

Septum Nut



Septum nut provides consistent septum tightness, fewer bent needles, and easy leak detection. The nut contains a needle guide, ensuring that the needle consistently penetrates the septum in the same place, prolonging septum life. The guide also prevents the needle from striking the edge of the column or bending during insertion.

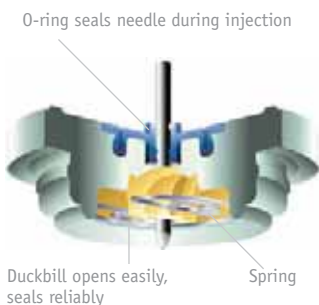
Septum Nuts for Agilent 5890/6850/6890/7890 GCs

- Ensure a leak-tight injection port, increase septum lifetime, and decrease maintenance requirements.
- Needle guide allows easy penetration and prevents septum coring.
- Manual injection septum nut allows use of 26-gauge needles for on-column injections.
- Made of high-quality stainless steel.

Ordering Information

Description	QTY	Agilent No.	Part No.
Septum Nut for Agilent 5890/6850/6890/7890			
Autosampler & PTV Septum Nut	1	18740-60835	062B-0011
Manual Injection Septum Nut	1	18740-60835	062B-0021

Merlin Microseal™ Kit



The Merlin Microseal™ Septum is a long-life replacement for the standard septum on the Capillary Inlet System or the Purged-Packed Inlet System of Agilent GC (not useable with the non-purged packed column inlet system). The Merlin Microseal is a patented dual-seal inlet assembly featuring an O-ring and “duckbill” seal. Because the syringe needle does not pierce any septum material, seal lifetime is typically greater than one year with normal GC use. Complete Kit includes the nut, two Microseal™ septa, and a PTFE liner.

The Merlin Microseal™ system can be used manually with Agilent / HP 5700, 5830, 5840, 5880, 5890, 5890 Series II and 6890 gas chromatographs. However, for autosampler use it is compatible only with the Agilent 7673 / 7683.

Microseal™ Septa has a lifetime of more than 2,000 injections depending on samples and operating condition. The Microseal™ Septum last longest when a syringe needle with a truncated cone shaped tip is used. It may also be used with the standard 0.63mm diameter (0.026”, 23-gauge) needle recommended for use with the HP 7673 Autosampler for many years. A sharp pointed or beveled syringe needle should not be used as it will cut or pierce the duckbill seal.



Nut

Septum

Ordering Information

Description	QTY	Agilent No.	Part No.
Microseal Septa Kit, 30psi			
Standard kit (nut and 2 septa)	1	5181-8833	062B-0031
Standard kit (nut and 1 septum)	1	5181-8816	062B-0041
Replacement septum	1	5181-8815	062B-0051
Replacement nut	1	5182-3445	062B-0061
Microseal Septa Kit, 100psi			
Standard kit (nut and 2 septa)	1		
Standard kit (nut and 1 septum)	1	5182-3442	062B-0071
Replacement septum	1	5182-3444	062B-0081
Replacement nut	1	5182-3445	062B-0061