

HPLC Packing Media

Advanced Technology More Selection of Solid Phases

Seamless Transfer from Analytical to Industrial Preparative HPLC for Global Pharmaceutical Companies

Up to 25 Tons Annual Output of
Silica-Based HPLC Packing Media

1,000+ Customers Served Over
the Past 3 Years

Global Presence
Across 20+ Countries

Complete In-House Particle
Manufacturing

FDA DMFI Registered

Focused on HPLC Packing Media with Two Core Product Lines

Seven Series of Analytical Columns

MicroPulite® Gold Series	Preferred Choice for Cost-Effective Columns	High Pure Silica Particle	Similar to Symmetry
MicroPulite® Platinum Series	New Standard for Pure Silica-Based Columns	High Pure Silica Particle	Similar to Sunfire
MicroPulite® XP Series	Hybrid Technology for More Flexible Method Development	High-Purity Hybrid Silica Particle	Similar to Xbridge BEH
MicroPulite® PHS XP Series	Solutions For Complex Separations	Surface-Charged Hybrid Particles	Similar to X Select CSH
MicroPulite® Perfect Series	Balanced Retention for Polar Compounds	High Pure Silica Particles	Similar to Atlantis
MicroPulite® HSS Series	Stronger Silica Coupled with Triple-Bonded Technology	High-Strength Silica Particles	Similar to XSelect HSS
BioPulite® Series	Suitable for Oligonucleotides, Peptides, ADC Linkers, LNPs, and More		

Recommended
Applications

UPLC
↓
HPLC
↓
Semi-Preparative

Five Series of Preparative Packing Media

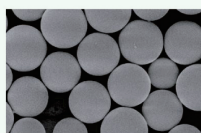
PrePulite® Gold Preparative Packing Media	High-Purity Silica for Preparative Packing Media
PrePulite® XP Preparative Packing Media	Excellent Acid- and Base-Resistant Packing Media
PrePulite® Indxp Preparative Packing Media	Cost-Effective, Alkali-Resistant
PrePulite® PHS XP Preparative Packing Media	Choice for Complex Separation
PolyPulite® Resin-Based Preparative Packing Media	High-Strength, Low-Swelling, High-Loading
Customized Packing Media	Customizable Bead Matrix, Particle Size, Pore Size, and Bonded Phase

Patented Core Technologies

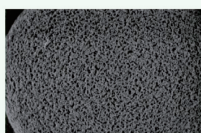
Robust Porous Microsphere Syntheses Technology

Patents:
ZL201010207767.3 ZL201310719498.2

WePure can produce microsphere in stable and large scale, include 1.7µm-100µm high purity silica, organic-inorganic structure hybrid silica(XP) and high-strength silica(HSS), inorganic-inorganic structure hybridized SiZ microspheres and so on.



High purity
silica gel



Charged
hybrid silica



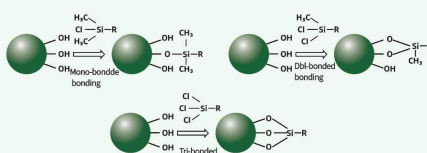
high
strength silica

Silica Microspheres With Homogeneous
Pore Structure

Advanced Surface Modification Technology

Patent: ZL201010208014.4

Featuring Mono-, Di-, and Tri- Bonded Technologies, Covering C8, C18, NH₂, Amide, Phenyl, Pentafluorophenyl (PFP), Diol, RP18, T3, and Mixed-Mode Phases.

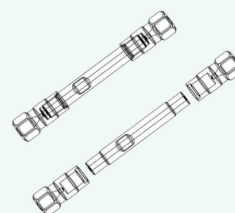


Diversified Bonded Phase; Tri-bonded Offers
Enhanced Durability and Unique Selectivity

Top-Notched Column Packing Platform

Patent Under Substantive Examination:
202411146259.7 202411239886.5

Highly efficient and stable Column Packing technique for UPLC, UHPLC, HPLC, and Semi-Preparative Columns.



Outstanding Stability and
Reproducibility of LC Columns

MicroPulite® XP Series : Hybrid Silica Makes Method Development More Flexible.

