

Nova-Pak Columns

The bonded phases of Nova-Pak™ Columns, available in 4 and 6 µm particle sizes, offer high resolution and fast, efficient chromatography. When used with relatively short column lengths, the smaller particles reduce solvent consumption while retaining their ability to resolve complex mixtures. Steel analytical columns packed with 4 µm particles are available in 75, 150, and 300 mm lengths. Packed with high efficiency 6 µm particles, semi-preparative Prep Nova-Pak Columns provide an unparalleled range of separation possibilities. Their faster separations produce concentrated fractions, and they require less solvent, significantly reducing costs.



Column Characteristics

	C ₁₈ , 60 Å	C ₁₈ , 60 Å	Phenyl, 60 Å	CN, 60 Å	Silica, 60 Å
	HPLC: 4 µm	HPLC: 4, 6 µm	HPLC: 4 µm	HPLC: 4 µm	HPLC: 4, 6 µm
Ligand Benefit	Better retention for strong hydrophobic compounds	Balanced retention for polar and nonpolar compounds	Better retention for aromatic compounds	Alternate retention for polar compounds	No ligand, best for polar compound retention when used in normal phase mode
Particle/Ligand					
Carbon Load*	4%	7%	5%	2%	N/A
Endcapped	Yes	Yes	Yes	Yes	No
USP Class No.	L7	L1	L11	L10	L3
Performance Standards	Neutrals QC Reference Material p/n: 186006360	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	Reversed-Phase QC Reference Material p/n: 186006363	—	—

*Expected or approximate value.

Ordering Information

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Nova-Pak C ₁₈	ANALYTICAL COLUMNS	
	Particle Size: 4 µm	
	Dimension	P/N (1/pk)
	2.1 × 150 mm	WAT023655
	3.9 × 75 mm	WAT011670
	3.9 × 150 mm	WAT086344
	3.9 × 300 mm	WAT011695
	4.6 × 150 mm	WAT044375

Nova-Pak C ₁₈	PREPARATIVE COLUMNS	
	Particle Size: 6 µm	
	Dimension	P/N (1/pk)
	3.9 × 300 mm	WAT038500
	7.8 × 300 mm	WAT025820
	19 × 300 mm	WAT025822

For Nova-Pak Preparative Columns, please refer to [page 299](#).