



## Will a different guard column hardware system different from the Cogent system affect my results when using a Cogent column - FAQ

If any guard column is packed well with the same stationary phase as the analytical column to be used with and the guard system hardware has very little or no inherent dead volume, it should not affect the results you get compared to using the Cogent™ guard system. You can join any guard column system, that is not an integral part of the column, to any standard analytical or prep HPLC column using a column coupler / union.

*It is important to note that any guard column or extra tubing or fittings has the potential to degrade efficiency. You always want to minimize your tubing lengths and make sure you have good quality fittings and that you remove all kinks and bends in your tubing.*

Click [HERE](#) for column couplers ordering information and pictures.



Printed from the Chrom Resource Center

Copyright 2025, All Rights Apply

**MicroSolv Technology Corporation**

9158 Industrial Blvd. NE, Leland, NC 28451

Tel: (732) 380-8900

Fax: (910) 769-9435

Email: [customers@mtc-usa.com](mailto:customers@mtc-usa.com)

Website: [www.mtc-usa.com](http://www.mtc-usa.com)