

PRP-X400 Analytical Replacement Cartridges (5/pk), PEEK

Specification Sheet (Part/REF # 79377)



PRP-X400 is a type of cation exchange resin, highly effective in detecting and removing the pesticide glyphosate and its metabolites from drinking water. In addition to this specific application, it handles a broad range of inorganic and organic cations, making it indispensable in numerous scientific and industrial contexts.

Product Specifications

Separation Mode	Cation Exchange
Stationary Phase	PRP-X400
Format	Replacement Guard Cartridge
Hardware Inner Diameter	3.0 mm
Hardware Length	8 mm
Particle Size	7 µm
Packing Material Type	PSDVB/Sulfonic Acid
Particle Surface Area (m²/cm³)	8.25
Pore Volume (cm³/g)	0.0576
Guard Column Size	Analytical
Hardware Material	PEEK
Max Pressure	5,000 psi
Mobile Phase Limits	pH 1-13. 0-100% aqueous, organic modifier
Compound Classification	Glyphosate
Frit Material	Titanium
UOM	5/pk

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/laboratory-products/hplc-columns/79377>

Spec. Version B