

## MaxPeak Premier Columns Featuring MaxPeak High Performance Surfaces

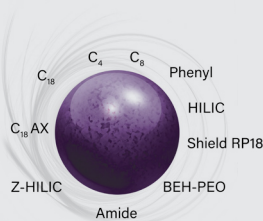
Good chromatography is as much about preventing the detrimental interactions you don't want, as it is creating the ones you do.

Waters™ MaxPeak™ Premier Columns enable scientists to have more control over their chromatographic separations with the inclusion of MaxPeak High Performance Surfaces (HPS). MaxPeak HPS are innovative technologies designed to increase analyte recovery, sensitivity, and reproducibility by minimizing analyte/surface interactions that can lead to sample losses. In MaxPeak Premier Columns, this technology mitigates the loss of metal sensitive analytes, such as lipids, organic acids, acidic peptides, oligonucleotides, or other compounds containing phosphate or carboxylate functionalities.

### MaxPeak Premier Columns provide:

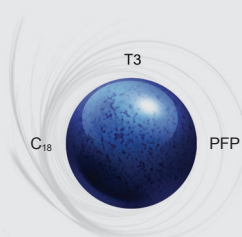
- Reduced column conditioning and passivation times
- Improved sensitivity and peak shapes
- Simpler mobile phases, without complex additives
- Time savings in method development
- Reduced risk and greater confidence in data and decision making

Available with particle technologies and quality manufacturing you can trust for small molecule, peptide, oligonucleotide, protein, and glycan separations in reversed-phase, HILIC, and SEC separation modes.



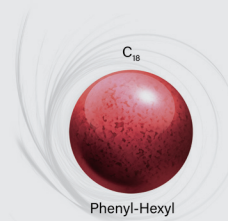
### BEH Technology™

- Good universal column choice for a wide variety of compounds
- Exceptional peak shape for basic analytes at elevated pH
- Stable across a wide pH range
- Stable at high temperatures



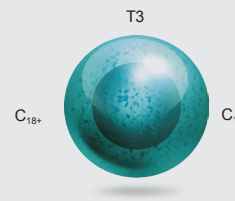
### HSS Technology

- Increased retentivity over hybrid materials
- Widest selectivity space with C<sub>18</sub>, T3, C<sub>18</sub> SB, Cyano, and PFP chemistries
- High strength silica (HSS) for mechanical stability



### CSH™ Technology

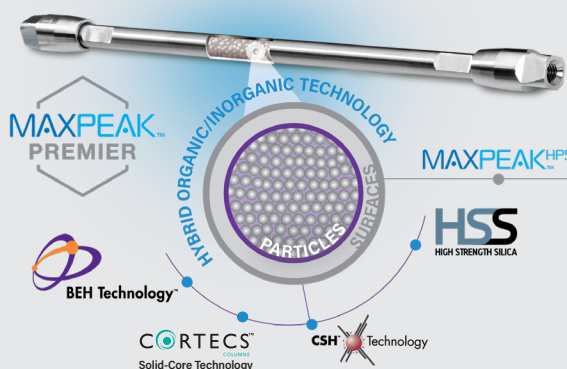
- Excellent peak shape for basic compounds under acidic, low ionic strength conditions
- Excellent MS performance with formic acid as a mobile phase modifier
- Fast pH switching and column equilibration

