

Merlin MicroSeal™ Kits for Gas Chromatography

Complexity Made Simple.

The Merlin MicroSeal is a long-life replacement for traditional rubber disc septa. Two sealing mechanisms work to seal the injection port during sample injection and analysis.



Extend Lifetime and Reduce Bleed.

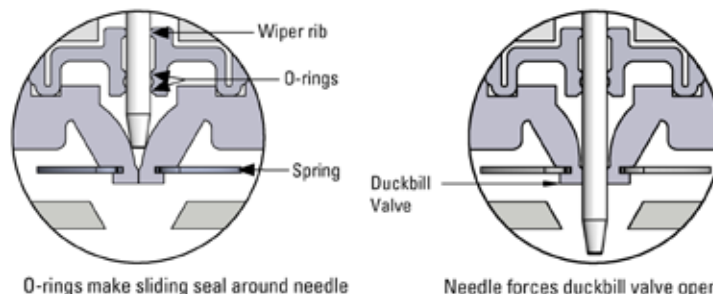
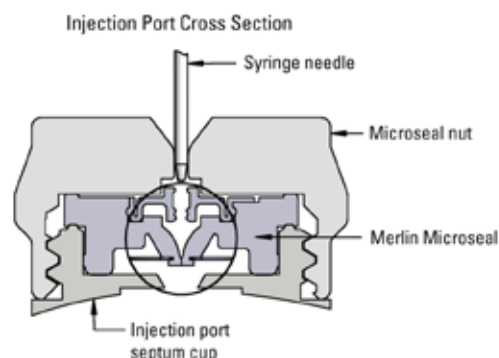
The Merlin MicroSeal is the preferred choice of chromatographers seeking improved performance for both manual and automated injections, including SPME.

Benefits:

- Reduces downtime for septum and liner changes.
- Improves reliability and performance during extended automated runs.
- Eliminates septum coring and crumbling.
- Reduces septum bleed peaks.
- Lowers needle insertion force.

Features:

- O-rings seal around needle during injection.
- Duckbill valve allows needle to penetrate easily.
- Spring ensures rapid duckbill closure.
- Duckbill valve seals more tightly at higher pressures.
- Wiper rib at entry point reduces particulate contamination.
- 3 versions: General purpose, Low pressure and SPME.



Part Description	Merlin P/N	MSRP*
For Agilent Instruments		
Low Pressure Microseal Kit (nut & 2 #310 Microseals)	304	\$291.50
Low Pressure Microseal Kit (nut & 1 #310 Microseal)	305	\$203.50
General Purpose Microseal Kit (nut & 2 #410 Microseals)	404	\$299.00
General Purpose Microseal Kit (nut & 1 #410 Microseal)	405	\$199.00
Microseal Nut	403	\$85.00
For Shimadzu Instruments		
Microseal Kit for Shimadzu (nut, adapter assembly, & 2 #410 Microseals)	61-12	\$360.00
For Bruker/Varian Instruments		
Microseal Kit for Varian 1079 (nut, adapter, o-ring, & 1 #410 Microseal)	21-11	\$400.00
Microseal Kit for Varian 1177 (nut, adapter, o-ring & 1 #410 Microseal)	22-11	\$425.00
For PerkinElmer Instruments		
Microseal Kit for PerkinElmer (nut, adapter, o-ring & 2 #410 Microseals)	51-12	\$363.80
Replacement Microseals		
Low Pressure Microseal (1 to 45 psi, 7 to 310 kPa)	310	\$129.00
General Purpose Microseal (most applications, 3 to 100 psi, 20 to 690 kPa)	410	\$129.00
Microseal for SPME Applications (3 to 100 psi, 20 to 690 kPa)	21-01	\$129.00

*Manufacturer Suggested Retail Price