

Argento Scientific **pre-packed columns** come ready to use with user-specified resins and bed dimensions. We pack to agreed, measurable specifications. Work with us on your next purification project and benefit from:

- Guaranteed results as measured by efficiency and asymmetry
- Certificate of analysis with every individual column
- Superior Omnifit® hardware used
- ISO 9001:2008 quality management system
- Option to recycle your existing column fleet
- Flexibility of using any resin specified, including new or conditioned resins
- Reproducible performance across columns

### Applications

- Resin evaluation
- Process robustness studies
- Viral clearance studies
- Scale down modeling
- Sample preparation
- CIP modeling

### COLUMN SPECIFICATIONS

Column inner diameter range:	3mm to 50mm
Column bed height range:	0mm to 470mm
Bed volume range:	0ml to 941ml
Column wetted parts:	borosilicate glass, PTFE and FKM/FPM (o-rings)
Chemical stability:	Resistant to aqueous solutions and most solvents used in liquid chromatography. Not resistant to acetone, ketones, chlorinated hydrocarbons, aliphatic ester, phenol, >10% NaOH, >10% HCl, >5% acetic acid, or strong mineral acid.
Column storage solution:	customer specified (usually 20% ethanol)
Frit material:	25µ polyethylene with 30µ and 10µ spares
Maximum working pressure:	up to 1200 psi, (80 bar)
Connectors:	¼-28 ports, ¼" and ⅜" OD tubing

Ready-made tube sets with torque-limiting nuts and caps are also available to complete your project.

The Gripper Fitting, has a unique ferrule design that doesn't pinch or constrict the tubing

Click-N-Seal® nuts are a patented, torque-limiting design that prevents over/under-tightening, and can be reused.