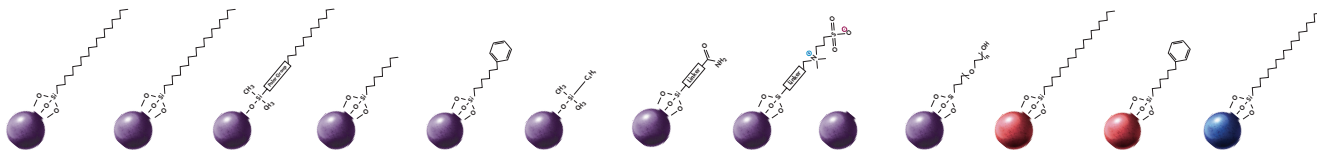


### CORTECS Solid-Core Technology

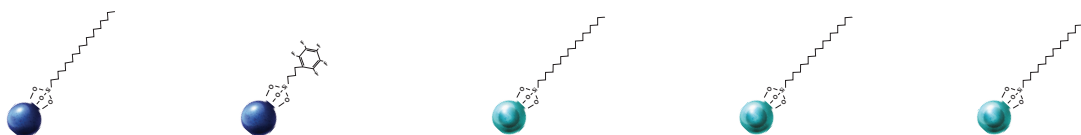
- Maximum efficiency
- Increased sample throughput\*
- Lower column backpressure\*

\*compared to fully porous particles of equivalent size





	C <sub>18</sub>	C <sub>18</sub> AX	Shield RP18	C <sub>8</sub>	Phenyl	C <sub>4</sub>	Amide	Z-HILIC	HILIC	BEH-PEO	CSH C <sub>18</sub>	CSH Phenyl-Hexyl	HSS T3
Ligand density	3.1 μmol/m <sup>2</sup>	1.6 μmol/m <sup>2</sup>	3.3 μmol/m <sup>2</sup>	3.2 μmol/m <sup>2</sup>	3.0 μmol/m <sup>2</sup>	2.4 μmol/m <sup>2</sup>	7.5 μmol/m <sup>2</sup>	3.0 μmol/m <sup>2</sup>	n/a	1.5 μmol/m <sup>2</sup>	2.3 μmol/m <sup>2</sup>	2.3 μmol/m <sup>2</sup>	1.6 μmol/m <sup>2</sup>
Pore diameter	130 Å, 300 Å	95 Å	130 Å	130 Å	130 Å	300 Å	130 Å	95 Å	130 Å	250 Å	130 Å	130 Å	100 Å
Carbon load	18%	17%	17%	13%	15%	8%	12%	17%	unbonded	12%	15%	14%	11%
Endcap style	proprietary	proprietary	TMS	proprietary	proprietary	none	none	none	none	none	proprietary	proprietary	proprietary
pH range	1-12	2-10	2-11	1-12	1-12	2-10	2-11	2-10	1-9	2.5-8	1-11	1-11	2-8
Low pH temp. limit	80 °C	60 °C	50 °C	60 °C	80 °C	80 °C	90 °C	60 °C	45 °C	60 °C	80 °C	80 °C	45 °C
High pH temp. limit	60 °C	60 °C	45 °C	60 °C	60 °C	50 °C	90 °C	60 °C	45 °C	60 °C	45 °C	45 °C	45 °C
Surface area	185 m <sup>2</sup> /g	270 m <sup>2</sup> /g	185 m <sup>2</sup> /g	185 m <sup>2</sup> /g	185 m <sup>2</sup> /g	90 m <sup>2</sup> /g	185 m <sup>2</sup> /g	270 m <sup>2</sup> /g	185 m <sup>2</sup> /g	174 m <sup>2</sup> /g	185 m <sup>2</sup> /g	185 m <sup>2</sup> /g	230 m <sup>2</sup> /g
USP classification	L1	L78	L1	L7	L11	L26	L68	L122	L3	L33	L1	L11	L1



	HSS C <sub>18</sub>	HSS PFP	CORTECS C <sub>18</sub>	CORTECS C <sub>18</sub> +	CORTECS T3
Ligand density	3.2 μmol/m <sup>2</sup>	3.2 μmol/m <sup>2</sup>	2.7 μmol/m <sup>2</sup>	2.4 μmol/m <sup>2</sup>	1.6 μmol/m <sup>2</sup>
Pore diameter	100 Å	100 Å	90 Å	90 Å	120 Å
Carbon load	15%	7%	6.6%	5.7%	4.7%
Endcap style	proprietary	none	proprietary	proprietary	proprietary
pH range	1-8	2-8	2-8	2-8	2-8
Low pH temp. limit	45 °C	45 °C	45 °C	45 °C	45 °C
High pH temp. limit	45 °C	45 °C	45 °C	45 °C	45 °C
Surface area	230 m <sup>2</sup> /g	230 m <sup>2</sup> /g	100 m <sup>2</sup> /g	100 m <sup>2</sup> /g	100 m <sup>2</sup> /g
USP classification	L1	L43	L1	L1	L1

