

Dead volume can be DEADLY...



Micro Guard Columns

NEW!

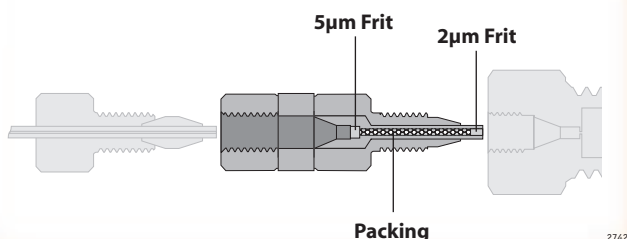
Protect your column without sacrificing resolution

- Ultra-low volume design maintains peak shape
- Ideal for micro and analytical columns
- Finger-tight and disposable

Micro-Guard™ Specifications

Dimensions:	1.0mm i.d. x 14mm L
Wetted Materials:	Polyphenylene Sulfide, PEEK
Max Pressure:	5000psig
Packing:	25-40µm porous silica with specified phase
For Use With:	2mm-4.6mm i.d. HPLC Columns

Micro-Guard™ Design



Self-adjusting stem directly connects into any 10-32 column port

MICRO-GUARD™ COLUMNS

PACKING	QTY.	PART No.	PRICE
C18	5	51130	
C8	5	51131	
Phenyl	5	51133	
CN	5	51135	
NH2	5	51137	
Anion Exchanger	5	51138	
Cation Exchanger	5	51139	
Silica	5	51132	

* US Patent #5,525,303; #5,730,943; #5,911,954. Packed in Optimize Technologies, Opti-Guard™ Hardware.

Universal Mini Filter

NEW!

Prevent particulate build-up in columns, valves, or mass spec detectors

This ultra-low volume, finger-tight depth filter offers greater capacity without band spreading. The self-adjusting stem enables a perfect connection into any 10-32 port.



UNIVERSAL MINI FILTERS, 5/PK

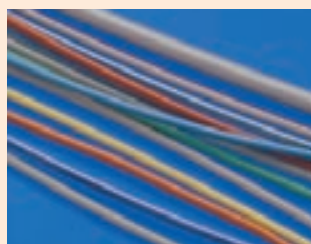
DESCRIPTION	INTERNAL VOLUME	POROSITY	PART No.	PRICE
Mini Filter	1.2µL	0.5µm	77166	
Mini Filter	1.2µL	2.0µm	77167	
Mini Filter	0.2µL	1.0µm	77168	

*Patent #5,525,303; #5,730,943; #5,911,954.

Ultra-Low Volume PEEK Tubing

Gain efficiency when you downsize system tubing

The easiest and least expensive way to improve chromatography is to replumb your system with smaller i.d. tubing. Typical LC's contain 0.007 or 0.010" i.d. tubing. Replace with 1-2 sizes smaller and watch those theoretical plates climb!



Chemically inert PEEK is easy to cut.

ALLTECH PEEK TUBING

COLOR	TUBING O.D. X I.D.	PRESSURE RATING (PSIG)	QTY. (FT)	PART No.		PRICE
				STRIPED	SOLID	
Natural	1/16" x 0.0025"	8,000	10	—	35757	
			50	—	35759	
Red	1/16" x 0.005"	7,000	10	35714	35720	
			50	35715	35721	
Yellow	1/16" x 0.007"	7,000	10	35712	35722	
			50	35713	35723	

Contact your Alltech office or distributor for current or local prices.

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