

LEARN WHY MANY LABS HAVE CONVERTED TO THIS COLUMN TECHNOLOGY

COGENT



TYPE-C Silica™
Based HPLC Columns

Separate
Everything
with Cogent
Type-C Columns

**You CAN
do more!**

MANUFACTURED BY:

MICROSOLV TECHNOLOGY CORPORATION

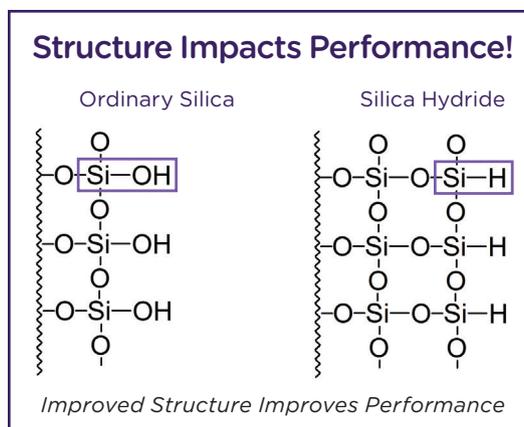
Finally a new technology that saves you time and money!

The Difference

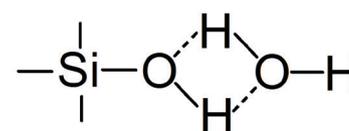
There have been some really great advancements in chromatography over the past 10 years but it is the silica hydride technology that offers real advancements in HPLC column technology.

Ordinary silica is populated with silanols (Si-OH) even after bonding and extensive end capping. These silanols are the main reason for the strong association with water and the resulting "hydration shell" that surrounds all silica based columns.

TYPE-C™ silica, is the same as ordinary silica but is populated with silicon hydrides (Si-H) instead of silanols leaving the remaining surface, after bonding, slightly hydrophobic. With TYPE-C™ silica there is no permanent "hydration shell" producing many chromatographic benefits.

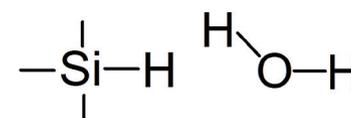


Ordinary Silica

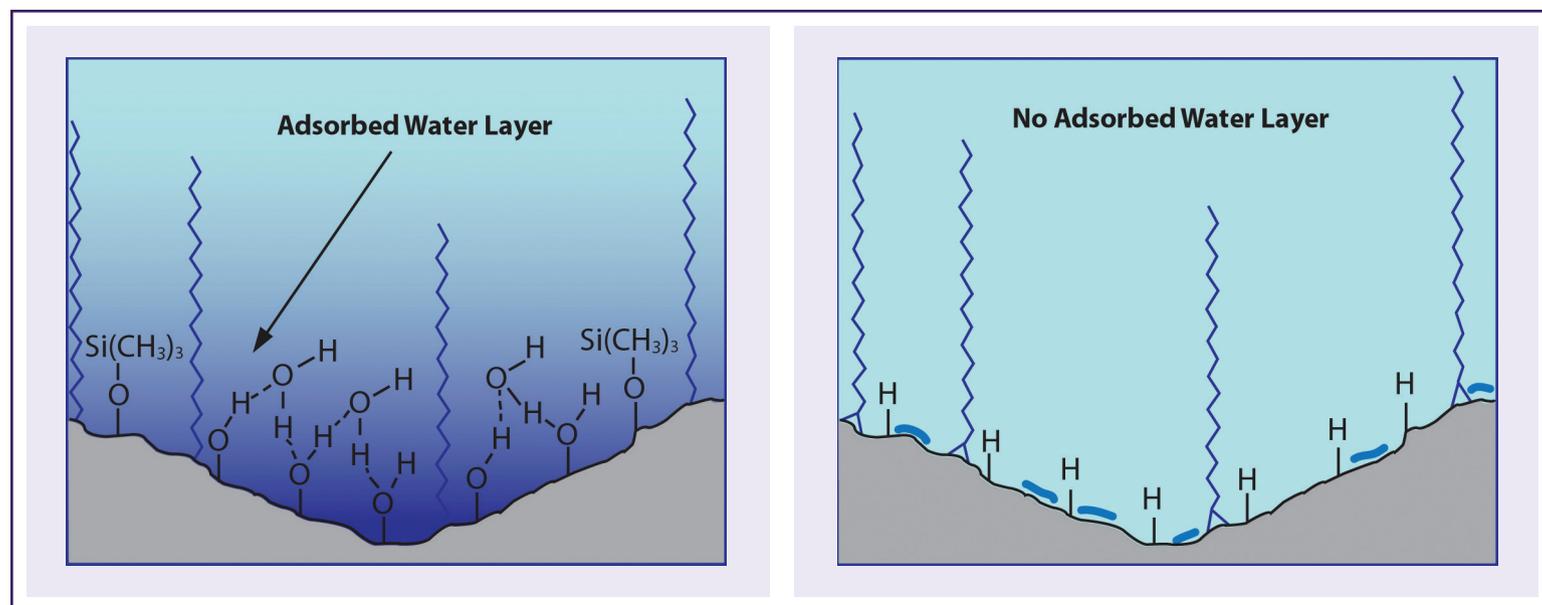


Strong association with water.

Silica Hydride



Strong association with water.



Visit our website for methodologies and our full application note library along with our technical support information.

YOU WON'T BELIEVE HOW EASY IT WAS WITH COGENT COLUMNS

Do more runs per hour with a column that lasts a very long time.

Yes, HPLC is very expensive to operate and it is up to everyone to make it as affordable as possible to help your lab's bottom line and budget. With Cogent TYPE-C™ silica based columns you will save money and time but more importantly, you will be able to do more runs in a given period of time if you follow our methodologies. The long lifetime of these columns not only saves the cost of acquisition but also the time saved by fewer in situ failures and repeated runs. Save on your lab budget and produce more runs with better data.

Using these columns, you can use the same column for polar, non polar and mixtures of compounds since you can change the mode from reversed phase to ANP simply by changing the mobile phase concentration. You can perform orthogonal runs on the same column saving time.

Most methods developed so far have been with 3 solvents: Acetonitrile, Water & Methanol even for the most polar compounds and the most complex mixtures.

To learn more about this column technology and stay updated, visit our website or call our technical support department.

From the same company that brings you RSA Glass™ autosampler vials for improved results.

TOP 10 REASONS you should learn more about TYPE-C™ columns.

- 1 HPLC is expensive.
- 2 Increased selectivity.
- 3 Precision the way you would want it.
- 4 Orthogonality within one column.
- 5 Robust methods with fast equilibration.
- 6 Very long column lifetime.
- 7 Use singular mobile phases.
- 8 Fast method development.
- 9 Work with water labile compounds or NP with ease.
- 10 Get technology competitive.

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