	—
	Analytical	4.6 x 250mm	8736	8738
Phenyl, 5µm	Analytical	4.6 x 150mm	8689	—
	Analytical	4.6 x 250mm	8752	8754
Cyano, 5µm	Analytical	4.6 x 150mm	8713	—
	Analytical	4.6 x 250mm	8361	8362
Amino, 5µm	Analytical	4.6 x 150mm	8739	—
	Analytical	4.6 x 250mm	8371	—
Silica, 3µm	Analytical	4.6 x 100mm	8382	8383
Silica, 5µm	Analytical	4.6 x 150mm	8389	—
	Analytical	4.6 x 250mm	8376	—
SAX, 5µm	Analytical	4.6 x 250mm	8765	—

Spherisorb® All-Guard™ Cartridges*

Packing	i.d. x Length	Qty.	Part No.
ODS-1, 5µm	4.6 x 7.5mm	3	96218
ODS-2, 5µm	4.6 x 7.5mm	3	96219
Amino, 5µm	4.6 x 7.5mm	3	96224
SAX, 5µm	4.6 x 7.5mm	3	96228
All-Guard™ Cartridge Holder (Includes Direct-Connect Column Coupler)		ea	80101

*All-Guard™ holder required. Other particle sizes available.

more info

If you like Spherisorb®, try Grace's lower cost Allsphere™ on page 59.



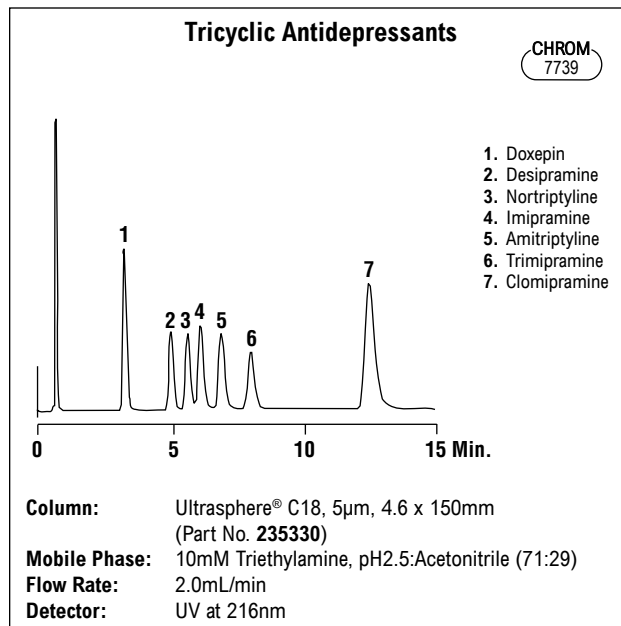
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Beckman® Ultrasphere® Columns

- Low metal content for symmetrical peaks
- Narrow particle size range for high efficiency
- Maximum surface coverage for long column lifetimes

All Ultrasphere® columns are packed by Grace to our highest QC standards. Ultrasphere® columns are highly endcapped to reduce silanol interactions and have a narrow particle size range for excellent resolving power.



Ultrasphere® HPLC Columns

Packing	Format	i.d. x Length	Part No.
C18, 3µm	Analytical	4.6 x 75mm	244254
C18, 5µm	Analytical	4.6 x 150mm	235330
	Analytical	4.6 x 250mm	235329
	Prep	10 x 250mm	235328
C18-IP, 5µm	Analytical	4.6 x 250mm	235335
C8, 5µm	Analytical	4.6 x 250mm	235332
	Analytical	4.6 x 250mm	244071
Cyano, 5µm	Analytical	4.6 x 150mm	244070
	Analytical	4.6 x 250mm	244071
Silica, 5µm	Analytical	4.6 x 150mm	235342
	Analytical	4.6 x 250mm	235341

Ultrasphere® Guard Columns

Description	i.d. x Length	Qty.	Part No.
C18, 5µm	4.6 x 45mm	ea	243536

Ultrasphere® guard columns connect directly to the analytical column with a zero dead volume connector, or a small piece of tubing with finger tight fittings. No holder required.