

Need a conversion factor in a hurry? Want to see where the sample goes in a capillary GC split injection? Visit the Expert Center on the Restek website. Located in the "Info. & Support" menu, the Expert Center includes a tremendous variety of useful information. Our **calculators**, for example, are extremely handy tools. Use the Backflash Calculator to determine how much sample in a particular solvent you can introduce into a capillary inlet liner without the expanding sample backflashing into, and contaminating, the system. Use the Pressure Calculator to quickly interconvert among the various measurements of pressure: psi, atm, kg/cm², Torr, inches Hg, kPa, bar.

The **animations** of capillary GC injection techniques and operation of a 6-port HPLC valve enable you to view these processes, and help you appreciate the benefits, and potential problems, associated with each. The subjects in the Expert Center include:

Troubleshooting

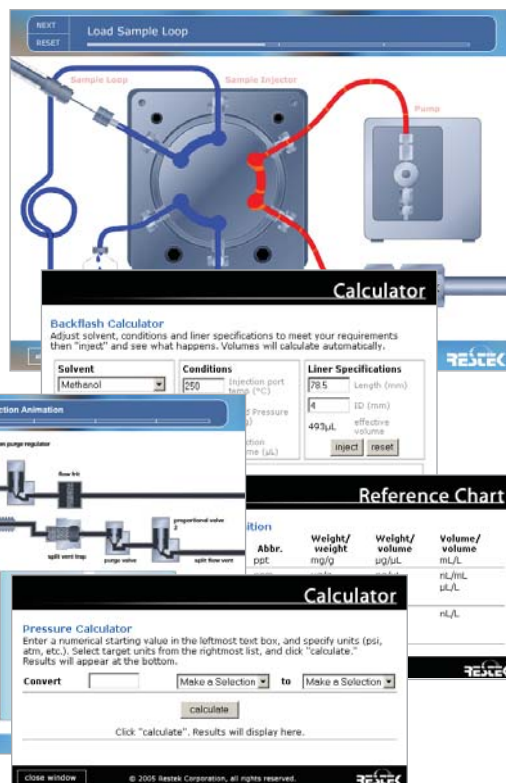
- Chromatogram Archive
- Optimization Calculators
- GC Column Selection
- Capillary Column Installation Guide
- Free Technical Literature and more

Optimization Calculators and Reference Charts

- Backflash Calculator
- GC Column Characteristics
- Pressure Calculator
- Reference Charts for Setting Deadtime
- Methane Retention
- Pressure Conversion
- Weight/Volume Composition Measures
- Mesh Size Conversions
- Septum Size Chart
- GC Retention Time Indexes

Animations

- Direct Injection
- Split Injection
- Splitless Injection
- HPLC 6-Port Valve



Restek Trademarks/Service Marks: Crossbond, Hydroguard, MegaMix, Plus 1, Press-Tight, Rtx, SeCure, Silcosteel, Siltek, Turning Visions into Reality, Restek logo.

Other Trademarks: Agilent (Agilent Technologies, Inc.), ASE (Dionex Corporation), Chromosorb (Manville Corp.), Florisil (US Silica Co.), Freon, Teflon, Tefzel, Vespel (E.I. du Pont de Nemours & Co. Inc.), Kel-F (3M Company), Opti-Cap (Jour Research), OV (Ohio Valley Specialty Chemical Co.) PEEK (Vitrex plc), Rheodyne (Rheodyne LP), Waters (Waters Corporation). List is accurate to the best of our knowledge at the time of printing. For specific information, consult trademark owner(s).