## MAXPEAK PREMIER COLUMNS FOR BIOSEPARATIONS

### PEPTIDE ANALYSIS

#### ACQUITY Premier BEH C<sub>18</sub> and XBridge™ Premier BEH C<sub>18</sub> Particle Technology

- Outstanding peak capacity and superior peak shape in TFA, DFA, and FA
- Two pore sizes (130 Å and 300 Å) to provide different separation selectivities for small and large peptides

#### ACQUITY Premier CSH C<sub>18</sub> and XSelect™ CSH C<sub>18</sub> Premier Particle Technology

- Accepts greater peptide mass loads for improved low-level detection of impurities
- Excellent performance with TFA for optical applications, FA for MS, and DFA for dual detection

#### ACQUITY Premier HSS T3 and XSelect HSS T3 Premier Particle Technology

- Ideal choice for the separation of small, polar peptides with greater retentivity than hybrid (BEH, CSH) particle technology columns

### PROTEIN AGGREGATE, MONOMER, AND FRAGMENT ANALYSIS

#### ACQUITY Premier Protein SEC and XBridge Premier Protein SEC 250 Å, 1.7 µm and 2.5 µm Particle Technology

- Efficiently separate protein size variants from simple to complex biotherapeutics (*e.g.*, mAb, ADCs, bi-specifics, fusion proteins) that range from approximately 10,000 to 650,000 Daltons in a single SEC analysis for reliable component quantitation
- Minimize method development by using a single SEC buffer formulation without the need for co-solvents/additives for a variety of samples without sacrificing resolution
- Reduce the cost per analysis using MaxPeak Premier SEC 250 Å Guards that will not degrade the quality of challenging applications

The measurement of therapeutic biological molecules requires standards and reagents designed specifically to ensure that your LC and LC-MS systems are fit-for-purpose. To meet this requirement, Waters developed a portfolio of Life Science consumables. Using high-quality standards, reagents, and sample preparation products specifically designed for critical life science applications will help drive successful results and add an additional layer of assurance to your analyses.

- Choose from a range of specially designed products, specifically the NIST-line of standards
- Achieve consistent, repeatable results with QC-tested standards and application kits
- Add confidence and assurance to your analyses with IonHance™ mobile phase additives

[waters.com/biostds](http://waters.com/biostds)

### OLIGONUCLEOTIDE ANALYSIS

#### ACQUITY Premier BEH C<sub>18</sub> and XBridge Premier BEH C<sub>18</sub> Particle Technology

- Outstanding peak capacity and superior peak shape and lifetime in HFIP, HAA, and TEA
- Two pore sizes (130 Å and 300 Å) to provide different separation selectivities

### GLYCAN ANALYSIS

#### ACQUITY Premier BEH Amide and XBridge Premier BEH Amide Particle Technology

- Best suited for the analysis of released, N-labeled glycans using pre-column labeling with 2-AB, 2-AA, or Waters innovative and enabling RapiFluor-MS™ reagent
- Two pore sizes (130 Å and 300 Å) to provide different selectivities from released glycans to large glycans, glycopeptides, and glycoproteins

#### ACQUITY Premier BEH C<sub>18</sub> AX and XBridge Premier BEH C<sub>18</sub> AX Particle Technology

- Charge-based separation of neutral-to-highly acidic released N-glycans
- Improved resolution and recovery for sialylated and phosphorylated glycans

