

# New! Rxi™ Guard Columns and Alumaseal™ Connector

- Prolong analytical column lifetime and lower detection limits for active compounds.
- Guaranteed consistent inertness from one guard column to the next.
- Order analytical column and guard column separately, or connected and tested at Restek.



**Chromatography Products**

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## Rxi™ Guard Columns

- Extend column lifetime.
- Lower detection limits for active compounds.
- Excellent inertness—tested with isothermal test mix.
- Maximum temperature: 360°C.

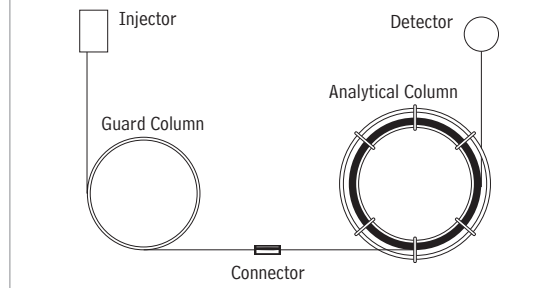
coming soon

Available April 2007!

## Fused Silica

Nominal ID	Nominal OD	5-Meter	5-Meter/6-pk.	10-Meter	10-Meter/6-pk.
0.25mm	0.37 ± 0.04mm	10029	10029-600	10059	10059-600
0.32mm	0.45 ± 0.04mm	10039	10039-600	10064	10064-600
0.53mm	0.69 ± 0.05mm	10054	10054-600	10073	10073-600

**Figure 1**—A guard column connected to an analytical column.



## Alumaseal™ Connector for Rxi™ Guard Columns

This novel connector is leak-tight, inert, and has no dead volume. Currently, the connection is made in-house, which gives you the added advantage of having your column tested with the guard column attached, before we ship the assembly.

To have an Rxi™ guard column attached and tested with your Rxi™ analytical column, add the appropriate suffix number (listed below) to the column catalog number.

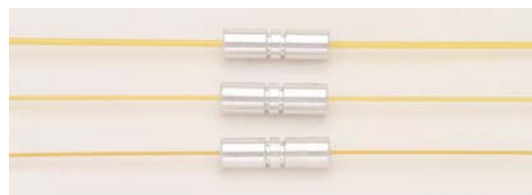
ID	Length	Suffix #
0.25mm	5m	-170
	10m	-173
0.32mm	5m	-171
	10m	-174
0.53mm	5m	-172
	10m	-175

Price of the guard column and connector, to be added to the price of the column. Currently available for Rxi™ analytical columns only.

restek innovation!

**The best column connector available:**

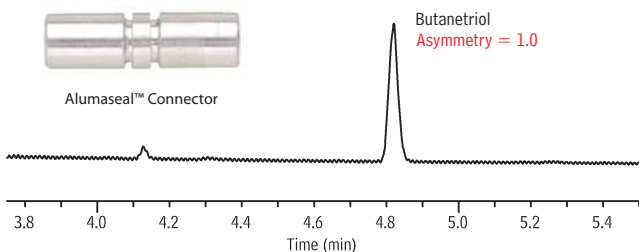
- Leak-tight.
- Inert.
- No dead volume.
- Low thermal mass.



**Figure 2**—The Alumaseal™ Connector is an inert, zero dead volume connector for fused silica columns; once sealed, the columns will not release or leak. Butanetriol will tail due to active sites or dead volume in the connector. The perfect peak symmetry observed for butanetriol when using the Alumaseal™ Connector demonstrates its guarantees inertness as well as a leak tight system.

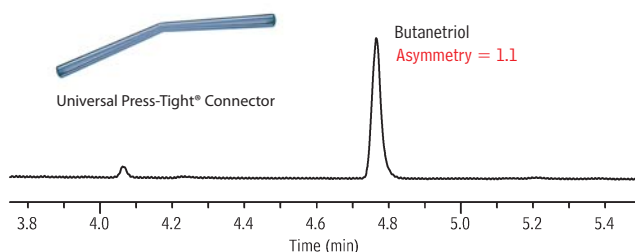
### Alumaseal™ Connector

10m x 0.32mm ID, 0.10µm column connected to 2m x 0.53mm ID Hydroguard™ tubing



### Universal Press-Tight® Connector

10m x 0.32mm ID, 0.10µm column connected to 2m x 0.53mm ID Hydroguard™ tubing



GC\_PC00905

Restek Trademarks:  
Alumaseal, Hydroguard, Press-Tight, Rtx, Rxi, Restek logo.



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