XP series columns adopt hybrid silica technology, combining the characteristics of organic and inorganic materials, the columns not only retains the characteristics of pure silica, but also has the characteristics of polymer materials, such as stable in wider pH range and low activity of silanol. XP series columns not only own the perfect performance of separation, but also own the longer column life.



Hybrid Silica

Application Cases

XP tC18 pH:1-12 Maximum operating temperature: 80 °C at low pH; 60 °C at high pH	- Octadecylsilane (C18)-Bonded Hybrid Silica Column - Universal C18 column featuring a proprietary hybrid structure, with improved pH and temperature tolerance—perfect as the first choice for method development. - Patented triple bonded and unique endcapped, ensure high column efficiency and excellent peak shape - Delivers Longer Column Life	Pharmaceutical Analysis Biological Sample Analysis Food / Cosmetics / Environmental	Method development for related substances in pharmaceuticals: Mobile phase contains ammonia or triethylamine, with pH ≥ 7. Samples dissolved in basic solutions, such as azithromycin or pantoprazole sodium. High column temperature applications, such as cyclosporine. Suitable for method development using mobile phases across different pH ranges, including formic acid and ammonia. Applications include the analysis of antibiotics, veterinary drug residues, and hormones in cosmetic products.
XP RP18 Plus pH:2-11 Maximum operating temperature: 50 °C at low pH; 45 °C at high pH	- Hybrid Silica C18 Column Featuring Embedded Polar Groups - Compatible with 100% Aqueous Mobile Phases - Stable Bonding, Resistant to Leaching	Pharmaceutical Analysis Food and Environmental Analysis	Offers unique selectivity compared to conventional C18, demonstrated with atenolol Reversed-Phase Ion-Pair Method for the Analysis of Nucleobases and Nucleosides.
XP tC8 pH:1-12 Maximum operating temperature: 60 °C at low pH; 60 °C at high pH	- Octylsilane (C8)-Bonded Hybrid Silica Column - Wide pH Stability (1–12) with High-Temperature Tolerance up to 60°C - Triple-Bonded Technology Extends the Lifetime of C8 Columns	Pharmaceutical Analysis	Using C8 columns in established USP methods provides longer column lifetime compared to silica C8 columns. Applicable for analyses such as related substances of paracetamol, progesterone, content determination of naproxen and vitamin D eye drops, and emedastine fumarate eye drops.
XP Phenyl-Hexyl pH:1-12 Maximum operating temperature: 80 °C at low pH; 60 °C at high pH	- Phenylhexyl-Bonded Hybrid Silica HPLC Column - Improved Stability and Reproducibility for Phenyl Columns, with Wide pH Stability (1–12) - Offers unique selectivity compared to linear alkyl columns like C18 and C8	Pharmaceutical Analysis Food and Environmental Analysis	Analysis of aromatic compounds, including related substances of hydroxypropyl β-cyclodextrin and cefoxitin sodium. Detection of illegal additives in health products, including sildenafil, tadalafil, and plasticizers.
XP Amide pH:2-11 Maximum operating temperature: 90 °C at low pH; 90 °C at high pH	- Amidosilane-Bonded Hybrid Silica Column - Wide pH Stability (2–11) and High-Temperature Tolerance, Offering Longer Lifespan than Amino Columns. - Preferred Choice for Method Development in Hydrophilic Interaction Mode (HILIC)	Pharmaceutical Analysis Food and Environmental Analysis Biological Sample Analysis	Content analysis of glucosamine sulfate capsules, fosfomycin trometamol, metformin, and Atractylodes formula granules (containing fructose and sucrose). Analysis of ascorbic acid and isoascorbic acid, mono- and di-cyanamide, melamine, amino acids (non-derivatized), sugars, myo-inositol, and D-chiro-inositol. Phospholipidomics
XP HILIC pH:1-9 Maximum operating temperature: 45 °C at low pH; 45 °C at high pH	- Unbonded Hybrid Silica Column - Hydrophilic Interaction Mode for Retention of Highly Polar Compounds. Chemically More Robust and Durable than Silica-Based HILIC Phases, Extending Column Lifetime.	Food and Environmental Analysis	Analysis of Cyproheptadine, Paraquat, Diquat, and Alkaloids in Hot Pot Foods, Including Papaverine, Morphine, Codeine, Noscapine, and Thebaine.
XP HILIC-Z pH:2-10 Maximum operating temperature: 45 °C at low pH; 45 °C at high pH	- Sulfoalkylbetaine Zwitterionic-Bonded Phase - Wide pH Stability (2–10) - Improved Retention for Polar Compounds with Selectivity Different from XPamide and HILIC	Food and Environmental Analysis Pharmaceutical Analysis	Analysis of α- and β-sodium glycerophosphate, N-hydroxysuccinimide, sugar alcohols, organic acids, nucleobases, and amino acids. Glycolytic Pathway and Energy Metabolism
XP tC18/PFP pH:1-12 Maximum operating temperature: 45 °C at low pH; 45 °C at high pH	- Hybrid Silica Column Bonded with Pentafluorophenylpropyl and Octadecyl (C18) Groups - Offers Unique Selectivity Compared to tC18 and PFP Columns. - Wide pH Stability (1–12).	Pharmaceutical Analysis Food and Environmental Analysis	Analysis of isomers in drug impurities, methylbiphenyl isomer separation, Panax notoginseng content determination, cis-/trans-nerolidol separation, and assay of related substances in Diosmin and Loxoprofen Analysis of Residues of 18 β-Adrenergic Agonists
XP tC18-AX pH:2-10 Maximum operating temperature: 60 °C at low pH; 60 °C at high pH	- Mixed-Mode Hybrid Silica: Reversed-Phase and Anion-Exchange - Triple-Bonded for Full 100% Water Compatibility. - Improved Retention of Polar Acidic Compounds in Reversed-Phase Mode. - Enhanced Peak Shape for Basic Compounds.	Pharmaceutical Analysis Food and Environmental Analysis	Enhanced Peak Shape for Dichlorophenylpiperazine, Reduced Tailing of Benzalkonium, and Assay of Related Substances in Gentamicin Sulfate Ophthalmic Solution. Organic Acids

