

Less Stress. More Reliable Connections.

Agilent InfinityLab Quick Connect Fittings



Perfect column connections for UHPLC and HPLC systems

Poorly connected fittings are one of the top reasons for broad or tailing peaks, loss of resolution, and overall poor chromatography. With Agilent InfinityLab Quick Connect fittings, you can be sure you're getting a perfect column connection, every time.

- **Truly finger-tight connection:** No special training is needed, so differences in user style will not affect your chromatography.
- **Spring-loaded design:** Now you can make zero dead volume connections with LC columns as easy as pressing a lever.
- **Reliable and reusable:** InfinityLab Quick Connect fittings are long lasting, reseal tightly, and are stable up to 1300 bar (18,850 psi) even after 200+ reconnections.
- **Fast, easy connections:** Save time and trouble, now also for standard HPLC with 0.17 mm id and 0.25 mm id capillaries.
- **Perfect fit for your application:** Select from Quick Connect capillaries made of stainless steel, bio-compatible MP35N, and bio-inert PEEK-lined stainless steel.

3 simple steps. 1 perfect connection.

Step 1

Attach InfinityLab Quick Connect fitting to column



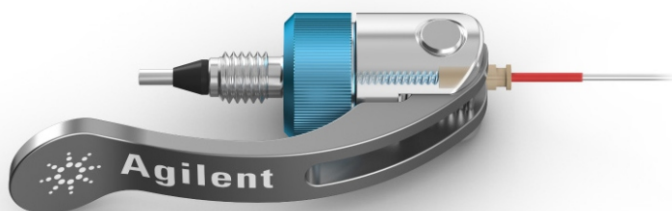
Step 2

Hand-tighten the blue nut until first resistance



Step 3

Close the lever to achieve 1300 bar tight connection



The proprietary Agilent design features a spring-loaded mechanism for zero dead volume and a secure, reliable connection.

InfinityLab Quick Connect fittings reduce costs and increase efficiency, offering significant economic value



Unmatched robustness. Effective for up to 200 uses compared to just three with traditional fittings.



No training required. Simple, user-friendly design ensures effortless operation.



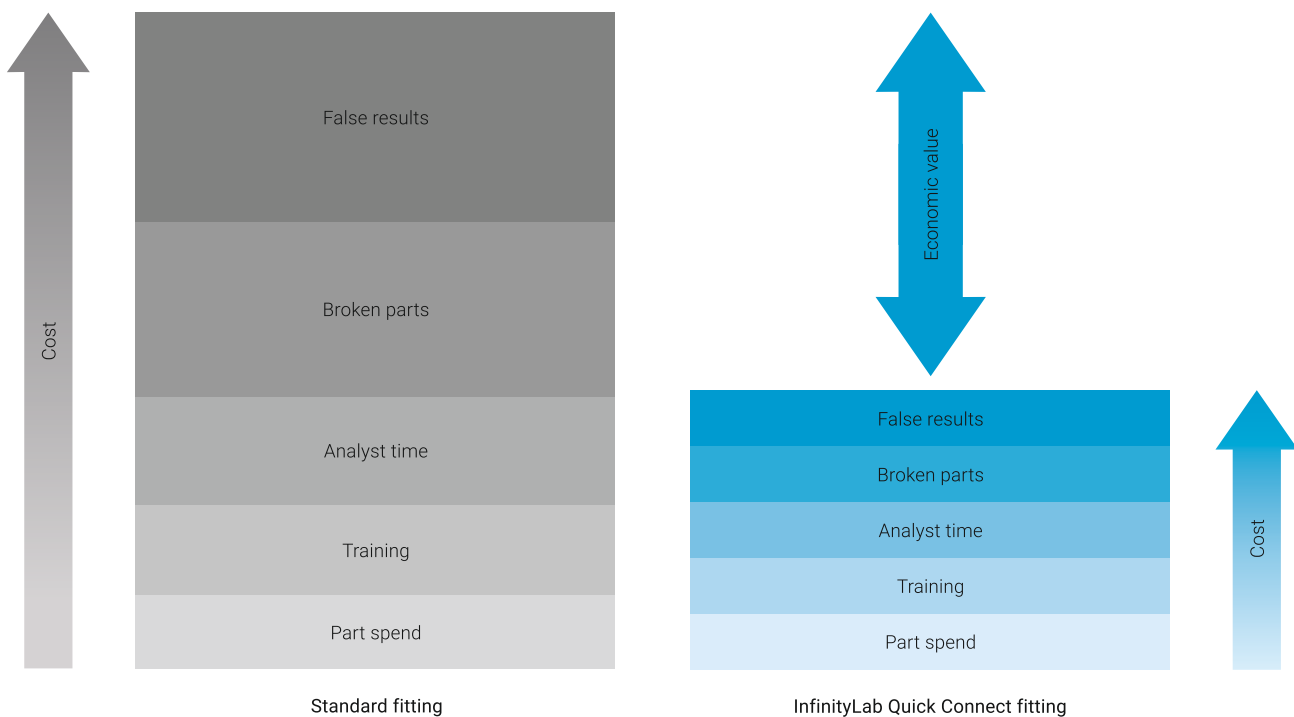
Reduced time spent on connecting fittings. Fast and easy connections result in time savings and enhanced productivity.



