

Separations | HPLC Columns ProteCol™ C18

Turn Imagination into Results

High quality phases and a variety of hardware options provide a perfect match for all your separation needs.

Features and Benefits

- A range of C18 phases including options for pore size and pH stability.
- Reduced sample and column preparation time.
- Improved peak shape, reproducibility and sensitivity.
- Reduced carry over.

Recommended Applications

General purpose reverse phase separations.

Product Specifications

0.15, 0.3, 1, 2.1, 3, and 4.6 mm ID columns available in 50, 100, 150, 250 mm lengths.

PEEK coated, and PEEKsil™, column hardware available to reduce non-specific interactions when analyzing compounds with metal chelating activity.

Phase	Specifications	Pore Size (Å)	Particle Size (µm)	Pore Volume (ml)	Surface Area	Carbon Load %	USP Code
C18 Q	<ul style="list-style-type: none"> • Ultra pure silica • Fully end capped optimized C18 phases 	100	3, 5	1.0 ± 0.1	400 ± 40	16.8	L1
C18 G	<ul style="list-style-type: none"> • Stable in aqueous conditions • Reduces non-specific analyte interactions • Separates polar compounds • pH stability 1 - 9 	120	2.5, 3, 5, 10	1.0 ± 0.1	300 ± 40	17.1	L1
		200	3, 5	1.0 ± 0.1	200 ± 30	12.6	L1
		300	3, 5	1.0 ± 0.1	100 ± 20	6.9	L1
C18 H	<ul style="list-style-type: none"> • Modified bonded phase making it easier to work from low to high pH using the same column • Novel chemical bonding ensuring stability under extreme alkaline and acidic conditions • pH stability 1 -11 	120	5	1.0 ± 0.1	300 ± 40	20.9	L1
C18 P	<ul style="list-style-type: none"> • Polar embedded C18 • 100 % compatible with water • pH stability 1 - 9 	120	3, 5	1.0 ± 0.1	300 ± 40	14.5	L1



For more information about this product visit www.sge.com or contact techsupport@sge.com.