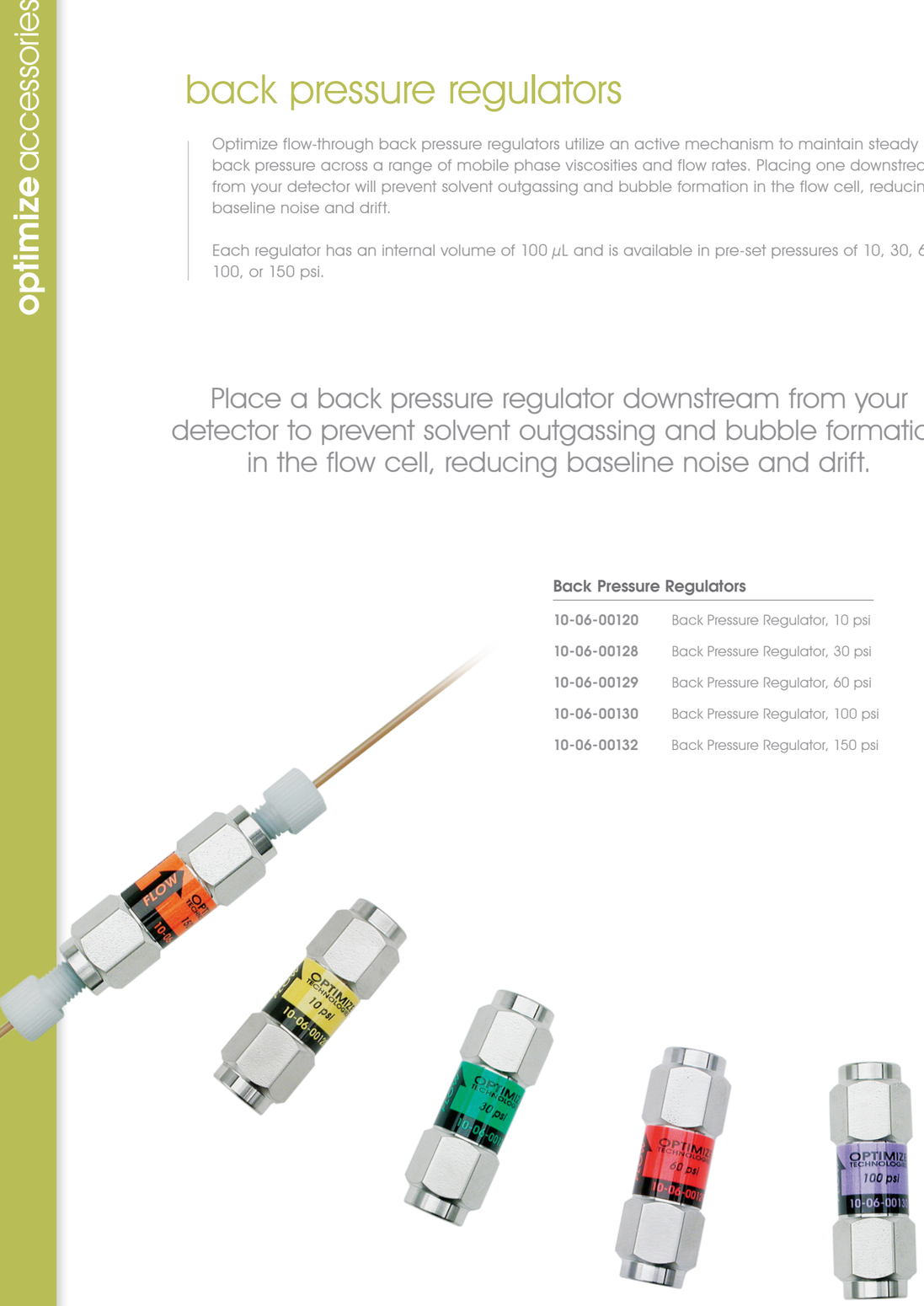
back pressure regulators

Optimize flow-through back pressure regulators utilize an active mechanism to maintain steady back pressure across a range of mobile phase viscosities and flow rates. Placing one downstream from your detector will prevent solvent outgassing and bubble formation in the flow cell, reducing baseline noise and drift.

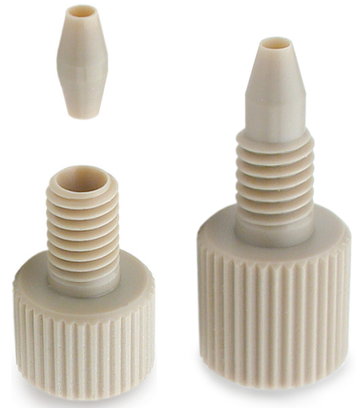
Each regulator has an internal volume of 100 µL and is available in pre-set pressures of 10, 30, 60, 100, or 150 psi.

Place a back pressure regulator downstream from your detector to prevent solvent outgassing and bubble formation in the flow cell, reducing baseline noise and drift.

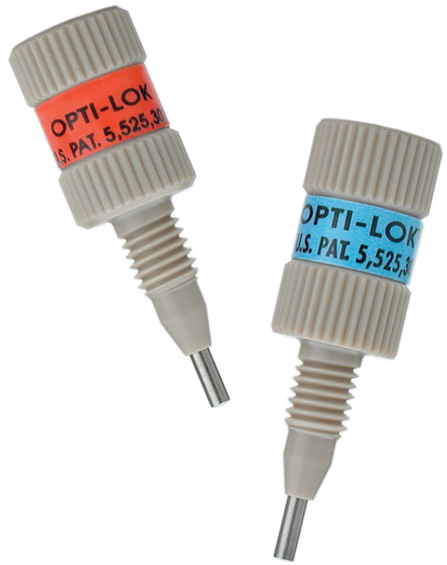
Back Pressure Regulators	
10-06-00120	Back Pressure Regulator, 10 psi
10-06-00128	Back Pressure Regulator, 30 psi
10-06-00129	Back Pressure Regulator, 60 psi
10-06-00130	Back Pressure Regulator, 100 psi
10-06-00132	Back Pressure Regulator, 150 psi



optilok™ fittings, tubing & adapters



As complex and advanced as HPLC systems have become, they still need conduits for fluid transfer: tubing, fittings, and adapters. Though these components are simple in design and, with the advent of finger tight fittings, fairly easy to use, their role in the plumbing of an HPLC system is often overlooked until something goes wrong. Anyone who has ever used an HPLC knows the troubles a faulty or failing fitting can cause.



At Optimize Technologies, we realize that your time is valuable and should not be wasted worrying about fittings. For this reason, **all Optimize fittings are precision machined** for optimal quality and thread consistency. The machining process is the best way to ensure tight manufacturing tolerances and the minimal amount of product variance.

What does all this mean? It means that every fitting you purchase from Optimize will perform just as well as the last, so you'll have no worries about faulty fittings. It also means we are committed to providing our customers with the highest quality, best-designed product available.

If you have questions about the machining process and how it differs from injection molding, give us a call. We are always eager to share our fabrication process and unyielding dedication to excellence.