### INTACT AND SUBUNIT PROTEIN ANALYSIS

#### ACQUITY Premier Protein BEH C<sub>4</sub> and XBridge Premier Protein BEH C<sub>4</sub>, 300 Å, 1.7 µm and 2.5 µm Particle Technology

- Separates proteins of various sizes, hydrophobicities, and isoelectric points
- Tolerates extreme pH and temperature, and provides minimal secondary interactions
- Improves sensitivity for phosphorylated proteins and low-level intact and subunit mAb analyses



Ordering Information

ACQUITY™ Premier and CORTECS Premier Columns

	2.1 x 50 mm		2.1 x 100 mm		2.1 x 150 mm	
	Column	VanGuard FIT Column	Column	VanGuard FIT Column	Column	VanGuard FIT Column
HSS C <sub>18</sub> 100Å, 1.8 µm	186010015	186010018	186010016	186010019	186010017	186010020
HSS PFP 100Å, 1.8 µm	186010036	186010039	186010037	186010040	186010038	186010041
CORTECS™ C <sub>18</sub> , 90Å, 1.6 µm	186009511	186009514	186009512	186009515	186009513	186009516
CORTECS C <sub>18</sub> +, 90 Å, 1.6 µm	186010427	186010430	186010428	186010431	186010429	186010432
CORTECS T3, 120Å, 1.6 µm	186010434	186010437	186010435	186010438	186010436	186010439
BEH C <sub>18</sub> , 130 Å, 1.7 µm	186009452	186009455	186009453	186009457	186009454	186009458
BEH Shield RP18, 130 Å, 1.7 µm	186009497	186009500	186009498	186009501	186009499	186009502
BEH C <sub>8</sub> , 130 Å, 1.7 µm	186010356	186010359	186010357	186010360	186010358	186010361
BEH Phenyl, 130 Å, 1.7 µm	186010336	186010338	186010337	186010339	186010294	186010340
BEH Amide, 130 Å, 1.7 µm	186009504	186009507	186009505	186009508	186009506	186009509
BEH HILIC, 130 Å, 1.7 µm	186010377	186010380	186010378	186010381	186010379	186010382
CSH C <sub>18</sub> , 130 Å, 1.7 µm	186009460	186009463	186009461	186009464	186009462	186009465
CSH Phenyl Hexyl, 130 Å, 1.7 µm	186009474	186009477	186009475	186009478	186009476	186009479
HSS T3, 100 Å, 1.8 µm	186009467	186009470	186009468	186009471	186009469	186009472

VanGuard™ FIT Cartridges	CORTECS C <sub>18</sub> 90 Å, 1.6 µm	CORTECS T <sub>3</sub> 120 Å, 1.6 µm	CORTECS C <sub>18</sub> + 90 Å, 1.6 µm	BEH C <sub>18</sub> , 130 Å, 1.7 µm	BEH Shield RP18, 130 Å, 1.7 µm	BEH C <sub>8</sub> , 130 Å, 1.7 µm	BEH Phenyl, 130 Å, 1.7 µm	BEH Amide, 130 Å, 1.7 µm	BEH HILIC, 130 Å, 1.7 µm	CSH C <sub>18</sub> , 130 Å, 1.7 µm	CSH Phenyl Hexyl, 130 Å, 1.7 µm	HSS T3, 100 Å, 1.8 µm	HSS C <sub>18</sub> 100Å, 1.8 µm	HSS PFP 100Å, 1.8 µm
2.1x5mm	186009517	186010440	186010433	186009459	186009503	186010362	186010341	186009510	186010383	186009466	186009480	186009473	186010021	186010042



To protect your investment, select columns are available with VanGuard FIT integrated guard column technology. With a FIT column design created specifically to integrate a guard column, separation efficiency is maintained, along with column lifetime.