MicroPulite® HSS Series: Combination of High Strength Silica and Triple Bonded

HSS T3 adopt high-strength silica with triple-bonded technology: high pressure tolerance, 100% water compatibility, Excellent acid stability, minimal column bleed, and superior peak shapes.



High-strength Silica

Recommended Applications

HSS T3 pH: 1-8 Maximum operating temperature: 45 °C at low pH; 45 °C at high pH 	- High-Strength Silica Column with C18 Bonded Phase - Ideal for Polar Compounds: 100% Water Compatible with Enhanced Retention under Reversed-Phase Conditions.	Pharmaceutical Analysis Ideal for TCM and Natural Products: Compatible with Granules like Rhodiola, Wine-Processed Scutellaria, and Papaya.	Food and Environmental Analysis Analysis of Propionic Acid, Calcium Propionate, and Pesticide Residues.
HSS C18 SB pH: 1-8 Maximum operating temperature: 45 °C at low pH; 45 °C at high pH 	- C18-Bonded High-Strength Silica HPLC Column - Uncapped Column Offering Distinct Selectivity	Pharmaceutical Analysis Analysis of Sorbic Acid and Potassium Sorbate	Biological Sample Analysis Broad-Polarity Non-Targeted Screening.

MicroPulite® PHS XP: Your Choice for Resolving Complex and Challenging Separations.

The PHS XP series columns adopt surface-charged hybrid silica technology to provide symmetrical and superior peak shapes for basic compounds. The positive surface charge rejects the ionized basic compounds in low ionic strength separation system, and inhibits the ion-exchange interactions between basic compounds and residual silanol groups, thereby improving peak shape for basic analytes.



