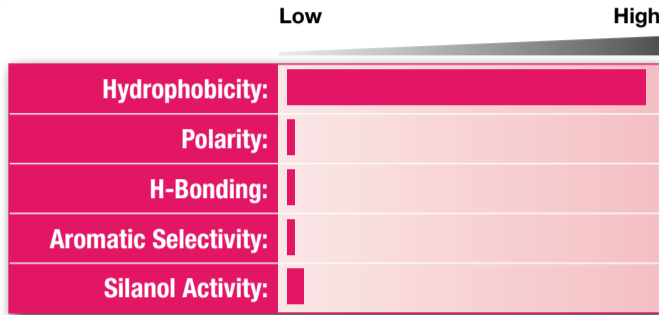
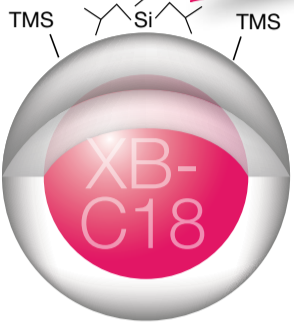


# Expanding the Range of Selectivity

## NEW! Kinetex® XB-C18

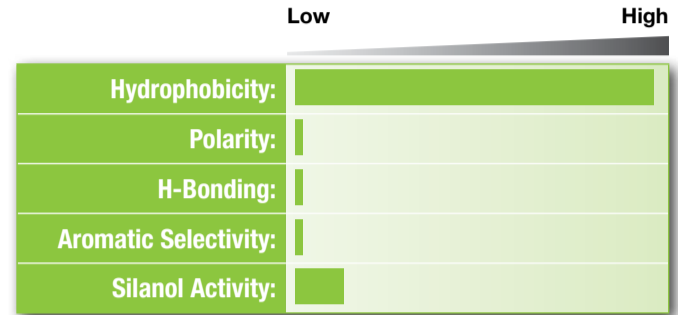
Protective butyl side chains allow superior peak shape and enhanced separation of basic compounds.



pH Range: 1.5 – 10\*  
 USP Classification: L1  
 Particle Sizes: 2.6 μm & 1.7 μm  
 Carbon Load: 12 %

## Kinetex® C18

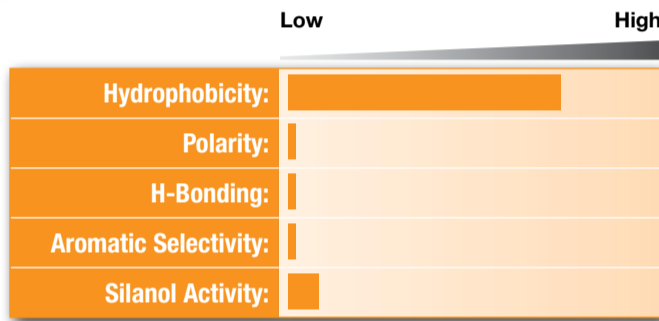
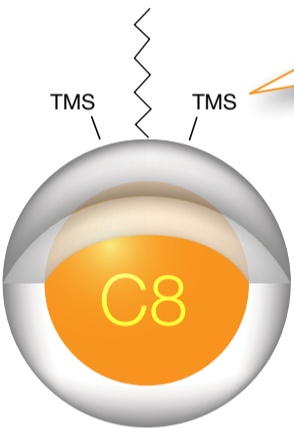
This phase offers the hydrophobic retention and methylene selectivity chromatographers expect from a C18 column.



pH Range: 1.5 – 10\*  
 USP Classification: L1  
 Particle Sizes: 2.6 μm & 1.7 μm  
 Carbon Load: 12 %

## NEW! Kinetex® C8

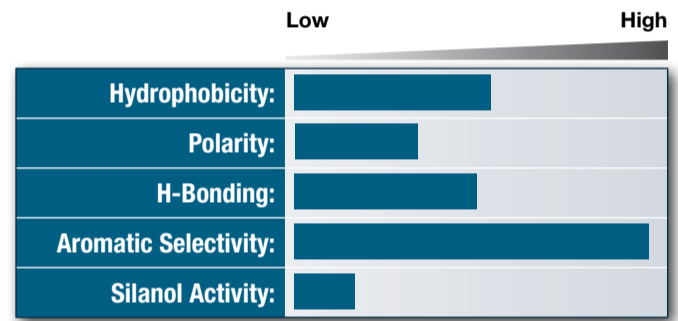
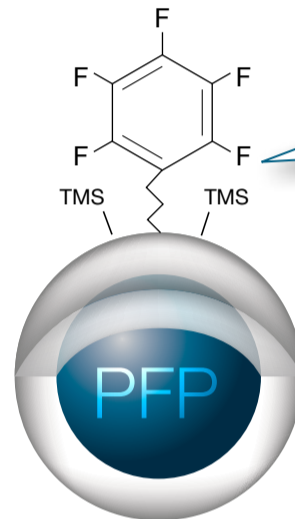
This new phase brings the benefits of core-shell technology to USP L7 and other C8 column methods.