Fewer damaged columns. Extends column life, reducing costly downtime and need for replacement.



Reliable chromatographic performance. Ensures accurate and consistent results with every analysis.



InfinityLab Quick Connect capillaries are made from a variety of high-quality materials to meet your lab's every need

- **Stainless steel: Exceptionally resistant to pitting and coating**

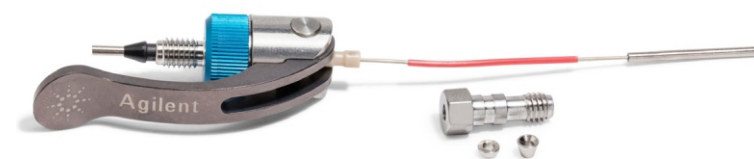
Stainless steel capillaries demonstrate excellent longevity, and their exceptional flexibility and durability make them well-suited for a wide range of standard applications.

- **MP35N: Biocompatible for use in biopharma**

MP35N is a nonmagnetic alloy of nickel, cobalt, chromium, and molybdenum, making it ideal for iron-sensitive analytes. These capillaries can withstand high salt concentrations, high pH solvents, and low pH solvents without wearing out, ensuring reliable performance even in UHPLC conditions. Their usability and robustness are comparable to stainless steel capillaries.

- **PEEK-lined stainless steel: Bio-inert and robust**

The surface of this capillary is free of stainless steel and other alloys such as iron, nickel, cobalt, chromium, molybdenum, and copper. They are designed to resist pressures of at least 600 bar and are ideal for analyzing large biomolecules such as monoclonal antibodies (mAb) and proteins in biological samples. Providing a robust, metal-free flow path, these capillaries excel in bio-inert applications.



In a tight spot? Try an InfinityLab Quick Turn fitting

For instrument connections with insufficient space for InfinityLab Quick Connect fittings, you can rely on Agilent InfinityLab Quick Turn fittings. Like our Quick Connect fittings, they leverage a proprietary spring-loaded design for zero dead volume and a sure connection.

Note: These fittings can only be used with capillaries using a long socket. See the ordering information for a list of available capillaries.

Learn more:

www.agilent.com/chem/quicktturn

Specifications and ordering information

InfinityLab Quick Connect fittings are specially optimized for the InfinityLab LC Series Instruments. They are available in different lengths and internal diameters, including 0.075 mm id, 0.12 mm id, 0.17 mm id and 0.25 mm id to fit most UHPLC as well as HPLC applications.

