

# VertiBond™ 225

## VertiBond™ 225 Capillary Columns

- 50% Cyanopropylphenyl, 50% Dimethylpolysiloxane
- Intermediate polar stationary phase
- High temperature range
- High efficiency, high inertness columns

VertiBond™ 225 column contains 50% Cyanopropylphenyl, 50% Methylpolysiloxane stationary phases. This large number of cyano groups provides high polarity and slightly lower temperature. VertiBond™ 225 ideals for separating cis- and trans-FAMES.



VertiBond™ 225 Capillary Columns

Length (m)	I.D. (mm)	Film (µm)	Temp. Limits (°C)	Part No.	
15	0.25	0.10	220/240	0413-2001	
		0.15	220/240	0413-2021	
		0.20	220/240	0413-2041	
		0.25	220/240	0413-2051	
		0.50	220/240	0413-2081	
		0.32	0.10	220/240	0413-3001
			0.15	220/240	0413-3021
			0.25	220/240	0413-3051
			0.50	220/240	0413-3091
		0.45	0.85	200/220	0413-4101
0.53	0.10	0.10	200/220	0413-5001	
		0.25	200/220	0413-5051	
		0.50	200/220	0413-5091	
		1.00	200/220	0413-5111	
		25	0.25	0.20	220/240
25	0.53	1.20	200/220	0413-5122	
		30	0.25	0.10	200/220
0.15	200/220	0413-2023			
0.25	200/220	0413-2053			
0.50	200/220	0413-2093			
0.32	0.10	200/220		0413-3003	
	0.15	200/220		0413-3023	
	0.25	200/220		0413-3053	
0.30	0.30	220/240		0413-3063	
	0.50	220/240		0413-3093	
0.45	0.85	200/220		0413-4103	
0.53	0.10	0.10	200/220	0413-5003	
		0.25	200/220	0413-5053	
		0.50	200/220	0413-5093	
		1.00	200/220	0413-5113	
		1.20	200/220	0413-5123	

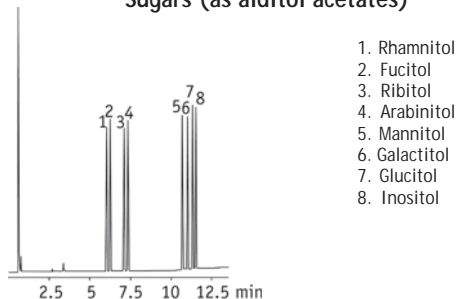
VertiBond™ 225 Specifications

Phase:	50% Cyanopropylphenyl, 50% Dimethylpolysiloxane
Polarity:	Intermediate Polar
USP Designation:	G19
Ideal for:	Carbohydrates and Solvents

VertiBond™ 225 equivalent phase

Restek	Rtx-225
Agilent	HP-225, DB-225
Supelco	SPB-2250, SPB-50
Alltech	AT-225
SGE	BPX-50
Varian	CP-SIL24CB, CP-SIL43CB
Ohio Valley	OV-225
Phenomenex	ZB-50

Sugars (as alditol acetates)



1. Rhamnitol
2. Fucitol
3. Ribitol
4. Arabinitol
5. Mannitol
6. Galactitol
7. Glucitol
8. Inositol

Column: VertiBond™ 225, 15m x 0.25mm, 0.25µm  
 Part No.: 0413-2051  
 Temp: 190°C (hold 5 min), 190°C-250°C at 8°C/min, 250°C (hold 5 min)  
 Injector: 0.5 mL split injection  
 Detector: FID  
 Carrier Gas: Hydrogen