Charged Hybrid Silica

Recommended Applications

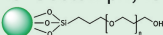
PHS XP tC18 pH: 1-11 Maximum operating temperature: 80 °C at low pH; 45 °C at high pH 	- Surface-Charged C18-Bonded Hybrid Silica - General C18 - Enhanced Peak Shape and Reduced Tailing for Basic Compounds with Higher Loading Capacity	Pharmaceutical Analysis Ideal for Basic Compounds, Peptides, and Alkaloids: Applications Include Vancomycin HCl Related Substances, Hydroxysafflor Yellow A in Safflower, Tranexamic Acid, Gabapentin, Propofol Emulsion Injection, Lincomycin HCl, Ephedrine, and Pseudoephedrine.	Food and Environmental Analysis Antibiotics and Related Compounds
PHS XP Phenyl-Hexyl pH: 1-11 Maximum operating temperature: 80 °C at low pH; 45 °C at high pH 	- Antibiotics and Related Compounds - Selective for Aromatic and Amine Compounds, Offering Enhanced Peak Shapes for Amines. - Offering Distinct Selectivity Compared to XP Phenyl-Hexyl	Pharmaceutical Analysis Separation of Aminobenzoic Acid and Related Impurities, Azide Impurities in Quetiapine and Sartans APIs	Biological Sample Analysis TCA Cycle Intermediates
PHS XP tF5 pH: 1-8 Maximum operating temperature: 60 °C at low pH; 45 °C at high pH 	- Pentafluorophenylpropyl (PFP)-Bonded Hybrid Silica with Surface Charge - Suitable for the Analysis of Aromatic Compounds, Halogenated Compounds, and Positional Isomers. - Offering Selectivity Distinct from XP tPFP.	Pharmaceutical Analysis Positional Isomers of tert-Butylphenol	Food and Environmental Analysis Analysis of Chlorate and Perchlorate

BioPulite® Series: Designed for Oligonucleotides, Peptides, ADC Linkers, and LNP Analysis.

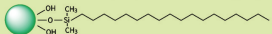
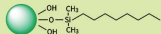
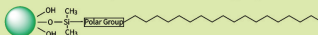
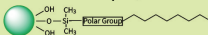
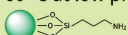
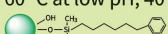
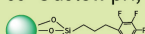
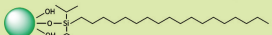
BioPulite Series columns feature 300 Å pore size media, enabling efficient analysis of large biomolecules such as monoclonal antibodies (mAbs) and proteins. An ideal tool for biopharmaceutical, biotechnology, and life science research.

Recommended Applications

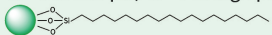
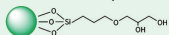
XP Protein tC18 pH: 1-12 Maximum operating temperature: 80 °C at low pH; 60 °C at high pH 	- C18-Bonded Hybrid Silica Chromatography Column - Excellent Peak Shape, Stable Across pH 1-12, with Extended Column Lifetime Under High pH, Elevated Temperature, and High Salt Conditions - For the Separation of Peptides, Intact Proteins, Oligonucleotides, mRNA, and Other Large Biomolecules.	Pharmaceutical Analysis Pharmaceutical Applications: Peptides (MW > 4000) and Peptide Mapping Reverse-Phase Ion-Pair Analysis of Oligonucleotides, e.g., ASO Impurity Profiling, siRNA Separation Lipid and mRNA Analysis in Lipid Nanoparticles, including Insulin Larginine	
XP Protein tC4 pH: 1-12 Maximum operating temperature: 80 °C at low pH; 50 °C at high pH 	- C4-Bonded Hybrid Silica Column - Outstanding Peak Shape and pH 1-12 Stability, Offering Enhanced Column Lifetime at High pH, High Temperature, and High Salt Conditions. - Designed for Reverse-Phase Protein Separation	Pharmaceutical Analysis Pharmaceutical Applications: Reverse-Phase Analysis of mAbs and Proteins.	
XP Protein RP18 Plus pH: 2-11 Maximum operating temperature: 50 °C at low pH; 45 °C at high pH 	- C18-Bonded Hybrid Silica Column - Featuring Embedded Polar Groups, Fully Compatible with 100% Aqueous Mobile Phases. - Designed for Large Biomolecule Analysis with Selectivity Different from XP Protein tC18.	Pharmaceutical Analysis Pharmaceutical Applications: Peptides with Molecular Weight Above 4000.	
Gold Protein C4 pH: 2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	- C4-Bonded Hybrid Silica Column - High Cost-Effectiveness	Pharmaceutical Analysis Pharmaceutical Applications: Analysis of Monoclonal Antibodies (mAbs) and Proteins.	
Gold Protein C18 pH: 2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	- C18-Bonded Silica Column - Cost-Effectiveness - Excellent Batch-to-Batch Reproducibility with Sharp Peak Shape - For the Separation and Analysis of Peptides and Proteins	Pharmaceutical Analysis Pharmaceutical Applications: Peptides, Including Salmon Calcitonin Impurity Analysis.	

