

## GC Injector Syringes

### Features and Benefits

- All PerkinElmer injectors have been tested and optimized for use with a 7 cm needle
- A 7 cm needle is critical to be sure your sample is deposited in the optimal zone

Syringe Capacity	Gauge	Length	Pkg.	Point Style	Part No.
<b>Removable Needle Syringes (RN)</b>					
10 µL			1	#2	<b>N9302210</b>
25 µL			1	#2	<b>N9302211</b>
50 µL			1	#2	<b>N9302212</b>
100 µL			1	#2	<b>N9302213</b>
<b>Replacement Needles for RN Syringes</b>					
10 µL			1	#2	<b>N9302222</b>
25/50/100 µL	22S	2 in.	3	#2	<b>N9302224</b>
250 µL	22S	2 in.	3	#2	<b>N9302226</b>
<b>Fixed Needle Syringes</b>					
10 µL <sup>3</sup>			1	#2	<b>00230523</b>
10 µL <sup>2</sup>			6	#2	<b>N9302230</b>
25 µL			1	#2	<b>N9302202</b>
25 µL			1	#3	<b>09904823</b>
50 µL			1	#2	<b>N9302203</b>
50 µL			1	#3	<b>09904941</b>

<sup>2</sup> Savings based on one-piece price. Savings of 20% reflected in price shown  
<sup>3</sup> Standard fitted with 7 cm needle

## Merlin MicroSeal Septum

The Merlin MicroSeal™ septa is a unique replacement septa employing a two-step sealing system and an advanced elastomer material.

Because the syringe needle does not pierce the septa, there is no debris and ghost peaks are greatly reduced. The MicroSeal septa also reduces the incidence of bent syringe needles and liner contamination.

Usable in either manual or autosampler applications, this septa can improve your productivity and run reliability. Designed to be used with 23 gauge straight needle syringes. Pressure ranges from 4 to 100 psi and injection port temperatures up to 325 °C. This is not compatible with Clarus 690/590 GCs.



Description	Part No.
Merlin MicroSeal Septum Kit Includes: Injector Port Adapter, 2 Septa and 1 Nut	<b>N9303344</b>
Merlin MicroSeal Septum	<b>N9303345</b>

## Injector Septa



### Features and Benefits

- PerkinElmer Green Injection septum, extremely low bleed over a wide range of inlet temperatures – 100 °C to 350 °C. Easier needle penetration and high puncture tolerance make this septum ideal for autosamplers. This septum is already conditioned and ready to use
- BTO™ (Bleed Temperature Optimized) injector septa, 11 mm diameter. Maximum recommended operating temperature 300 °C
- PTFE/Silicone injector septa, 11 mm diameter

Description	Pkg.	Part No.
PerkinElmer Green Injection Septum	50	<b>N6621028</b>
Low Bleed Injector Septa	25	<b>N9303343</b>
PTFE/Silicone Injector Septa	50	<b>00090652</b>
Green Injection Port Septa	10	<b>N9306218</b>
Green Injection Port Septa	50	<b>N9306219</b>
Orange Injection Port Septa	50	<b>N9302972</b>

### Green

Septa rated to 400 °C. The advanced green septum was created to combine significantly longer injection life, low bleed and low injection port adhesion. The result is a general use green septum made of uniquely formulated silicone rubber you can use for all your daily analyses. Packaged in a pre-cleaned glass screw top jar for high purity.

### Orange

Septa rated to 400 °C. Uniquely formulated silicone rubber septa BTO® is bleed and temperature optimized for today's most demanding GC and GC/MS applications. Septa BTO is formulated to extend low-bleed and outstanding mechanical properties of premium GC septa. It retains remarkable softness at high temperatures and has been optimized to reduce injection port adhesion. Packaged in a precleaned glass screw top jar for high purity.