

Thermo Scientific Viper TQ UHPLC Fittings

Connect confidently with torque-controlled fittings

Consistent, durable, leak-free connections

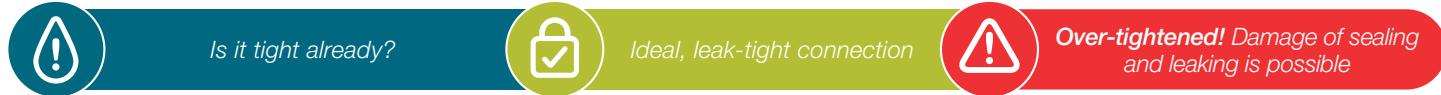
Enhance your chromatographic results with Thermo Scientific™ Viper™ TQ UHPLC Fittings. These fittings minimize the system dispersion impact on separation efficiency and reproducibility by utilizing Face Sealing Technology—delivering virtually zero dead-volume connections. A click you can hear along with a noticeable resistance in your fingertips signal that your fittings are properly connected. These torque-controlled fittings give you confidence in your installation, making them ideal for both HPLC and UHPLC systems.

Key features:

- Torque-controlled tool-free connections:** Built-in torque control mechanism ensures consistent and easy installation that you can hear and feel, preventing over- and under-tightened connections
- Durable and reusable:** Proven to provide over 300 leak-free connections for long-lasting performance
- Universal compatibility:** Near-zero dead volume connections compatible with other manufacturers' instruments and columns
- More options with robust materials:** Available in stainless steel and biocompatible materials that can withstand up to 120°C and 1,517 bar (22,000 psi) to meet your application needs

Required force to establish fluidic connection

Non-torque-controlled fitting



Viper TQ UHPLC Fitting



Figure 1: Viper TQ UHPLC Fittings use less force to prevent leaks and seal damage.

The built-in torque control mechanism provides audible and tactile feedback during installation, ensuring ideal connections every time and mitigating the risks of over- or under-tightened traditional fluidic connections.

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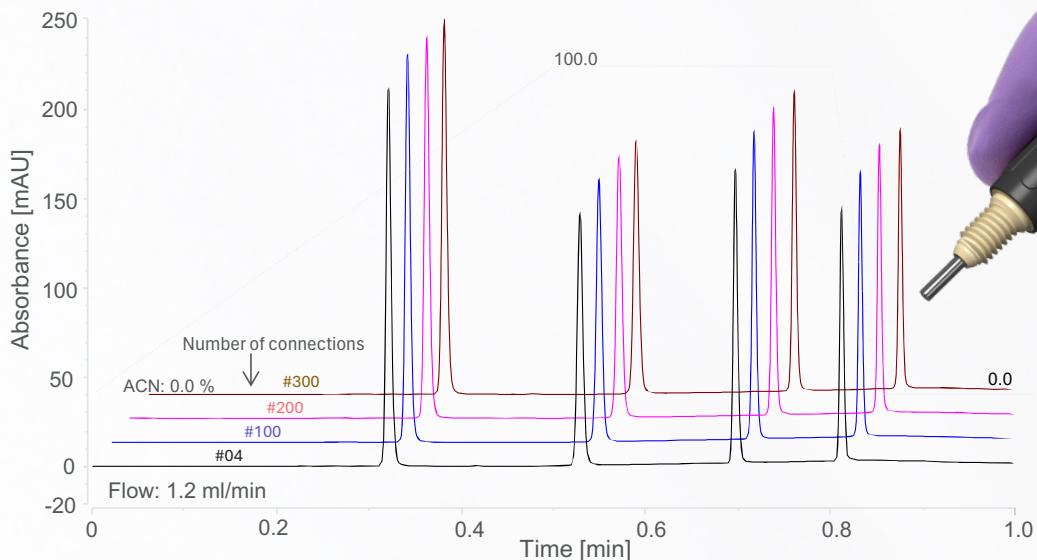
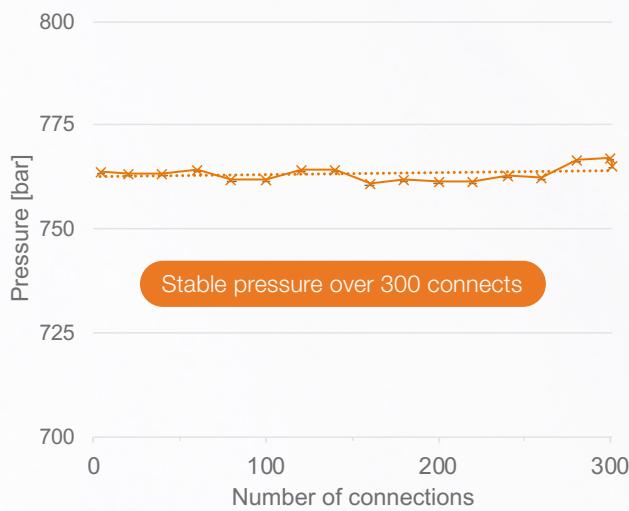


Figure 2: Overlay of standard chromatograms after repeated connections and disconnections of Viper TQ UHPLC fittings, showing consistent performance and backpressure at the 4th, 100th, 200th, and 300th injections. The exceptional durability of the fittings is exemplary demonstrated here on a Thermo Scientific™ Hypersil™ GOLD™ column, 2.1x100 mm, 1.9 µm.



For more information about Viper TQ UHPLC Fittings and how they can improve your chromatographic results, visit thermofisher.com/vipertq

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