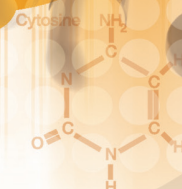




HPLC and UHPLC Column Method Development Kits

strength in technology

Fortis[®] HPLC Columns



Reversed Phase kit

- Fortis C18 : High, Low and Mid capability pH range for acid, neutral and basic analytes
- Fortis Diphenyl : Metabolites, isomers and polar analytes

Fortis C18 and Fortis Diphenyl in combination will cover much of the work that the analyst will do in reversed phase selectivity method development. Capable of separating a wide range of analytes and metabolites. Use for daily sample screening and new method development as a first point of contact.

| | Particle Size | Surface Area | %C | Pore Size | pH range | USP |
|-----------------|---------------|--------------|----|-----------|----------|-----|
| Fortis C18 | 1.7µ 3µ 5µ | 380 | 17 | 100 | 1-12 | L1 |
| Fortis Diphenyl | 1.7µ 3µ 5µ | 380 | 13 | 100 | 2-9 | L11 |

Polar Selectivity phase kit

- Fortis H2o : Polar endcapped C18, strong hydrophilic and hydrophobic interactions
- Fortis HILIC DIOL: Strong retention of highly polar compounds

Fortis H2o and Fortis HILIC DIOL will provide retention of highly polar analytes in method development. Capable of separating a wide range of polar analytes and metabolites. Use for new method development as a first choice for hydrophilic molecules.

| | Particle Size | Surface Area | %C | Pore Size | pH range | USP |
|-------------------|---------------|--------------|----|-----------|----------|-----|
| Fortis H2o | 1.7µ 3µ 5µ | 380 | 18 | 100 | 2-10 | L1 |
| Fortis HILIC DIOL | 1.7µ 3µ 5µ | 380 | 4 | 100 | 2-8 | L20 |

SpeedCore Selectivity kit

- SpeedCore C18 : General purpose C18 for acid, neutral and basic analytes
- SpeedCore RP18-Amide : Alternative selectivity to alkyl chain, provides high resolution between species.

SpeedCore C18 and SpeedCore RP18-Amide will provide fast, high efficiency method development. Capable of separating a wide range of analytes and metabolites. Use for daily sample screening and new method development where speed and high throughput are critical.

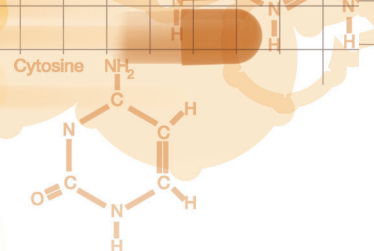
| | Particle Size | Surface Area | %C | Pore Size | pH range | USP |
|----------------------|---------------|--------------|----|-----------|----------|-----|
| SpeedCore C18 | 2.6µ 5µ | 140 | 10 | 80 | 2-9 | L1 |
| SpeedCore RP18-Amide | 2.6µ 5µ | 140 | 16 | 80 | 2-9 | L60 |

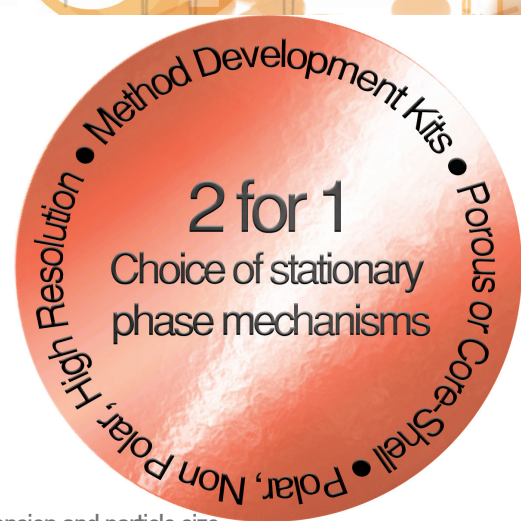
SpeedCore Reversed phase kit

- SpeedCore C18 : General purpose C18 for acid, neutral and basic analytes
- SpeedCore Diphenyl : Perfect for alternate selectivity and metabolite/isomer profiling with high efficiency.

SpeedCore C18 and SpeedCore Diphenyl in combination will cover much of the work that the analyst will do in reversed phase selectivity method development. Capable of separating a wide range of analytes and metabolites. Use for daily sample screening and new method development as a first point of contact.

| | Particle Size | Surface Area | %C | Pore Size | pH range | USP |
|--------------------|---------------|--------------|----|-----------|----------|-----|
| SpeedCore C18 | 2.6µ 5µ | 140 | 10 | 80 | 2-9 | L1 |
| SpeedCore Diphenyl | 2.6µ 5µ | 140 | 7 | 80 | 2-9 | L11 |





Reversed phase selectivity kit

Each kit contains one Fortis C18 column and one Fortis Diphenyl column of the same dimension and particle size

| Fortis C18 + Fortis Diphenyl | | Column Length | | | | | |
|---------------------------------|-----|---------------|--------------|--------------|--------------|--------------|--------------|
| | | 20 | 30 | 50 | 100 | 150 | 250 |
| | 2.1 | MDRP1-0201xx | MDRP1-0202xx | MDRP1-0203xx | MDRP1-0205xx | MDRP1-0207xx | - |
| Column Diameter | 3.0 | - | MDRP1-0302xx | MDRP1-0303xx | MDRP1-0305xx | MDRP1-0307xx | - |
| | 4.6 | - | MDRP1-0502xx | MDRP1-0503xx | MDRP1-0505xx | MDRP1-0507xx | MDRP1-0509xx |