Product description	Part number	Product description	Part number
Fittings and ferrules		MP35N capillaries	
Quick Connect fitting*	5067-5965	Quick connect capillary, MP35N, 0.075 x 105 mm	5500-1474
Front ferrule for Quick Connect and Quick Turn fitting	5043-0924	Quick connect capillary, MP35N, 0.075 x 150 mm	5500-1475
Assembly, stainless steel (ST)**		Quick Connect capillary, MP35N, 0.075 x 220 mm	5500-1576
Quick Connect assembly, ST, 0.075 x 105 mm	5067-5961	Quick Connect capillary, MP35N, 0.075 x 280 mm	5500-1577
Quick Connect assembly, ST, 0.075 x 150 mm	5067-6163	Quick Connect capillary, MP35N, 0.12 x 105 mm	5500-1578
Quick Connect assembly, ST, 0.075 x 220 mm	5067-6164	Quick Connect capillary, MP35N, 0.12 x 150 mm	5500-1579
Quick Connect assembly, ST, 0.075 x 280 mm	5067-6165	Quick Connect capillary, MP35N, 0.12 x 220 mm	5500-1580
Quick Connect assembly, ST, 0.12 x 105 mm	5067-5957	Quick Connect capillary, MP35N, 0.12 x 280 mm	5500-1581
Quick Connect assembly, ST, 0.12 x 150 mm	5067-5958	Quick Connect capillary, MP35N, 0.12 x 400 mm	5500-1582
Quick Connect assembly, ST, 0.12 x 220 mm	5067-5959	Quick Connect capillary, MP35N, 0.12 x 500 mm	5500-1583
Quick Connect assembly, ST, 0.12 x 280 mm	5067-5960	Quick Connect capillary, MP35N, 0.17 x 105 mm	5500-1584
Quick Connect assembly, ST, 0.17 x 105 mm	5067-6166	Quick Connect capillary, MP35N, 0.17 x 150 mm	5500-1585
Quick Connect assembly, ST, 0.17 x 150 mm	5067-6167	Quick Connect capillary, MP35N, 0.17 x 220 mm	5500-1586
Quick Connect assembly, ST, 0.17 x 220 mm	5067-6168	Quick Connect capillary, MP35N, 0.17 x 280 mm	5500-1587
Quick Connect assembly, ST, 0.17 x 280 mm	5067-6169	Quick Connect capillary, MP35N, 0.17 x 500 mm	5500-1588
Quick Connect assembly, ST, 0.25 x 105 mm	5067-6210	PEEK-lined stainless steel capillaries (PK/ST)	
Quick Connect assembly w/ Quick Turn fitting, ST, 0.075 x 105 mm	5067-6602	Quick Connect capillary, PK/ST, 0.075 x 105 mm	5500-1276
Stainless steel capillaries (ST)		Quick Connect capillary, PK/ST, 0.075 x 150 mm	5500-1277
Quick Connect capillary, ST, 0.075 x 105 mm	5500-1174		
Quick Connect capillary, ST, 0.075 x 150 mm	5500-1175		
Quick Connect capillary, ST, 0.075 x 220 mm	5500-1176		
Quick Connect capillary, ST, 0.075 x 250 mm	5500-1177		
Quick Connect capillary, ST, 0.075 x 280 mm	5500-1178		
Quick Connect capillary, ST, 0.12 x 105 mm	5500-1173		
Quick Connect capillary, ST, 0.12 x 150 mm	5500-1172		
Quick Connect capillary, ST, 0.12 x 220 mm	5500-1171		
Quick Connect capillary, ST, 0.12 x 280 mm	5500-1170		
Quick Connect capillary, ST, 0.12 x 400 mm	5500-1179		
Quick Connect capillary, ST, 0.12 x 500 mm	5500-1180		
Quick Connect capillary, ST, 0.17 x 105 mm	5500-1181		
Quick Connect capillary, ST, 0.17 x 150 mm	5500-1182		
Quick Connect capillary, ST, 0.17 x 220 mm	5500-1183		
Quick Connect capillary, ST, 0.17 x 280 mm	5500-1230		
Quick Connect capillary, ST, 0.17 x 500 mm	5500-1231		
Quick Connect capillary, ST, 0.25 x 105 mm	5500-1258		
Quick Connect capillary, ST, 0.25 x 150 mm	5500-1259		
Quick Connect capillary, ST, 0.25 x 400 mm	5500-1260		
Quick Connect capillary, ST, 0.17 x 150 mm M4	5500-1291		
Quick Connect capillary, ST, 0.12 x 150 mm M4	5500-1289		
Quick Connect capillary, ST, 0.12 x 340 mm M4	5500-1416		

* InfinityLab Quick Connect fittings can only be equipped with an InfinityLab capillary specified in the table above. The InfinityLab capillary is designed with a spring and a holder.

** Assembly includes Quick Connect fitting with pre-fixed stainless steel capillary and Swagelok fitting.

Maximize your liquid chromatography workflow with InfinityLab LC supplies

Agilent InfinityLab supplies are innovative solutions designed to work seamlessly with Agilent LC instruments and columns, maximizing your efficiency and HPLC performance. Combined with Agilent OpenLAB software and Agilent CrossLab Services, InfinityLab supplies provide you with end-to-end support to make every day more productive.

Learn more:

www.agilent.com/chem/infinitylab



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www.agilent.com/chem/quickconnect

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