



## What is the compatibility of Cogent TYPE-C Silica HPLC columns with UHPLC instruments – FAQ

Cogent™ HPLC columns are compatible with ultra high performance liquid chromatography (UHPLC) instrumentation.

However, it is important to note the low pressure produced in Aqueous Normal Phase ANP and the pressure limits of these columns. The Cogent 2.0™ is considered “Near UHPLC” with pressure limits near 9,000 psi. If you are using ANP HPLC methods it is unlikely you will develop high pressure even at fast run rates due to the very low viscosity of the mobile phase used in these types of methods.



Printed from the Chrom Resource Center

Copyright 2024, 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)

Date: 10-11-2024