

Fortis™ Prep

- 5µm and 10µm particles
- High Loadability
- Optimised Packing Efficiency
- Narrow peak profile, High Efficiency and Resolution

Fortis Prep columns are designed for high sample loading, high throughput applications. The optimised packed bed (OPB) process ensures excellent peak shapes and efficiency, whilst the lifetime of the column is increased.



Columns & Bulk

Fortis Prep columns come in sizes from 30mm to 250mm in length and from 10mm in diameter all the way up to 50mm (2" i.d.).

Pre-packed columns are advised for < 2" i.d. after this Bulk material can be supplied for those wishing to pack DAC (Dynamic Axial Compression) columns.

If preparative columns are packed with the identical media to their analytical counterpart then the ability to scale up with the theoretical calculations will be accurate.

- 10mm, 21.2mm and 30mm i.d.
- 5µm and 10µm particles
- 100g to multi Kg bulk available

Contact us for more information on availability of prep options/bulk packings, or to discuss your application and the ability to scale up. Our technical experts will be happy to discuss your needs with you.



Filter & Guard Options

- Guard system for all 3µm, 5µm and 10µm phases
- Low volume in-line filters for LC and UHPLC
- Maintain chromatographic integrity

Fortis Guards and filters are designed to ensure that erroneous materials do not find their way onto the more important and expensive analytical column. Guards are available in sizes to match all analytical and preparative column dimensions. Filters are particularly suitable for short fast LC/MS (Pace™) columns and UHPLC columns.



- Direct connect guard system for all 3µm, 5µm and 10µm phases
- Quick replacement cartridges
- Highly Cost Effective



- Preparative guard system 10mm & 21.2mm
- Quick replacement cartridges
- Highly Cost Effective
- Reduced volume coupler available



- In-line Filter for all LC columns
- Low volume in-line filters
- Change over time is seconds not minutes

Fortis in-line filters are fingertight direct connect design, fitting in between the column and the conventional peek fitting to filter out particulate matter, it contains low dead volume and pressure. In-line filters are ideal for very short fast columns such as Fortis Pace™ LC/MS columns where extra packed bed from a guard would be detrimental.

In-line filters are also available in UHPLC format, capable of withstanding the elevated pressures involved.



- Filter for all UHPLC columns
- No backpressure increase
- Increase lifetime of UHPLC columns
- Low volume in-line filter
- Change over time is seconds not minutes

In-line Filters	
2-SAV5	2µm In-line filter pk 5
2-SAV10	2µm In-line filter pk 10
UHPSAV2	UHPLC In-line filter pk 2
UHPSAV4	UHPLC In-line filter pk 4