Protein Perfect SEC pH:2-8 Maximum operating temperature: 45 °C at low pH; 45 °C at high pH 	• Silica-Based Size Exclusion Chromatography (SEC) Column • Suitable for the Analysis of Large Biomolecules Such as Peptides and Proteins, as well as Water-Soluble Polymers.	Pharmaceutical Analysis	Pharmaceutical Applications 125 Å Column:Protein Molecular Weight Range: 500–150,000 Da (e.g., insulin, peptides) Water-Soluble Polymers: 500–25,000 Da 300 Å Column:Protein Molecular Weight Range: 5,000–1,250,000 Da Water-Soluble Polymers: 1,000–100,000 Da Additional Application:Related Substances of Faropenem Sodium
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MicroPulite® Gold Series:Preferred Choice for Cost-Effective Columns

 High Purity Silica The Gold Series Columns are packed with high-purity silica particles and manufactured under a strict ISO 9001 quality control system. They deliver excellent peak shapes while ensuring outstanding batch-to-batch stability and reproducibility. With a wide variety of bonded phases available, they are the preferred cost-effective choice for routine analyses.			
Stationary Phase	Characteristics	Stationary Phase	Characteristics
Gold C18 pH:2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	• C18-Bonded Silica Column • Cost-Effective C18 Column with Broad Applicability • Excellent Batch-to-Batch Stability and Reproducibility • Enhanced Peak Shape for Basic Compounds, Suitable for Applications in Pharmaceuticals, Food, and Environmental Testing.	Gold C8 pH:2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	• C8-Bonded Silica Column • Cost-Effective C8 Column with Broad Applicability • Lower Retention than C18, Suitable for the Analysis of Slightly Larger Molecules. • Enhanced Peak Shape for Basic Compounds, Mainly Used in Pharmaceutical Applications.
Gold RP18 Plus pH:2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	• C18-Bonded Silica Column with Embedded Polar Groups • Compatible with 100% Aqueous Mobile Phases • Selectivity Distinct from C18, Offering Specific Retention for Polyhydroxy Compounds and Improved Peak Shape for Basic Compounds.	Gold RP8 Plus pH:2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	• C8-Bonded Silica Column with Embedded Polar Groups • Compatible with 100% Aqueous Mobile Phases • Lower Retention than C18 • Suitable for the Separation of Larger Molecules
Gold EC -NH ₂ pH:2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	• Aminopropyl-Bonded Silica Column • Broad Applicability • Suitable for Both Normal Phase and HILIC Modes – Efficiently Separates Monosaccharides, oligosaccharides, and Sugar Alcohols in HILIC, and Steroids in Normal Phase.	Gold HILIC pH:2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	• Unbonded Silica Column • HILIC Mode Enhances Retention of Polar Compounds, Suitable for Analyzing Compounds Poorly Retained or Not Retained on C18. • Can Be Used in Normal Phase Mode
Gold Phenyl- Hexyl pH:2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	• Phenyl-Hexyl Bonded Silica Column • Offers Distinct Selectivity Compared to Straight-Chain Alkyl Columns (C18, C8, etc.). • Provides Unique Selectivity for Aromatic, Amino, and Polar Compounds.	Gold PFP pH:2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	• Pentafluorophenyl-Propyl Bonded Silica Column • Unique Selectivity Influenced by Hydrogen Bonding, Dipole-Dipole Interactions, Aromatic/π-π Interactions, and Hydrophobic Effects. • Suitable for the Analysis of Aromatic Compounds, Halogenated Compounds, and Planar Positional Isomers. • Enhances Retention of Polar Compounds
Gold C18-SB pH:2-8 Maximum operating temperature: 60 °C at low pH; 40 °C at high pH 	• C18-Bonded Silica Column • Larger Side Chains Extend Column Lifetime under Neutral and Low pH Conditions.		