## MaxPeak Premier 1.7 µm Columns for Bioseparations

	2.1 x 50 mm	2.1 x 100 mm	2.1 x 150 mm
Glycan BEH C <sub>18</sub> AX, 95 Å, 1.7 µm	186009758 (Column)	186009759 (Column)	186009760 (Column)
	186009970 (VanGuard FIT Column)	186009971 (VanGuard FIT Column)	186009972 (VanGuard FIT Column)
Glycan BEH Amide, 130 Å, 1.7 µm	186009522 (Column)	186009523 (Column)	186009524 (Column)
	186009974 (VanGuard FIT Column)	186009975 (VanGuard FIT Column)	186009976 (VanGuard FIT Column)
Glycoprotein BEH Amide, 300 Å, 1.7 µm	186009547	186009548	186009549
Oligonucleotide BEH C <sub>18</sub> , 130 Å, 1.7 µm	186009484	186009485	186009486
Oligonucleotide BEH C <sub>18</sub> , 300 Å, 1.7 µm	186010539	186010540	186010541
Peptide BEH C <sub>18</sub> , 130 Å, 1.7 µm	186009481	186009482	186009483
Peptide BEH C <sub>18</sub> , 300 Å, 1.7 µm	186009493*	186009494*	186009495*
Peptide CSH C <sub>18</sub> , 130 Å, 1.7 µm	186009487	186009488	186009489
Peptide HSS T3, 100 Å, 1.8 µm	186009490	186009491	186009492
Protein BEH C <sub>4</sub> , 300 Å, 1.7 µm	176005107** (Column and Standard)	176005108** (Column and Standard)	176005109** (Column and Standard)

\*\*MassPREP Protein Mix Standard p/n: 186004900.

	4.6 x 150 mm	4.6 x 300 mm
Protein SEC 250 Å, 1.7 µm	176005071*** (Column and Standard)	176005072*** (Column and Standard)
	176004794*** (Column, Standard, and Guard)	176004795*** (Column, Standard, and Guard)

\*\*\*mAb Size Variant Standard p/n: 186009429; MaxPeak Premier Protein SEC 250 Å, 2.5 µm, 4.6 x 30 mm Guard p/n: 186009969.

VanGuard FIT Cartridges	Glycan BEH C <sub>18</sub> AX, 95 Å, 1.7 µm	Glycan BEH Amide, 130 Å, 1.7 µm
2.1 x 5 mm	186009973	186009977

## MaxPeak Premier 2.5 µm and 2.7 µm Columns

	2.1 x 50 mm		2.1 x 100 mm		2.1 x 150 mm	
	Column	VanGuard FIT Column	Column	VanGuard FIT Column	Column	VanGuard FIT Column
XBridge Premier BEH C <sub>18</sub> , 130 Å, 2.5 µm	186009827	186009843	186009828	186009844	186009829	186009845
XBridge Premier BEH Amide, 130 Å, 2.5 µm	186009928	186009931	186009929	186009932	186009930	186009933
XBridge Premier BEH Shield RP18, 130 Å, 2.5 µm	186009914	186009917	186009915	186009918	186009916	186009919
XBridge Premier BEH C <sub>8</sub> , 130 Å, 2.5 µm	186010363	186010366	186010364	186010367	186010365	186010368
XBridge Premier BEH Phenyl, 130 Å, 2.5 µm	186010342	186010345	186010343	186010346	186010344	186010347
XBridge Premier BEH HILIC, 130 Å, 2.5 µm	186010384	186010387	186010385	186010388	186010386	186010389
XSelect Premier CSH C <sub>18</sub> , 130 Å, 2.5 µm	186009865	186009868	186009866	186009869	186009867	186009870
XSelect Premier CSH Phenyl Hexyl, 130 Å, 2.5 µm	186009879	186009882	186009880	186009883	186009881	186009884
XSelect Premier HSS T3, 100 Å, 2.5 µm	186009830	186009854	186009831	186009855	186009832	186009856
XSelect Premier HSS C <sub>18</sub> , 100 Å, 2.5 µm	186010022	186010025	186010023	186010026	186010024	186010027
XSelect Premier HSS PFP 100 Å, 2.5 µm	186010043	186010046	186010044	186010047	186010045	186010048
CORTECS Premier C <sub>18</sub> , 90 Å, 2.7 µm	186010441	186010444	186010442	186010445	186010443	186010446
CORTECS Premier C <sub>18</sub> +, 90 Å, 2.7 µm	186010455	186010458	186010456	186010460	186010457	186010463
CORTECS Premier T3, 120 Å, 2.7 µm	186010472	186010475	186010473	186010476	186010474	186010477

