

## What is the difference between a Waters type fitting and a standard 10-32 fitting - FAQ

The **Waters® type fitting or "connector"** as it can be called, differs from a **standard 10-32 connector** in the context of High-Performance Liquid Chromatography (HPLC). Let's explore the distinction:

Waters connectors utilize a 10-32 threading in their fittings, but the pilot lengths and shape are specifically designed for use with Waters brand of HPLC systems and HPLC columns that require Waters type fittings. It is the pilot length mismatch with standard 10-32 fittings and ports that could cause leaking and poor chromatographic results.

It is very important to use Waters connectors with Waters equipment and columns unless you use a Waters to 10-32 adapter. Click [HERE](#) for information about these adapters that allow you to use standard fittings with Waters Columns or instruments.

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](mailto:customers@mtc-usa.com)

Website: [www.mtc-usa.com](http://www.mtc-usa.com)