

Delta-Pak Columns *Continued*

Delta-Pak C ₁₈ , 100 Å	PREPARATIVE COLUMNS	
	Particle Size: 15 µm	
	Dimension	P/N (1/pk)
	3.9 × 300 mm	WAT011797
	7.8 × 300 mm	WAT011798
	19 × 300 mm	WAT011799
	30 × 300 mm	WAT011800
	50 × 300 mm	WAT011801

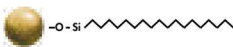
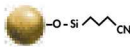
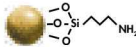
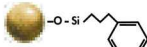
Delta-Pak C ₄ , 100 Å	PREPARATIVE COLUMNS	
	Particle Size: 15 µm	
	Dimension	P/N (1/pk)
	3.9 × 300 mm	WAT011807
	7.8 × 300 mm	WAT011808
	19 × 300 mm	WAT011809
	30 × 300 mm	WAT011810

µBondapak/Bondapak Columns

Waters makes the only column that contains the µBondapak™ C₁₈ packing material. Other column manufacturers claim their products exhibit “µBondapak-like” selectivity. Yet none of them have ever passed Waters’ stringent QC batch tests. Since 1973, µBondapak and Bondapak™ packing materials demonstrate year-to-year reproducibility, which is why µBondapak remains among the most frequently referenced column brands.



Column Characteristics

	C ₁₈ , 125 Å	CN, 125 Å	NH ₂ , 125 Å	Phenyl, 125 Å
	HPLC: 10 µm	HPLC: 10 µm	HPLC: 10 µm	HPLC: 10 µm
Ligand Benefit	General purpose, balanced retention for acids, bases, and neutrals	General purpose, contrasting selectivity for polar compounds versus C ₁₈ . For use in normal or reversed-phase modes	Contrasting selectivity for polar compounds versus C ₁₈ . For use in normal or reversed-phase modes	Alternate selectivity versus C ₁₈ , provides better retention of aromatic compounds
Particle/Ligand				
Carbon Load*	10%	6%	3.5%	8%
Endcapped	Yes	Yes	No	Yes
USP Class No.	L1	L1	L8	L11
Performance Standards	Neutrals QC Reference Material p/n: 186006360	—	—	Neutrals QC Reference Material p/n: 186006360
Application Standards	Reversed-Phase QC Reference Material p/n: 186006363	—	—	Reversed-Phase QC Reference Material p/n: 186006363

*Expected or approximate value.