

# Columns for Polymer-based Hydrophilic Interaction Chromatography (HILIC) (Asahipak)

## Features

- NH2P**
- Suitable for saccharides analysis by hydrophilic interaction chromatography (HILIC)
  - Polymer-based packing material provides excellent chemical stability and minimum deterioration over extended time period
  - Easily regenerated by washing in a alkaline solution
  - Also suitable for evaporative light scattering detector, corona charged aerosol detector, and LC/MS
  - Corresponds to USP L82
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- NH2P-40**
- Provides higher theoretical plate number compared to NH2P-50 series
  - Corresponds to USP L82

## Standard columns

Product Code	Product Name	Plate Number (TP/column)	Functional Group	Particle Size (µm)	Pore Size (Å)	Column Size (mm) I.D. x Length	Shipping Solvent
F7630005	<b>Asahipak NH2P-50 4B</b>	≥ 1,500	Amino	5	100	<b>4.6 x 50</b>	CH <sub>3</sub> CN
F7630002	<b>Asahipak NH2P-50 4D</b>	≥ 5,500	Amino	5	100	<b>4.6 x 150</b>	CH <sub>3</sub> CN
F7630001	<b>Asahipak NH2P-50 4E</b>	≥ 7,500	Amino	5	100	<b>4.6 x 250</b>	CH <sub>3</sub> CN
F6710016	<b>Asahipak NH2P-50G 4A</b>	(guard column)	Amino	5	–	<b>4.6 x 10</b>	CH <sub>3</sub> CN
F7630006	<b>Asahipak NH2P-50 2D</b>	≥ 3,500	Amino	5	100	<b>2.0 x 150</b>	CH <sub>3</sub> CN
F6713000	<b>Asahipak NH2P-50G 2A</b>	(guard column)	Amino	5	–	<b>2.0 x 10</b>	CH <sub>3</sub> CN
F7630007	<b>Asahipak NH2P-40 3E</b>	≥ 8,500	Amino	4	100	<b>3.0 x 250</b>	CH <sub>3</sub> CN
F6710030	<b>Asahipak NH2P-50G 3A</b>	(guard column)	Amino	5	–	<b>3.0 x 10</b>	CH <sub>3</sub> CN
F7630008	<b>Asahipak NH2P-40 2B</b>	≥ 2,000	Amino	4	100	<b>2.0 x 50</b>	CH <sub>3</sub> CN
F7630009	<b>Asahipak NH2P-40 2D</b>	≥ 5,500	Amino	4	100	<b>2.0 x 150</b>	CH <sub>3</sub> CN
F7630010	<b>Asahipak NH2P-40 2E</b>	≥ 7,000	Amino	4	100	<b>2.0 x 250</b>	CH <sub>3</sub> CN
F6710100	<b>Asahipak NH2P-LF</b>	(line filter)	Amino	–	–	<b>8.0 x 75</b>	CH <sub>3</sub> CN

Base Material : Polyvinyl alcohol

## 3mm I.D columns [Customized columns]

Product Code	Product Name	Functional Group	Particle Size (µm)	Pore Size (Å)	Column Size (mm) I.D. x Length
F7630011	<b>Asahipak NH2P-40 3B</b>	Amino	4	100	<b>3.0 x 50</b>
F7630012	<b>Asahipak NH2P-40 3D</b>	Amino	4	100	<b>3.0 x 150</b>

## Preparative columns \* Preparative columns are made to order.

Product Code	Product Name	Plate Number (TP/column)	Particle Size (µm)	Column Size (mm) I.D. x Length	Standard Column
F6830001	<b>Asahipak NH2P-50 10E</b>	≥ 10,000	5	<b>10.0 x 250</b>	NH2P-50
F6830031	<b>Asahipak NH2P-90 20F</b>	≥ 10,000	9	<b>20.0 x 300</b>	NH2P-50
F6710017	<b>Asahipak NH2P-130G 7B</b>	(guard column)	13	<b>7.5 x 50</b>	(guard column)