Replace xx -01 for 1.7µm - 03 for 3µm - 05 for 5µm

Polar selectivity kit

Each kit contains one Fortis H2o column and one Fortis HILIC DIOL column of the same dimension and particle size

| Fortis H2o + Fortis HILIC DIOL | | Column Length | | | | | |
|-----------------------------------|-----|---------------|--------------|--------------|--------------|--------------|--------------|
| | | 20 | 30 | 50 | 100 | 150 | 250 |
| | 2.1 | MDPOL-0201xx | MDPOL-0202xx | MDPOL-0203xx | MDPOL-0205xx | MDPOL-0207xx | - |
| Column Diameter | 3.0 | - | MDPOL-0302xx | MDPOL-0303xx | MDPOL-0305xx | MDPOL-0307xx | - |
| | 4.6 | - | MDPOL-0502xx | MDPOL-0503xx | MDPOL-0505xx | MDPOL-0507xx | MDPOL-0509xx |

Replace xx -01 for 1.7µm - 03 for 3µm - 05 for 5µm

SpeedCore selectivity kit

Each kit contains one SpeedCore C18 column and one SpeedCore RP18-Amide column of the same dimension and particle size

| SpeedCore C18 + SpeedCore RP18-Amide | | Column Length | | | | | |
|---|-----|---------------|--------------|--------------|--------------|--------------|-----|
| | | 20 | 30 | 50 | 100 | 150 | 250 |
| | 2.1 | SCSEL-0201xx | SCSEL-0202xx | SCSEL-0203xx | SCSEL-0205xx | SCSEL-0207xx | - |
| Column Diameter | 3.0 | - | SCSEL-0302xx | SCSEL-0303xx | SCSEL-0305xx | SCSEL-0307xx | - |
| | 4.6 | - | SCSEL-0502xx | SCSEL-0503xx | SCSEL-0505xx | SCSEL-0507xx | - |

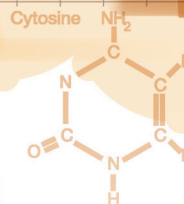
Replace xx -26 for 2.6µm - 50 for 5µm

SpeedCore reversed phase selectivity kit

Each kit contains one SpeedCore C18 column and one SpeedCore Diphenyl column of the same dimension and particle size

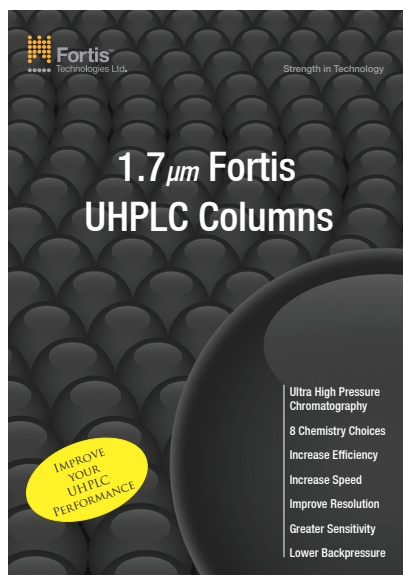
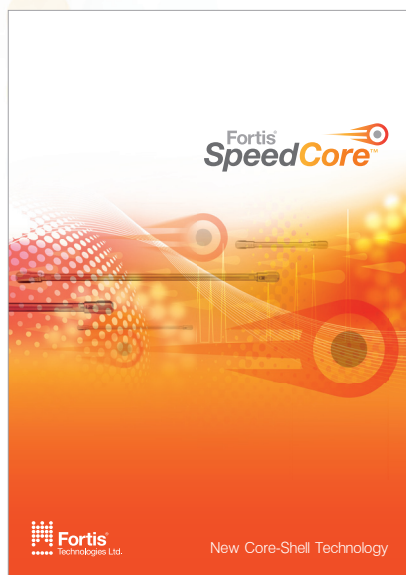
| SpeedCore C18 + SpeedCore Diphenyl | | Column Length | | | | | |
|---------------------------------------|-----|---------------|--------------|--------------|--------------|--------------|-----|
| | | 20 | 30 | 50 | 100 | 150 | 250 |
| | 2.1 | SCR1P-0201xx | SCR1P-0202xx | SCR1P-0203xx | SCR1P-0205xx | SCR1P-0207xx | - |
| Column Diameter | 3.0 | - | SCR1P-0302xx | SCR1P-0303xx | SCR1P-0305xx | SCR1P-0307xx | - |
| | 4.6 | - | SCR1P-0502xx | SCR1P-0503xx | SCR1P-0505xx | SCR1P-0507xx | - |

Replace xx -26 for 2.6µm - 50 for 5µm



Product Guides

- Check out the individual guides to learn more about the stationary phase chemistry
- Ask your local Fortis distributor to provide you with a copy of the guide
- All of the Fortis distributors are able to help determine the most suitable kit for your requirements



WORLDWIDE AVAILABILITY

For technical support or applications contact :
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www.fortis-technologies.com



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