pH Range: 1.5 – 10\*  
 USP Classification: L7  
 Particle Sizes: 2.6 μm & 1.7 μm  
 Carbon Load: 10 %

## Kinetex® PFP

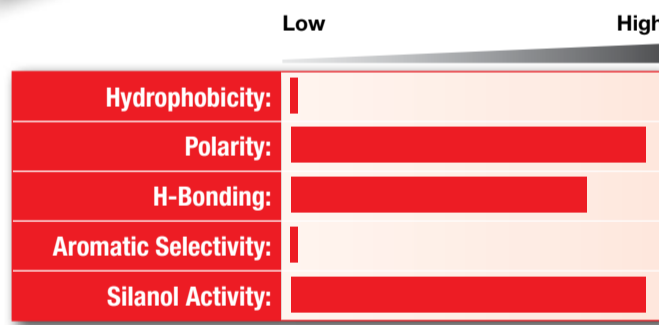
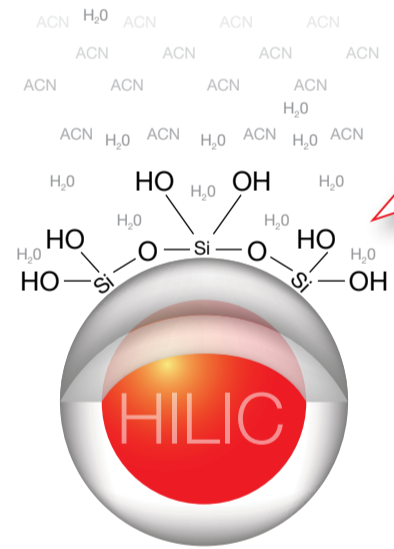
This pentafluorophenyl phase incorporates fluorine atoms on the periphery of the phenyl ring to provide unique aromatic and polar selectivity.



pH Range: 1.5 – 8  
 USP Classification: L43  
 Particle Sizes: 2.6 μm & 1.7 μm  
 Carbon Load: 9 %

## Kinetex® HILIC

This unbonded silica phase is used under hydrophilic interaction chromatography conditions to provide the ideal selectivity for the retention and separation of polar compounds.



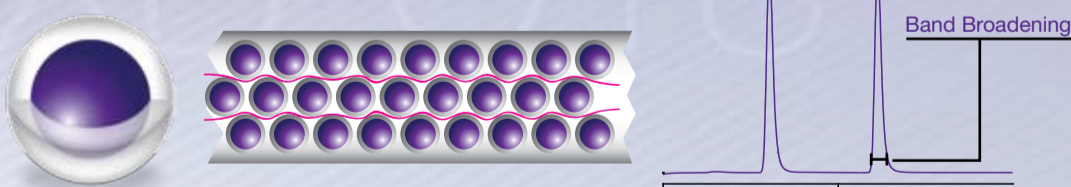
pH Range: 2.0 – 7.5  
 USP Classification: L3  
 Particle Sizes: 2.6 μm & 1.7 μm

\* pH range under isocratic conditions. pH range is 2 - 8 under gradient conditions.

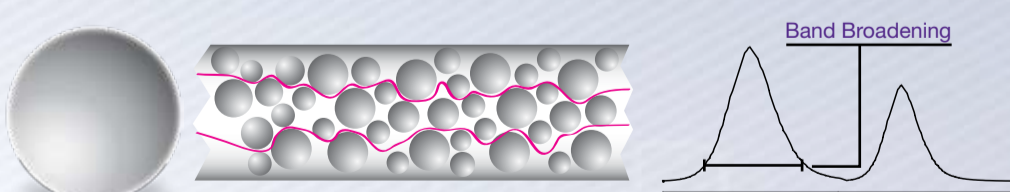
# Kinetex Core-Shell Technology Overview

