

Thermo Scientific Accucore HPLC Columns

Ultimate Core Performance – Speed and Selectivity Combined

Founded on state-of-the-art Core Enhanced Technology™ and utilizing vast experience in phase bonding and packing, Thermo Scientific™ Accucore™ HPLC columns provide a unique chromatography solution to enhance laboratory workflow and efficiency. Available in a wide range of stationary phase selectivities and compatible with almost any instrument, these columns provide an excellent return on investment.

Containing solid core particles, which are engineered to a diameter of 2.6µm and a very narrow particle size distribution; Accucore HPLC columns allows high speed, high resolution separation, with back pressures significantly lower than those associated with UHPLC. Eleven different stationary phases bonded using advanced technology and packed with highly controlled automated processes result in highly reproducible, rugged columns that offer a wide range of selectivities to meet all your separation needs.



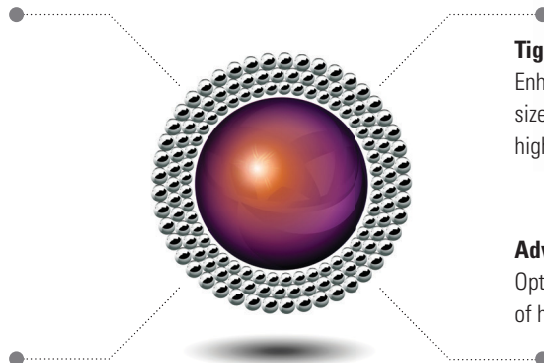
The key components of Core Enhanced Technology

Solid Core Particles

With a solid central core and porous outer layer, these particles generate high speed, high resolution separations without excessive backpressure

Automated Packing Process

Enhanced automated procedures ensure that all columns are packed with the highest quality



Tight Control of Particle Diameter

Enhanced selection process keeps particle size distribution to a minimum and produces high efficiency columns

Advanced Bonding Technology

Optimized phase bonding creates a series of high coverage, robust phases

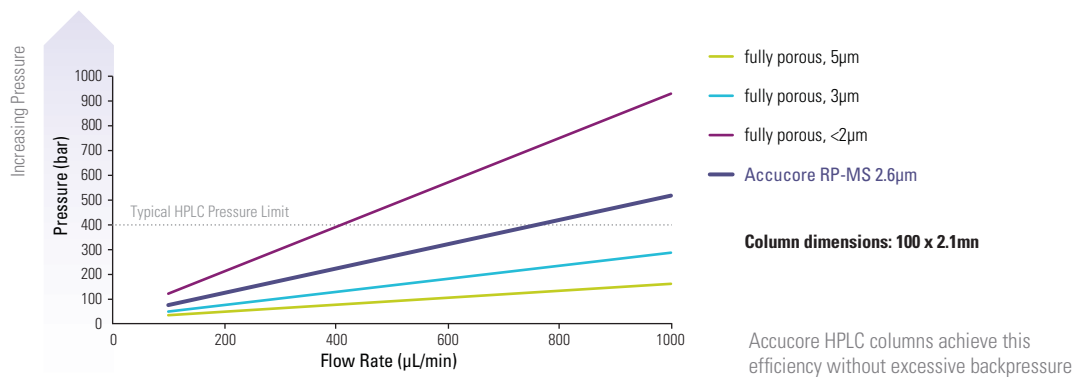
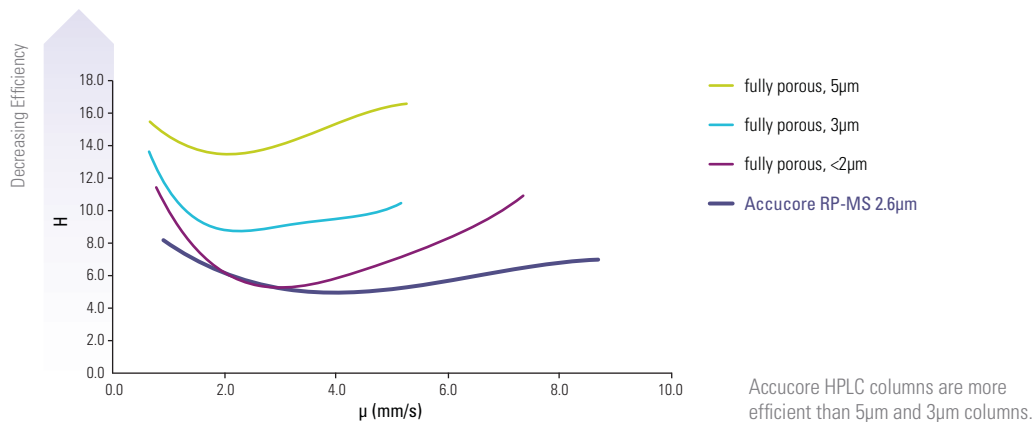


View product information and application notes

The Accucore web page contains the latest news, applications and downloads for the Accucore HPLC column range.

Visit it at:

www.thermoscientific.com/accucore



Accucore 2.6 μ m HPLC Columns Optimum Conditions and Ratings

Column ID (mm)	Optimum Flow Rate	Maximum Inj. Volume	Backpressure Rating	Temperature Rating
2.1	400 μ L/min	1 μ L	1000 bar	70°C
3.0	800 μ L/min	3 μ L	1000 bar	70°C
4.6	1800 μ L/min	5 μ L	1000 bar	70°C

