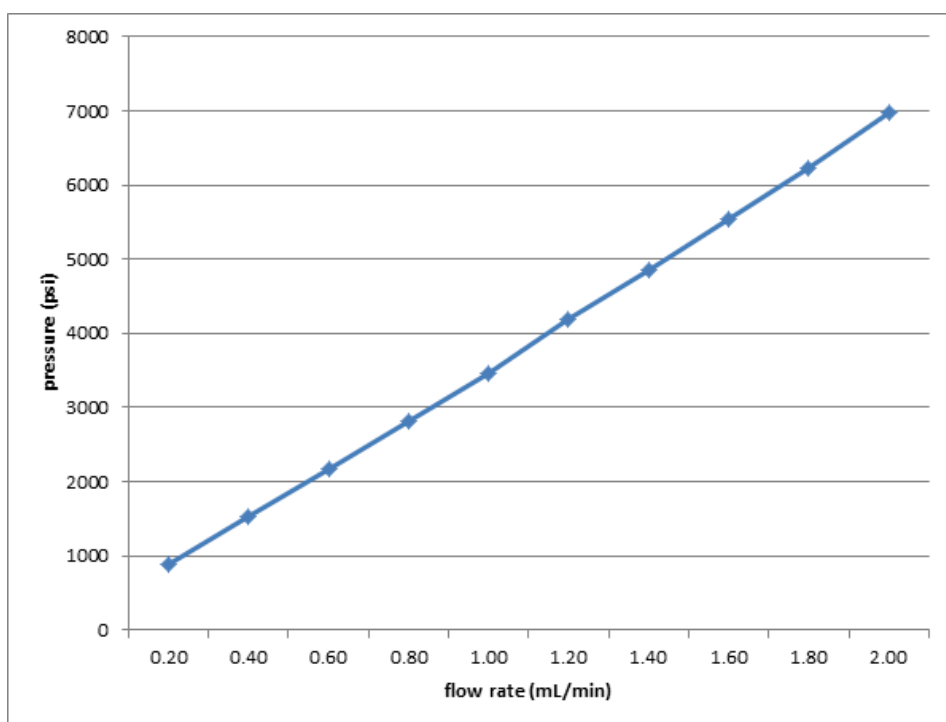


What pressure should I expect with a Diamond Hydride 2.0 HPLC column at flow rates from 0.2 to 2.0mL / min - FAQ

The below data was recorded on a Waters UPLC™ system.

Please note that the pressure can vary widely depending on such factors as mobile phase viscosity, temperature, column ID, and column length. The conditions shown below should clarify any questions you may have regarding this data.



Column: Cogent Diamond Hydride™, 2.2um 120A, 2.1 x 50mm, cat# 70200-05P-2

Flow Rate: 0.2-2.0 mL / minute

Temperature: 25°C, thermostatted

Mobile Phase: 80% Acetonitrile / 20% DI water / 0.1% formic acid, premixed (v/v)



[Cogent Diamond Hydride Product Page](#)

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

Website: www.mtc-usa.com