	4.6 x 50 mm		4.6 x 100 mm		4.6 x 150 mm	
	Column	VanGuard FIT Column	Column	VanGuard FIT Column	Column	VanGuard FIT Column
XBridge Premier BEH C <sub>18</sub> , 130 Å, 2.5 µm	186009847	186009850	186009848	186009851	186009849	186009852
XBridge Premier BEH Amide, 130 Å, 2.5 µm	186009935	186009938	186009936	186009939	186009937	186009940
XBridge Premier BEH Shield RP18, 130 Å, 2.5 µm	186009921	186009924	186009922	186009925	186009923	186009926
XBridge Premier BEH C <sub>8</sub> , 130 Å, 2.5 µm	186010370	186010373	186010371	186010374	186010372	186010375
XBridge Premier BEH Phenyl, 130 Å, 2.5 µm	186010349	186010352	186010350	186010353	186010351	186010354
XBridge Premier BEH HILIC, 130 Å, 2.5 µm	186010391	186010394	186010392	186010395	186010393	186010396
XSelect Premier CSH C <sub>18</sub> , 130 Å, 2.5 µm	186009872	186009875	186009873	186009876	186009874	186009877
XSelect Premier CSH Phenyl Hexyl, 130 Å, 2.5 µm	186009886	186009889	186009887	186009890	186009888	186009891
XSelect Premier HSS T3, 100 Å, 2.5 µm	186009858	186009861	186009859	186009862	186009860	186009863
XSelect Premier HSS C <sub>18</sub> , 100 Å, 2.5 µm	186010029	186010032	186010030	186010033	186010031	186010034
XSelect Premier HSS PFP 100 Å, 2.5 µm	186010050	186010053	186010051	186010054	186010052	186010055
CORTECS Premier C <sub>18</sub> , 90 Å, 2.7 µm	186010448	186010451	186010449	186010452	186010450	186010453
CORTECS Premier C <sub>18</sub> +, 90 Å, 2.7 µm	186010465	186010468	186010466	186010469	186010467	186010470
CORTECS Premier T3, 120 Å, 2.7 µm	186010479	186010482	186010480	186010483	186010481	186010484

VanGuard FIT Cartridges	XBridge BEH C <sub>18</sub> , 130 Å, 2.5 µm	XBridge BEH Amide, 130 Å, 2.5 µm	XBridge BEH Shield RP18, 130 Å, 2.5 µm	XBridge BEH C <sub>8</sub> , 130 Å, 2.5 µm	XBridge BEH Phenyl, 130 Å, 2.5 µm	XBridge BEH HILIC, 130 Å, 2.5 µm	XSelect CSH C <sub>18</sub> , 130 Å, 2.5 µm	XSelect CSH Phenyl Hexyl, 130 Å, 2.5 µm	XSelect HSS T3, 100 Å, 2.5 µm
2.1 x 5 mm	186009842	186009927	186009913	186010369	186010348	186010390	186009864	186009878	186009853
3.9 x 5 mm	186009846	186009934	186009920	186010376	186010355	186010397	186009871	186009885	186009857

