

Discover more with Accucore columns

Feel the need for speed versus your current C18 method?

✓ Thermo Scientific™ Accucore™ RP-MS column

Lost in the void while looking for polar analytes on your existing column?

✓ Thermo Scientific™ Accucore™ Polar Premium column

Challenged by stubborn fats in lipid separations?

✓ Thermo Scientific™ Accucore™ C30 column

Are your aromatic separations giving you the run around?

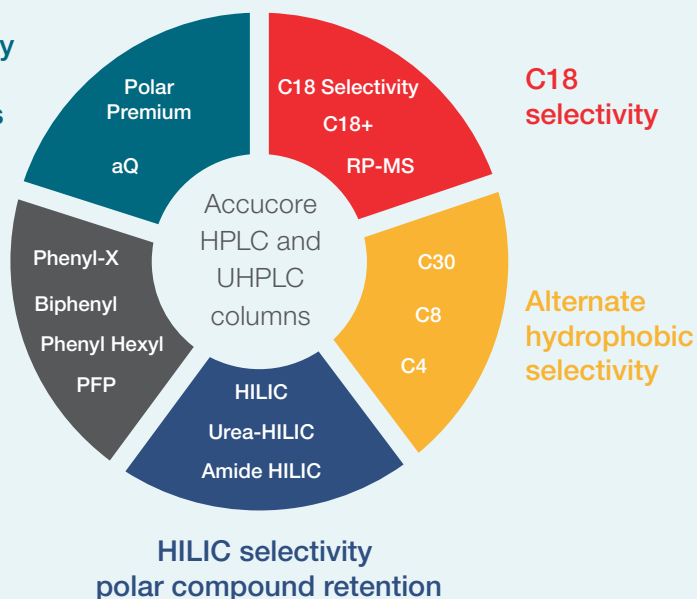
✓ Thermo Scientific™ Accucore™ Biphenyl column

15 different chemistry options to choose from –
separate Accucore HPLC and UHPLC columns from your current column



Polar selectivity
stability in
100% aqueous
conditions

Aromatic
selectivity
orthogonal
to C18



- **Accucore RP-MS** columns employ the same chemistry as the leading Thermo Scientific™ Hypersil GOLD™ column on a solid core platform. Maximize throughput with Accucore RP-MS columns and leave behind long run times compared to competitor C18 columns.
- **Accucore Polar Premium** columns offer enhanced retention of polar compounds compared to a C18 column. Find extra retention for very polar analytes and the ability to resolve components that previously eluted in the column void.
- **Accucore C30** columns provide enhanced resolution for aliphatic, hydrophobic structural isomers (e.g., carotenoids, tocopherol, and lipids) without elongated run times when compared to a C18 columns.
- **Accucore Biphenyl** columns provide complementary chemistry to C18 columns for separation of compounds with double bonds, including pharmaceuticals, hormones, and opioids. Resolving based on pi-pi interactions, not just hydrophobicity.

| Accucore RP-MS columns | | | | | |
|------------------------|---------------------------------|-------------|--------------|--------------|--------------|
| Particle Size (µm) | Format | Length (mm) | 2.1mm ID | 3.0mm ID | 4.6mm ID |
| 2.6 | Defender Guard Cartridge (4/pk) | 10 | 17626-012105 | 17626-013005 | 17626-014005 |
| | HPLC Column | 30 | 17626-032130 | - | - |
| | | 50 | 17626-052130 | 17626-053030 | 17626-054630 |
| | | 100 | 17626-102130 | 17626-103030 | 17626-104630 |
| | | 150 | 17626-152130 | 17626-153030 | 17626-154630 |

| Accucore Polar Premium columns | | | | | |
|--------------------------------|---------------------------------|-------------|--------------|--------------|--------------|
| Particle Size (µm) | Format | Length (mm) | 2.1mm ID | 3.0mm ID | 4.6mm ID |
| 2.6 | Defender Guard Cartridge (4/pk) | 10 | 28026-012105 | - | - |
| | HPLC Column | 50 | 28026-052130 | 28026-053030 | 28026-054630 |
| | | 100 | 28026-102130 | 28026-103030 | 28026-104630 |
| | | 150 | 28026-152130 | 28026-153030 | 28026-154630 |
| | | 250 | 28026-252130 | - | - |

| Accucore C30 columns | | | | | |
|----------------------|---------------------------------|-------------|--------------|--------------|--------------|
| Particle Size (µm) | Format | Length (mm) | 2.1mm ID | 3.0mm ID | 4.6mm ID |
| 2.6 | Defender Guard Cartridge (4/pk) | 10 | 27826-012105 | - | - |
| | HPLC Column | 50 | 27826-052130 | 27826-053030 | 27826-054630 |
| | | 100 | 27826-102130 | 27826-103030 | 27826-104630 |
| | | 150 | 27826-152130 | 27826-153030 | 27826-154630 |
| | | 250 | 27826-252130 | - | - |

| Accucore C30 columns | | | | | |
|----------------------|---------------------------------|-------------|--------------|--------------|--------------|
| Particle Size (µm) | Format | Length (mm) | 2.1mm ID | 3.0mm ID | 4.6mm ID |
| 2.6 | Defender Guard Cartridge (4/pk) | 10 | 27826-012105 | - | - |
| | HPLC Column | 50 | 27826-052130 | 27826-053030 | 27826-054630 |
| | | 100 | 27826-102130 | 27826-103030 | 27826-104630 |
| | | 150 | 27826-152130 | 27826-153030 | 27826-154630 |
| | | 250 | 27826-252130 | - | - |

| Accucore Biphenyl columns | | | | | |
|---------------------------|---------------------------------|-------------|--------------|----------|----------|
| Particle Size (µm) | Format | Length (mm) | 2.1mm ID | 3.0mm ID | 4.6mm ID |
| 2.1 | Defender Guard Cartridge (4/pk) | 10 | 17826-012105 | - | - |
| | HPLC Column | 50 | 17826-052130 | - | - |
| | | 100 | 17826-102130 | - | - |

| Format | Length (mm) | 2.1mm ID | 3.0mm ID | 4.6mm ID |
|---|-------------|----------|----------|----------|
| UNIGUARD Drop-in Guard Cartridge Holder | 10 | 852-00 | 852-00 | 850-00 |

Find out more at thermofisher.com/accucore