

## C columns

### Product Information

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**Cat#No#** C-006C

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### Product Overview

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C columns are economical empty columns suitable for low pressure liquid chromatography and gravity feed at the lower volumes used at research scale.

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### Description

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The C-series columns are designed for Standard Chromatography. The eluent inlet pieces incorporate a “reverse funnel” design that distributes eluent evenly over the cross-sectional area of the gel bed surface. This causes minimal disturbance of the gel bed and results in improved flow properties. The C-series columns are available in the following dimensions.

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### Characteristic

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Economical – for low pressure liquid chromatography at research scale.

Broad compatibility – functions with a stand-alone pump, chromatography system, or gravity feed.

Precise temperature control – with the optional cooling jacket.

Efficient packing – packing reservoirs are available as accessories specific to each column diameter.

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### Chemical stability

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Resistant to aqueous solutions and solvents used in liquid chromatography. Not resistant to acetone, ketones, chlorinated hydrocarbons, aliphatic esters, phenol, NaOH, >10% HCl, >5% acetic acid, or strong mineral acid.

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### Cleaning-in-place

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Suitable cleaning agents are soapy water or laboratory detergents. Enzyme detergents are recommended for removing proteinaceous contamination. With the polyethylene tubing and the net ring (10) removed, the column may be autoclaved for 20 minutes at 120°C.

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### Column i.d.

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10 mm

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### Bed support

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## C columns

Net

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**Material (bed support)**

Polyamide (PA) Polypropylene (PP)

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**Material (column tube)**

Borosilicate Glass

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**Porosity**

10 or 80  $\mu\text{m}$

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**Tube height**

100 mm

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