VanGuard FIT Cartridges	XSelect Premier HSS C <sub>18</sub> 100Å, 2.5 µm	XSelect Premier HSS PFP 100Å, 2.5 µm	CORTECS C <sub>18</sub> 90 Å, 2.7 µm	CORTECS C <sub>18</sub> + 90 Å, 2.7 µm	CORTECS T3 120 Å, 2.7 µm
2.1 x 5 mm	186010028	186010049	186010447	186010464	186010478
3.9 x 5 mm	186010035	186010056	186010454	186010471	186010485

**MaxPeak Premier 2.5 µm Columns for Bioseparations**

	2.1 x 50 mm	2.1 x 100 mm	2.1 x 150 mm
XBridge Premier Glycan BEH C <sub>18</sub> AX, 95 Å, 2.5 µm	186009947	186009948	186009949
XBridge Premier Glycan BEH Amide, 130 Å, 2.5 µm	186009941	186009942	186009943
XBridge Premier Oligonucleotide BEH C <sub>18</sub> , 130 Å, 2.5 µm	186009836	186009837	186009838
XBridge Premier Oligonucleotide BEH C <sub>18</sub> , 300 Å, 2.5 µm	186010542	186010543	186010544
XBridge Premier Peptide BEH C <sub>18</sub> , 130 Å, 2.5 µm	186009733	186009734	186009835
XBridge Premier Peptide BEH C <sub>18</sub> , 300 Å, 2.5 µm	186009892*	186009893*	186009894*
XBridge Premier Protein BEH C <sub>4</sub> , 300 Å, 2.5 µm	176005110** (Column and Standard)	176005111** (Column and Standard)	176005112** (Column and Standard)
XSelect Premier Peptide HSS T3, 100 Å, 2.5 µm	186009839	186009840	186009841

	4.6 x 50 mm	4.6 x 100 mm	4.6 x 150 mm
XBridge Premier Glycan BEH C <sub>18</sub> AX, 95 Å, 2.5 µm	186009950	186009951	186009952
XBridge Premier Glycan BEH Amide, 130 Å, 2.5 µm	186009944	186009945	186009946
XBridge Premier Oligonucleotide BEH C <sub>18</sub> , 130 Å, 2.5 µm	186009901	186009902	186009903
XBridge Premier Oligonucleotide BEH C <sub>18</sub> , 300 Å, 2.5 µm	186010545	186010546	186010547
XBridge Premier Peptide BEH C <sub>18</sub> , 130 Å, 2.5 µm	186009898	186009899	186009900
XBridge Premier Peptide BEH C <sub>18</sub> , 300 Å, 2.5 µm	186009895*	186009896*	186009897*
XBridge Premier Protein BEH C <sub>4</sub> , 300 Å, 2.5 µm	176005113** (Column and Standard)	176005114** (Column and Standard)	176005115** (Column and Standard)
XSelect Premier Peptide HSS T3, 100 Å, 2.5 µm	186009910	186009911	186009912

\*\*MassPREP Protein Mix Standard p/n: 186004900.

	4.6 x 150 mm	4.6 x 300 mm	7.8 x 150 mm	7.8 x 300 mm
XBridge Premier Protein SEC 250 Å, 2.5 µm	176005067*** (Column and Standard)	176005068*** (Column and Standard)	176005069*** (Column and Standard)	176005070*** (Column and Standard)
	176004790*** (Column, Standard, and Guard)	176004791*** (Column, Standard, and Guard)	176004792*** (Column, Standard, and Guard)	176004793*** (Column, Standard, and Guard)

\*\*\*mAb Size Variant Standard p/n: 186009429; MaxPeak Premier Protein SEC 250 Å, 2.5 µm, 4.6 x 300 mm Guard p/n: 186009969.

