

ZORBAX NH2

- Amino-propyl silane phase bonded to ZORBAX SIL
- Used for normal-phase and weak anion-exchange, and reversed-phase HPLC of polar compounds
- Vitamins A and D are separated in the normal-phase mode
- Carbohydrates and sugars are separated in the reversed-phase mode

Column Specifications

Phase	Pore Size	Surface Area	pH Range	Endcapped	Carbon Load
ZORBAX Rx-SIL	80Å	180 m ² /g	0-8.0	No	
ZORBAX Eclipse XDB-CN	80Å	180 m ² /g	2.0-8.0	Yes	4.3%
ZORBAX SIL	70Å	300 m ² /g	0-8.0	No	
ZORBAX CN	70Å	300 m ² /g	2.0-7.0	Yes	7%
ZORBAX NH2	70Å	300 m ² /g	2.0-7.0	Yes	4%

TIPS & TOOLS



Pursuit XRs Silica is another choice for normal-phase chromatography. For more information, see pages 295-296.

Normal-Phase Columns Based on ZORBAX Original SIL

Hardware	Description	Size (mm)	Particle Size (µm)	SIL USP L3	CN USP L10	NH2 USP L8	Carbohydrate Analysis*
Standard Columns (no special hardware required)							
	Semi-Prep	9.4 x 250	5	880952-201	880952-205	880952-208	
	Analytical	4.6 x 250	5	880952-701	880952-705	880952-708	840300-908
	Analytical	4.6 x 150	5	883952-701	883952-705	883952-708	843300-908
	Narrow Bore	2.1 x 50	5			860700-708	
Guard Columns (hardware required)							
P	Guard Cartridge, 2/pk	9.4 x 15	5	820675-119	820675-111	820675-111	
ZGC	Guard Cartridge, 4/pk	4.6 x 12.5	5	820950-901	820950-905	820950-908	820950-908
ZGC	Guard Cartridge, 4/pk	2.1 x 12.5	5				
P	Guard Hardware Kit	9.4 x 15		840140-901	840140-901	840140-901	
ZGC	Guard Hardware Kit			820999-901	820999-901	820999-901	820999-901
PrepHT Cartridge Columns (require endfittings kit 820400-901)							
PI	PrepHT Cartridge	21.2 x 250	7	877952-101	877952-105	877952-108	
PI	PrepHT Endfittings, 2/pk			820400-901	820400-901	820400-901	
PI	Guard Cartridge Hardware			820444-901			

*Columns ship in acetonitrile:water and are tested with a mix of sugars.