### Decreased Band Broadening with Uniform Particle Size and Shape

Kinetex Core-Shell

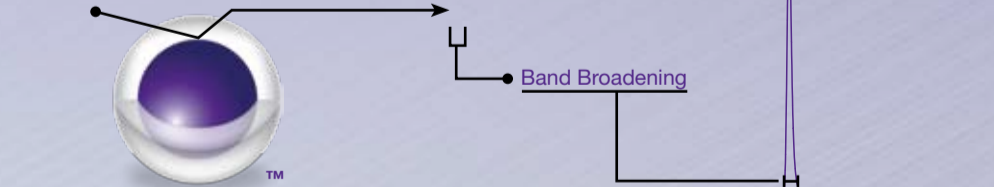


Fully Porous

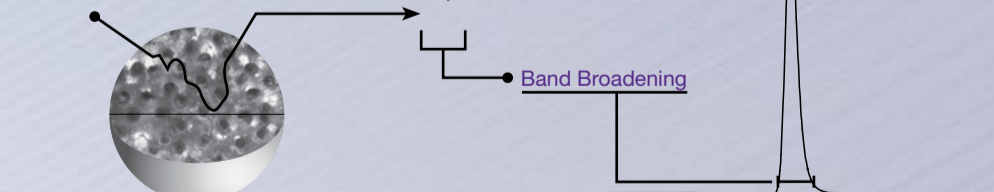


### Increased Efficiency Through Faster Mass Transfer

Kinetex Core-Shell

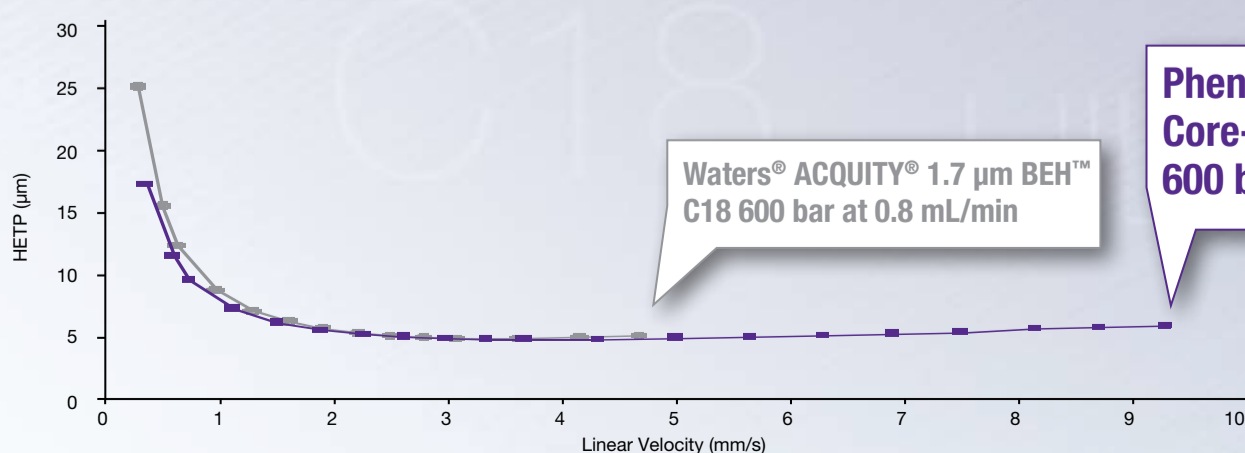


Fully Porous



### Sub-2 μm Efficiencies with Unmatched Speed

Conditions same for both columns.  
 Dimensions: 50 x 2.1 mm  
 System: Agilent® 1200SL



Waters® ACQUITY® 1.7 μm BEH™ C18 600 bar at 0.8 mL/min

Phenomenex® Kinetex® Core-Shell 2.6 μm C18 600 bar at 1.5 mL/min

**Kinetex 2.6 µm Analytical Columns (mm)**

SecurityGuard™ Ultra Cartridges<sup>‡</sup>

	30 x 4.6	50 x 4.6	75 x 4.6	100 x 4.6	150 x 4.6	/3pk
<b>XB-C18</b>	—	00B-4496-E0	00C-4496-E0	00D-4496-E0	00F-4496-E0	AJO-8768
<b>C18</b>	00A-4462-E0	00B-4462-E0	00C-4462-E0	00D-4462-E0	00F-4462-E0	AJO-8768
<b>C8</b>	—	00B-4497-E0	00C-4497-E0	00D-4497-E0	00F-4497-E0	AJO-8770
<b>PFP</b>	00A-4477-E0	00B-4477-E0	00C-4477-E0	00D-4477-E0	00F-4477-E0	AJO-8773
<b>HILIC</b>	—	00B-4461-E0	00C-4461-E0	00D-4461-E0	00F-4461-E0	AJO-8772

