

# PerkinElmer Supplies/Parts

## 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 PerkinElmer GC

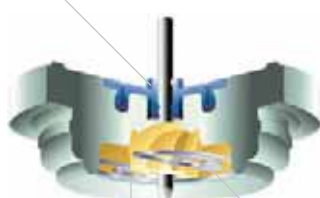
- Ensure a leak-tight injection port, increase septum lifetime, and decrease maintenance requirements.
- Needle guide allows easy penetration and prevents septum coring.
- Manual injection septum nut allows use of 23-gauge needles for on-column injections.
- Made of high-quality stainless steel.

#### Ordering Information

Description	QTY	PerkinElmer No.	Part No.
<b>Septum Nut for PerkinElmer</b>			
Septum Nut (for 23-Gauge Needles)	1	N6100153	064B-0011

## Merlin Microseal™ Kit

O-ring seals needle during injection



Duckbill opens easily, seals reliably

Spring

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 PerkinElmer 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.

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. A sharp pointed or beveled syringe needle should not be used as it will cut or pierce the duckbill seal. Pressure ranges from 0 to 100 psi and injection port temperature up to 325 °C. Easy installation on PerkinElmer GCs.



#### Ordering Information

Description	QTY	PerkinElmer No.	Part No.
<b>Microseal Septa Kit, PerinElmer Auto SYS™ XL</b>			
Standard kit (nut and 2 septa)	1	N9303344	064B-0021
Replacement septum	1	N9303345	064B-0031