

Grace: Alltima HP



Alltima HP columns combine a range of different phase chemistries with high purity silica. The Alltima HP product family combines the selectivity and performance needed to overcome the most challenging separation needs. The low column bleed makes these columns ideal for microbore applications.

The general features of Alltima HP include:

- High purity silica
- Excellent column stability
- Low to no detectable column bleed
- Multiple selectivity options

Phase Specifications

Alltima HP Phase	Particle size (um)	Chromatographic Properties	Application/Benefit	USP Code
Alltima HP C18	3,5	Classic reversed-phase retention and selectivity	Routine applications	L1
Alltima HP C18 EPS	3,5	Greater retention and enhanced peak symmetry for polar compounds. Alternative selectivity to traditional reversed-phase	Reversed-phase applications where C18 is too retentive	L1
Alltima HP C18 Hi-Load	3,5	Highest carbon load for superior retention and loadability	High resolution for complex samples	L1
Alltima HP C18-AQ	3,5	100% water wettable	Applications requiring high aqueous mobile phases	L1
Alltima HP C18-Amide	3,5	Polar-embedded phase with extremely low bleed. Compatible with microbore	Basic compounds in neutral to alkaline pH, MS applications	L1
Alltima HP C8	3,5	Lower capacity compared to C18 phases	Reversed-phase applications where C18 is too retentive	L7
Alltima HP Cyano	3,5	Extremely stable, long life and reproducible	Ideal for basic drug analysis	L10
Alltima HP Silica	3,5	Highly polar phase	General purpose normal phase applications	L3
Alltima HP HILIC	1.5,3,5	Hydrophilic Interaction Chromatography uses small amounts of water for increased sensitivity with microbore applications	Very polar analytes that cannot be retained by reversed-phase	L3

Other Products available from SepaChrom

 <p>HPLC</p>	<p>SepaChrom</p> <p>HPLC, UHPLC Silica Based Columns for Analytical Applications Vydac® Columns for Proteins and Peptides Separations Polymer Base Columns for Carbohydrate & Organic Acids Analysis Chiral HPLC Columns Ion Chromatography Columns for Anions and Cations Analysis</p>	 <p>MEDIA</p>	<p>Irregular and Spherical Silica Gel for Flash, Prep & Industrial Purification Bonded Silica C18, Cyano, Diol, Amino Wide Range Porosity (30Å- 2500Å) and Particle Size (10µ-200µ) for Any Application Polymer Based Resin for Reversed Phase and Ion Exchange Chromatography</p>
 <p>PREP</p>	<p>10mm-25mmID Packed Prep Columns for Lab Scale Purification 25mm-100mmID Packed & Empty, Flanged & Spring Column Technology 50mm-2000mmID Process Scale Chromatography Columns & Systems, Flanged & DAC Technology Scale-up Method Development & Packing Service</p>	 <p>FLASH</p>	<p>Instruments for Flash and Prep Chromatography up to 750mL/min & 250 bar Pressure. 190-840 Multi Wavelength & Scan Collection, Integrated ELSD, MS Simple Quad Detector Flash Columns for All Existing Flash Instruments : Silica, Reverse Phase, CN, Diol, NH₂, Chiral Phases, 15µ to 50µ Particle Size</p>
 <p>SPE</p>	<p>Silica Based SPE Cartridges for Pharma, Environmental, Food&Beverage Applications. Polymer Base SPE Cartridges for Clinical & Forensic Applications. Ion Chromatography SPE Cartridges Accessories for SPE Syringe Filters & QuEChERS</p>	 <p>VIALS</p>	<p>Autosampler Vials for HPLC, IC e GC Sampling Vials Head Space Vials Crimper & Decapper and Sampling Accessories</p>
 <p>GC</p>	<p>High Performance GC Capillary Column SepaChrom : SepaFlex : Full Range of GC Capillary Columns, MS Columns, ChiralFlex, UltraMet-HT, SpeedyFlex Econo-Sep : Batch Tested Common GC Capillary Columns GC Capillary Column Heliflex® & Econo-Cap™</p>	 <p>Accessori HPLC-GC</p>	<p>SS & PEEK Tubing for Analytical, Preparative and Ion Chromatography Fittings, Ferrule & Valves for HPLC, IC and GC Syringes and Septa for GC Traps for GC Gas Lines Gas Generators</p>

Company Profile

About us :

SepaChrom is a new company specialising in **Chromatography**. **SepaChrom** is the brainchild of the founders who wanted to create a dedicated and unique company able to support **Chromatography Users** in optimizing their challenges.

Our Core competence is the manufacture, sale and support of **High-Quality** products for **GC, Analytical and Preparative** scale **HPLC** and **Flash** purification, including consumables and accessories, through **Process** scale purification.

Our Mission :

Our team has decades of experience, which, combined with a range of High Quality selected products and the most efficient technological solutions, allows **SepaChrom** to support Pharma, Biotech, Chemical, Food and Beverage, Cosmetic, Environmental, Clinical and Petrochemical industries, in R&D departments as well in QC laboratories and Production. Our commitment is to provide the Highest level of Technical Support that Chromatographers expect from **Your Specialist in Chromatography**

Customers in Mind :

The success of **SepaChrom** is driven by complete **satisfaction** of our customers, and consequently by their success.

SepaChrom's expertise results in High-Quality **pre & post** sale support to the Chromatographic Users. This includes **fast delivery** of your products from our warehouse to your location.



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