for 4.6 mm ID

**Kinetex 2.6 µm MidBore™ Columns (mm)**

SecurityGuard™ Ultra Cartridges<sup>‡</sup>

	30 x 3.0	50 x 3.0	75 x 3.0	100 x 3.0	150 x 3.0	/3pk
<b>XB-C18</b>	—	00B-4496-Y0	—	00D-4496-Y0	—	AJO-8775
<b>C18</b>	00A-4462-Y0	00B-4462-Y0	00C-4462-Y0	00D-4462-Y0	00F-4462-Y0	AJO-8775
<b>C8</b>	—	00B-4497-Y0	—	00D-4497-Y0	—	AJO-8777
<b>PFP</b>	00A-4477-Y0	00B-4477-Y0	00C-4477-Y0	00D-4477-Y0	00F-4477-Y0	AJO-8780
<b>HILIC</b>	—	—	—	—	00F-4461-Y0	AJO-8779

for 3.0 mm ID

**Kinetex 2.6 µm Minibore Columns (mm)**

KrudKatcher™ Ultra In-Line Filter

	30 x 2.1	50 x 2.1	100 x 2.1	150 x 2.1	/3pk
<b>XB-C18</b>	—	00B-4496-AN	00D-4496-AN	—	AFO-8497
<b>C18</b>	00A-4462-AN	00B-4462-AN	00D-4462-AN	00F-4462-AN	AFO-8497
<b>C8</b>	—	00B-4497-AN	00D-4497-AN	—	AFO-8497
<b>PFP</b>	00A-4477-AN	00B-4477-AN	00D-4477-AN	00F-4477-AN	AFO-8497
<b>HILIC</b>	—	00B-4461-AN	00D-4461-AN	00F-4461-AN	AFO-8497

**Kinetex 1.7 µm Minibore Columns (mm)**

KrudKatcher™ Ultra In-Line Filter

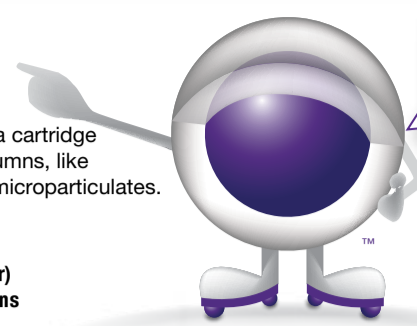
	50 x 2.1	100 x 2.1	150 x 2.1	/3pk
<b>XB-C18</b>	00B-4498-AN	00D-4498-AN	—	AFO-8497
<b>C18</b>	00B-4475-AN	00D-4475-AN	00F-4475-AN	AFO-8497
<b>C8</b>	00B-4499-AN	00D-4499-AN	—	AFO-8497
<b>PFP</b>	00B-4476-AN	00D-4476-AN	00F-4476-AN	AFO-8497
<b>HILIC</b>	00B-4474-AN	—	—	AFO-8497

<sup>‡</sup>SecurityGuard Ultra cartridges require holder, Part No.: AJO-9000. Check for availability in your country.

**SecurityGuard™ Ultra Cartridge System**

The new patent pending SecurityGuard Ultra cartridge system protects ultra-high performance columns, like Kinetex, from damaging contaminants and microparticulates.

- Extend Kinetex column lifetime
- Simple to use
- Pressure rated to 15,000 psi (1,000 bar)
- Fits virtually all manufacturers' columns



Rated to 15,000 psi (1,000 bar)!

**SecurityGuard Ultra Cartridge Holder**

Part No.	Description	Unit
AJO-9000-1	ea	3/pk
AJO-9000		

**KrudKatcher™ Ultra In-Line Filter**

Part No.	Description	Unit
AFO-8497	KrudKatcher Ultra In-Line Filter, 0.5 µm Depth Filter x 0.004 in. ID	3/pk

KrudKatcher Ultra requires 5/16 in. wrench. Wrench not provided.

