

# Thermo Scientific Viper TQ UHPLC Fittings

## Connect confidently with torque-controlled fittings

### Consistent, durable, leak-free connections

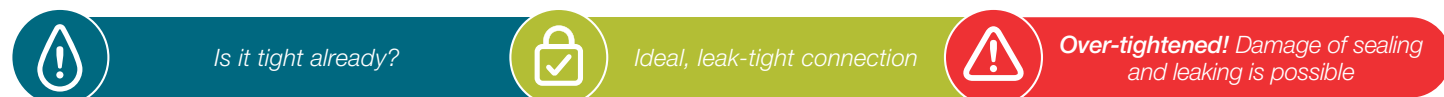
Enhance your chromatographic results with Thermo Scientific™ Viper™ TQ UHPLC Fittings. These fittings minimize the system dispersion impact on separation efficiency and reproducibility by utilizing Face Sealing Technology—delivering virtually zero dead-volume connections. A click you can hear along with 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

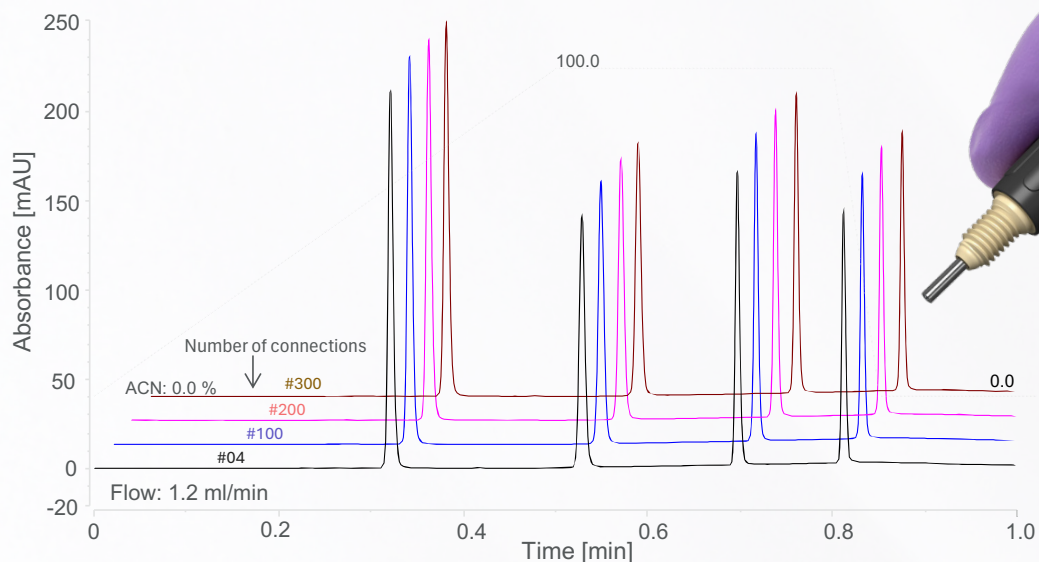
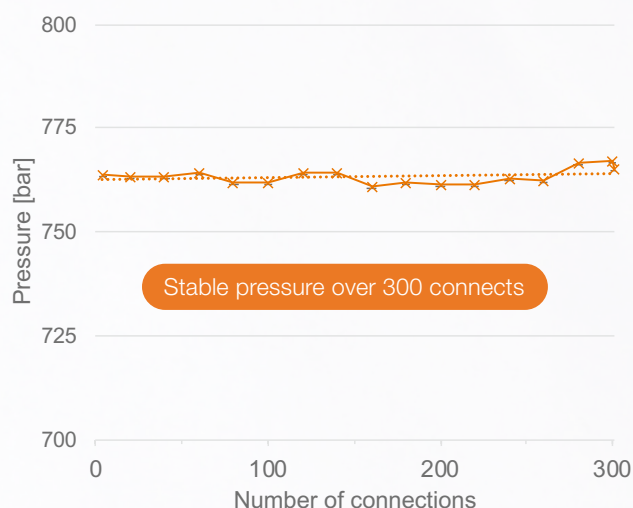


Viper TQ UHPLC Fitting



**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.



**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](https://thermofisher.com/vipertq)

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