

# PRP-X400 Analytical Guard Column Starter Kit (1 holder, 2 cartridges), PEEK

Specification Sheet (Part/REF # 79376)



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

<b>Separation Mode</b>	Cation Exchange
<b>Stationary Phase</b>	PRP-X400
<b>Format</b>	Guard Cartridge Kit
<b>Hardware Inner Diameter</b>	3.0 mm
<b>Hardware Length</b>	8 mm
<b>Particle Size</b>	7 µm
<b>Packing Material Type</b>	PSDVB/Sulfonic Acid
<b>Particle Surface Area (m<sup>2</sup>/cm<sup>3</sup>)</b>	8.25
<b>Pore Volume (cm<sup>3</sup>/g)</b>	0.0576
<b>Guard Column Size</b>	Analytical
<b>Hardware Material</b>	PEEK
<b>Max Pressure</b>	5,000 psi
<b>Mobile Phase Limits</b>	pH 1-13. 0-100% aqueous, organic modifier
<b>Compound Classification</b>	Glyphosate
<b>Frit Material</b>	Titanium
<b>UOM</b>	1 holder, 2 cartridges

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/laboratory-products/hplc-columns/79376>

Spec. Version B