



POREX[®] CHROMATOGRAPHY SOLUTIONS

More accurate results for your sample preparation device with custom engineered porous polymer materials

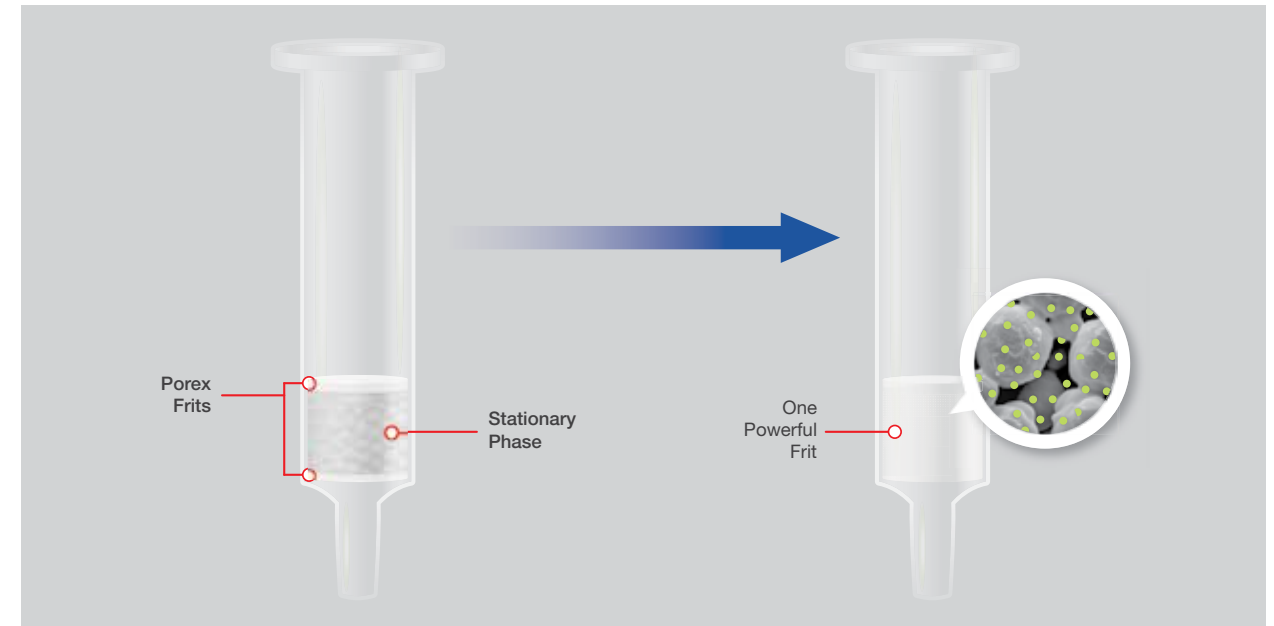
SUPERCHARGE YOUR SEPARATION DEVICE WITH A SINGLE, MORE POWERFUL FRIT

Improve operational efficiency and test accuracy

In addition to decades of experience engineering custom frits for global customers, POREX® porous polymer materials can create a single frit powerful enough to replace the two support frits and the loose beads in the stationary phase. By modifying one frit with your choice of surface treatments and functionalized resins, separation device manufacturers can increase their operational efficiency and get more accurate results. When you collaborate with Porex, the only limitation is your imagination.

Check out the below table for some of our most commonly requested customizations for both traditional frits and additional options to supercharge your device - and then reach out to discuss your ideas with one of our application experts to make them a reality.

DO MORE WITH A SINGLE, MORE POWERFUL FRIT



+ MORE POWER FOR YOUR DEVICE

LAB TECHNIQUE	CONFIGURATION	MATERIALS	SHAPES	FUNCTIONALIZED RESINS*	SURFACE ENHANCEMENTS
Solid Phase Extraction ▶	Column and Cartridge Frits Well Plate Frits	Polyethylene (PE) Polypropylene (PP) PTFE	Molded 3D Shapes Rods Die Cut	Ion Exchange Reverse Phase Normal Phase CPG - Controlled Porous Glass Beads Carbon	Hydrophilicity Hydrophobicity Oleophobicity Custom Options Available
Protein Precipitation ▶	Column and Cartridge Frits Well Plate Frits Desalting Column Frits Gravity Flow Column Frits Automation Platform Frits	Polyethylene (PE) PTFE	Rolls Sheets Die Cut	Ion Exchange Reverse Phase Normal Phase CPG Carbon	Hydrophilicity Hydrophobicity Oleophobicity Custom Options Available
Affinity Chromatography ▶	Column and Cartridge Frits Gravity Flow Pipette Tip Filters Spin Columns	Polyethylene (PE) Polypropylene (PP) PTFE	Sheets Rods Tubes Molded 3D Shapes Die Cut Shapes	Ion Exchange Reverse Phase Normal Phase CPG Carbon	Hydrophilicity Hydrophobicity Oleophobicity Custom Options Available
Flash Chromatography ▶	Column and Cartridge Frits	Polyethylene (PE) Polypropylene (PP) PTFE	Sheets Die Cut Shapes Molded 3D Shapes	Ion Exchange Reverse Phase Normal Phase CPG Carbon	Hydrophilicity Hydrophobicity Oleophobicity Custom Options Available

*Additives provided by customer based on specific needs



REPLACE THE RESIN WITH ONE POWERFUL FRIT

Customize your device

- Surface treatment options and functionalized resins specific to a specific test application can be added per customer specification
- Customizable shapes support many different application designs

Increase operational efficiency

- Assemble device more easily with one component
- Improve sorbent strength control
- Eliminate issues with loose sorbent
- Enable high-throughput automation
- Eliminate column packing variability

Increase lot-to-lot reproducibility

- Reduce risk of sample contamination from leachables, extractables, and particle shedding for more accurate test results with CERTIFIED PURE POREX® materials*

Optimize resin support

- Allow no absorbents to pass with narrow pore size distribution

*select materials only

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