MicroPulite® Perfect Series:Balanced Retention for Polar Compounds

 High Purity Silica The Perfect Series columns are suitable for the analysis of polar compounds. The columns retain and separate polar analytes under reversed-phase or HILIC conditions, with WePure®'s unique end-capped technology to deliver superior peak shape.			
Stationary phase	Characteristics	Stationary phase	Characteristics
Perfect T3 pH:1-8 Maximum operating temperature: 45 °C at low pH; 45 °C at high pH 	• C18-Bonded Silica Column • Tolerant to 100% aqueous phase, enhancing the retention of polar compounds while maintaining retention for moderately and highly hydrophobic compounds	Perfect Diol pH:1-8 Maximum operating temperature: 60 °C at low pH; 60 °C at high pH 	• Diol-propyl bonded silica gel chromatography column • Can be used in both normal phase and hydrophilic interaction modes • Has special selectivity for amine compounds

MicroPulite® Platinum Series: New Standard for Pure Silica-based Columns

 High Purity Silica The platinum column is designed for high loading capacity, maximizing the surface area, which gives this series exceptional sample capacity. ✓Silica-based column with high sample loading capacity. ✓ Excellent peak shape and high column efficiency under low pH. ✓ Better peak shape for basic compounds.			
Stationary Phase	Characteristics	Stationary Phase	Characteristics
Platinum C18 pH:1-8 Maximum operating temperature: 50 °C at low pH; 40 °C at high pH	• Characteristics • Large surface area, high loading capacity • Within the low to mid pH range, better separation of acidic, neutral, and basic compounds, with symmetrical peak shapes	Platinum C8 pH:1-8 Maximum operating temperature: 50 °C at low pH; 40 °C at high pH	• C8-Bonded Silica Column • Lower Retention than C18 • Better separation of acidic, neutral, and basic compounds within the low to mid pH range, with excellent peak shapes

PrePulite® Gold Preparative Packing Media: High Purity Silica Preparative Packing Media

Gold Series packing media are prepared using high-purity spherical silica and various bonded functional groups. The high-purity silica matrix provides high loading capacity and excellent separation efficiency, making it the preferred choice for cost-effective preparative separations.



High Purity Silica

Type	Particle Size (μm)	Pore Size(Å)	Pore volume (mL/g)	Surface Area (m ² /g)	End-capped	Carbon load(wt%)
Gold C18	7, 10μm	120	0.9	300	YES	18%
Gold C8	7, 10μm	120	0.9	300	YES	10%
Gold C4	7, 10μm	120	0.9	300	YES	3.9%
Gold HILIC	7, 10μm	120	0.9	300	NO	-
Gold AQ-C18	7, 10μm	120	0.7	185	YES	18%
Gold Phenyl-hexyl	7, 10μm	120	0.7	185	YES	13%

PrePulite® XP Preparative Packing Media: Excellent Stability Under Both Acidic and Basic Conditions

The unique hybrid structural technology combines the advantages of both organic and inorganic packing materials, preserving the high efficiency of conventional silica while significantly extending the usable pH range. Under basic mobile phase conditions, the material exhibits a much longer lifetime than conventional surface-hybrid packings, offering greater flexibility in preparative method selection and helping laboratories reduce costs while improving efficiency.



Hybrid Silica

Type	Particle Size (μm)	Pore Size(Å)	Pore volume (mL/g)	Surface Area (m ² /g)	End-capped	Carbon load(wt%)
XP tC18	7, 10μm	130	0.7	185	YES	18%
XP C18	7, 10μm	130	0.7	185	YES	19%
XP tC8	7, 10μm	130	0.7	185	YES	12.5%
XP C8	7, 10μm	130	0.7	185	YES	13.5%
XP tC4	7, 10μm	130	0.7	185	YES	8%
XP C4	7, 10μm	130	0.7	185	YES	9.5%
XP T3	7, 10μm	130	0.7	185	YES	14%
XP Phenyl-hexyl	7, 10μm	130	0.7	185	YES	15%
XP HILIC	7, 10μm	130	0.7	185	NO	-
XP Oligo tC18	7, 10μm	130	0.7	185	YES	18%
XP tPFP	7, 10μm	130	0.7	185	NO	7%
XP tC18/PFP	7, 10μm	130	0.7	185	NO	15%
XP tC18/AX	7, 10μm	130	0.7	185	YES	17.5%
XP Amide	10μm	130	0.7	185	NO	17%
XP RP18 Plus	10μm	130	0.7	185	YES	17.1%