## MaxPeak Premier 3.5 µm Columns

	2.1 x 50 mm		2.1 x 100 mm		2.1 x 150 mm	
	Column	VanGuard FIT Column	Column	VanGuard FIT Column	Column	VanGuard FIT Column
XBridge Premier BEH C <sub>18</sub> , 130 Å, 3.5 µm	186010650	186010646	186010651	186010647	186010652	186010648
XBridge Premier BEH Phenyl, 130 Å, 3.5 µm	186010667	186010663	186010668	186010664	186010669	186010665
XSelect Premier CSH C <sub>18</sub> , 130 Å, 3.5 µm	186010630	186010626	186010631	186010627	186010636	186010628

	4.6 x 50 mm		4.6 x 100 mm		4.6 x 150 mm		4.6 x 250 mm	
	Column	VanGuard FIT Column	Column	VanGuard FIT Column	Column	VanGuard FIT Column	Column	VanGuard FIT Column
XBridge Premier BEH C <sub>18</sub> , 130 Å, 3.5 µm	186010658	186010653	186010660	186010654	186010661	186010655	186010662	186010656
XBridge Premier BEH Phenyl, 130 Å, 3.5 µm	186010675	186010670	186010676	186010671	186010677	186010672	186010678	186010673
XSelect Premier CSH C <sub>18</sub> , 130 Å, 3.5 µm	186010642	186010637	186010643	186010638	186010644	186010639	186010645	186010640

VanGuard FIT Cartridges	XBridge BEH C <sub>18</sub> , 130 Å, 3.5 µm	XBridge BEH Phenyl, 130 Å, 3.5 µm	XSelect CSH C <sub>18</sub> , 130 Å, 3.5 µm
2.1 x 5 mm	186010649	186010666	186010629
3.9 x 5 mm	186010657	186010674	186010641

Atlantis™ Premier BEH C<sub>18</sub> AX, 95 Å Columns

	1.7 µm		2.5 µm		5 µm	
	Column	VanGuard FIT Column	Column	VanGuard FIT Column	Column	VanGuard FIT Column
2.1 x 30 mm	186009365	186009357	186009389	186009374	-	-
2.1 x 50 mm	186009366	186009358	186009390	186009375	186009407	186009404
2.1 x 75 mm	186009367	186009359	186009391	186009376	-	-
2.1 x 100 mm	186009368	186009360	186009392	186009378	186009408	186009405
2.1 x 150 mm	186009369	186009361	186009393	186009379	186009409	186009406
4.6 x 50 mm	-	-	186009426	186009383	186009427	186009410
4.6 x 100 mm	-	-	186009397	186009384	186009416	186009411
4.6 x 150 mm	-	-	186009398	186009385	186009417	186009412
4.6 x 250 mm	-	-	-	-	186009418	186009413



VanGuard FIT Cartridges	1.7 $\mu\text{m}$	2.5 $\mu\text{m}$	5 $\mu\text{m}$
2.1 x 5 mm	186009373	186009402	186009421
3.9 x 5 mm	-	186009403	186009422

## Atlantis Premier BEH Z-HILIC, 95 Å Columns

	1.7 $\mu\text{m}$		2.5 $\mu\text{m}$		5 $\mu\text{m}$	
	Column	VanGuard FIT Column	Column	VanGuard FIT Column	Column	VanGuard FIT Column
2.1 x 50 mm	186009978	186009981	186009985	186009988	186009999	186010002
2.1 x 100 mm	186009979	186009982	186009986	186009989	186010000	186010003
2.1 x 150 mm	186009980	186009983	186009987	186009990	186010001	186010004
4.6 x 50 mm	-	-	186009992	186009995	186010006	186010010
4.6 x 100 mm	-	-	186009993	186009996	186010007	186010011
4.6 x 150 mm	-	-	186009994	186009997	186010008	186010012
4.6 x 250 mm	-	-	-	-	186010009	186010013

VanGuard FIT Cartridges	1.7 $\mu\text{m}$	2.5 $\mu\text{m}$	5 $\mu\text{m}$
2.1 x 5 mm	186009984	186009991	186010005
3.9 x 5 mm	-	186009998	186010014

# Waters™

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