**UHPLC / HPLC Sure-Lok™ High Pressure PEEK® Male Nut Fittings**

Part No.	Description	Unit
AQO-8503	Sure-Lok High Pressure PEEK 1-Pc Nut 10-32, For 1/16 in. Tubing, 12,000 psi (827 bar)	10/pk
AQO-8530	Sure-Lok Fitting Tightening Tool, Aluminum	ea

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If Kinetex core-shell columns are not one of the greatest LC technologies you have ever used, send in your comparative data to a similar product within 45 days and KEEP THE COLUMN FOR FREE.

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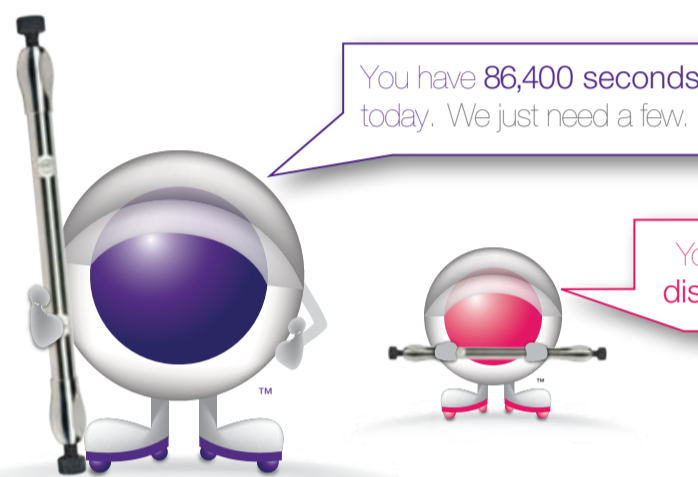
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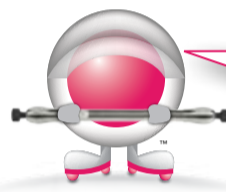
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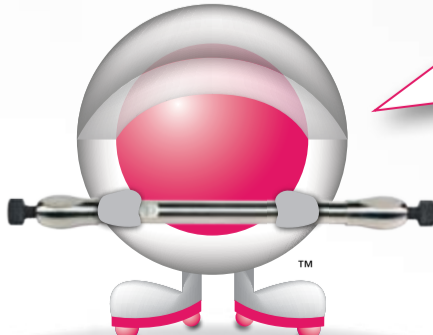
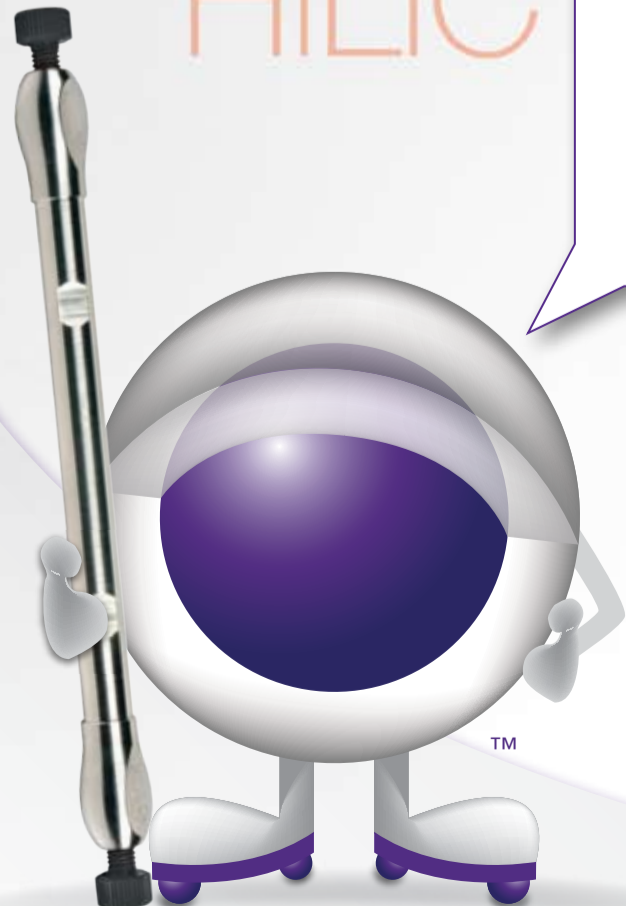


You won't be disappointed.



C18 C8 PFP  
NEW Core-Shell Phase Selectivities

You have 86,400 seconds today. We just need a few.



You won't be disappointed.

Amazing Offers INSIDE