PrePulite® PHS XP Preparative Packing Media: Choice for Complex Separation

Surface-charged hybrid structure packing materials that improve the tailing of basic compound peaks without the need for ion-pair reagents, using only a standard mobile phase. Under overload preparative conditions, they effectively reduce the overlapping region of co-eluting compounds, improving product purity and purification yield.



Charged Hybrid Silica

Type	Particle Size (μm)	Pore Size(Å)	Pore volume (mL/g)	Surface Area (m ² /g)	End-capped	Carbon load(wt%)
PHS XP tC18	7, 10μm	130	0.7	185	YES	16.5%
PHS XP Phenyl-Hexyl	7, 10μm	130	0.7	185	YES	14.5%
PHS XP tF5	7, 10μm	130	0.7	185	NO	10%

PrePulite® Perfect Preparative Packing Media: Preferred Choice for Polar Compound Separation

Specifically developed for polar compounds, offering bonded phases dedicated to reversed-phase, normal-phase, and HILIC modes. It efficiently handles compounds ranging from weakly to moderately and highly polar. The availability of multiple modes greatly simplifies method development, enabling efficient and precise purification of polar compounds.



High Purity Silica

Type	Particle Size (μm)	Pore Size(Å)	Pore volume (mL/g)	Surface Area (m ² /g)	End-capped	Carbon load(wt%)
Perfect T3	10μm	120	1.0	300	YES	14%
Perfect Diol	10μm	120	1.0	300	YES	15%
Perfect HILIC	10μm	120	1.0	300	NO	-

PolyPulite® Resin-based Preparative Packing Media: Robust, Low-Swelling, High-Load Packing

For high loading capacity, this packing material offers outstanding stability across a wide pH range, ensuring efficient and reliable separations. A diverse range of stationary phases enables operation in normal-phase, reversed-phase, and aqueous mobile phases, greatly enhancing method development flexibility.

The material also provides excellent sample recovery, reducing product loss while maintaining high separation performance, making it an ideal solution for preparative purification workflows.

Packing Media	Bonded Phase	Description	Packing Specification	Part No.
PolyPulite	HLB	PolyPulite HLB 30μm	1000G	HLB -30-1000G
	HLB	PolyPulite HLB 60μm	1000G	HLB -60-1000G
	HLB Pro	PolyPulite HLB Pro 30μm	1000G	HLBP -30-1000G
	HLB Pro	PolyPulite HLB Pro 60μm	1000G	HLBP -60-1000G
	MCX	PolyPulite MCX 30μm	1000G	MCX -30-1000G
	MCX	PolyPulite MCX 60μm	1000G	MCX -60-1000G
	MAX	PolyPulite MAX 30μm	1000G	MAX -30-1000G
	MAX	PolyPulite MAX 60μm	1000G	MAX -60-1000G
	WCX	PolyPulite WCX 30μm	1000G	WCX -30-1000G
	WCX	PolyPulite WCX 60μm	1000G	WCX -60-1000G
	WAX	PolyPulite WAX 30μm	1000G	WAX -30-1000G
	WAX	PolyPulite WAX 60μm	1000G	WAX -60-1000G



Committed to Becoming a Global Leader in HPLC Packing Media

WePure Biotech (Guangzhou) Co., Ltd.

☎ : 020-39394992

🖨 : 020-39394993

✉ : support@wepuretech.com

🌐 : www.wepuretech.com

📍 : 9/F, Building 7,6 Nanjiang Second Rd., Zhujiang Street, Nansha District, Guangzhou, China

