

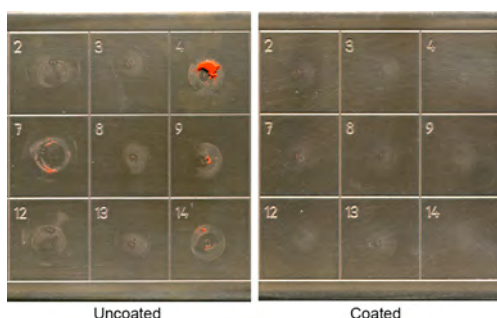
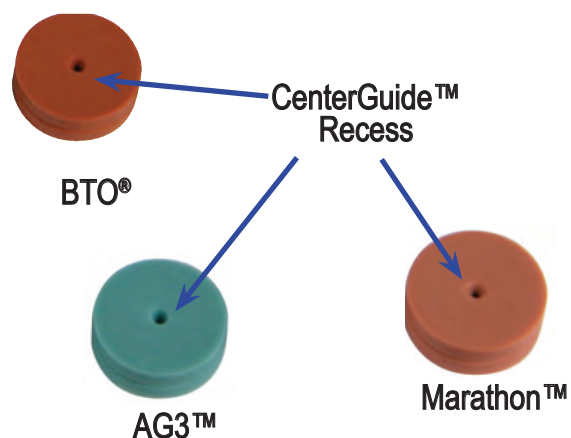


GC Septa

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Premium Septa

Premium Septa are preconditioned for low bleed, plasma-coated to reduce sticking and are packed in glass jars for high purity. Premium septa are precision molded to ensure an accurate fit.



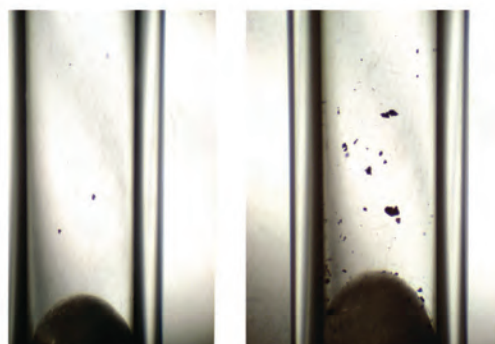
High Temperature Performance

Accelerated high-temperature tests show adhesion of silicone rubber formulations to a steel plate, with and without the CRS Non-stick coating. The difference in adhesion is readily apparent. In actual use this performance means easier septum removal and less injection port cleanup.

Exposed to Dust		Cleaned with Air	
Uncoated	Coated	Uncoated	Coated

Plasma Coating

- Non-stick surface treatment
- Easy to change, even after high-temperature use
- Stays clean, does not attract dust



Centerguide™
and pre-pierced

Non-Centerguide™
and non-pierced

CenterGuide™ & Pre-pierced Advantage

- Center point guides the needle for easy penetration
- Reduces needle bending
- Reduces coring and tearing

Premium septa are precision-molded with a recess on the injection side, to guide the syringe needle to the same point with every injection. The CenterGuide™ design requires less force on initial penetration for a smoother feel. Pre-pierced septa give long injection life for autosampling, reduce coring, and enhance reliable performance.

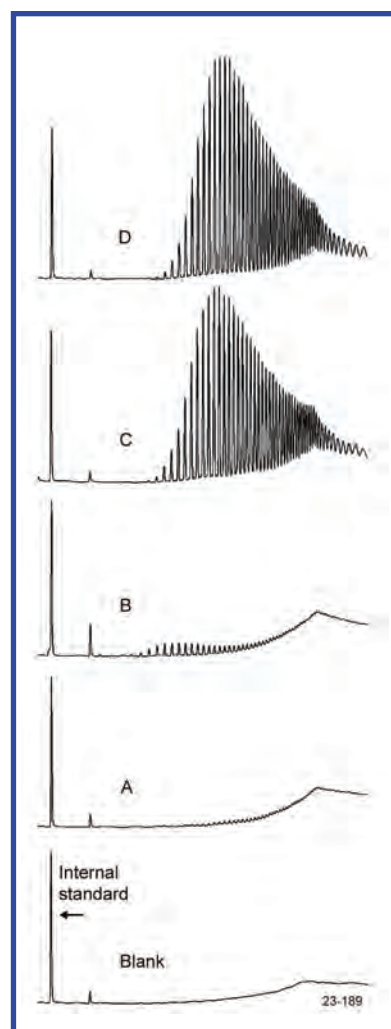
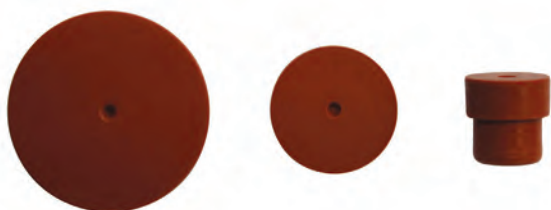


Septa BTO®

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 to the highest-temperature applications. It retains remarkable softness and pierceability at high temperatures, with extremely low bleed. Septa BTO are packaged in glass jars for high purity. CenterGuide™ on select sizes are listed.



Description	Qty	Item No.
5 mm CenterGuide™	50/pk	298787
6 mm (1/4")	50/pk	298755
9 mm CenterGuide	50/pk	298713
9.5 mm (3/8")	50/pk	298705
10 mm	50/pk	298745
11 mm (7/16") CenterGuide	50/pk	298717
11 mm (7/16") CenterGuide	100/pk	298718
11.5 mm CenterGuide	50/pk	298777
12.7 mm (1/2") CenterGuide	50/pk	298727
17 mm CenterGuide	50/pk	298817
Shimadzu	50/pk	298735



Septa BTO has the lowest bleed of any septa we have tested. Solvent extracts of residual silicones:

- A) BTO® B) AG3™
- C) Competitor's high-temp red septa
- D) Competitor's low-bleed green septa

Premium Septa

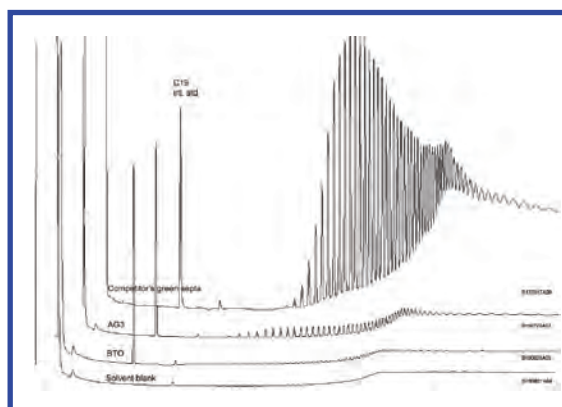


Advanced Green 3™

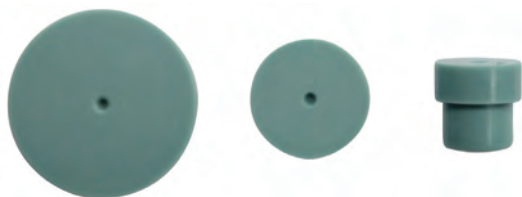
The CRS Advanced Green 3 Septum was specifically created to combine significantly longer injection life, low bleed and low injection port adhesion. The result is a green septum that can be used for all critical analyses. Advanced Green 3 Septa are packaged in glass jars for high purity. CenterGuide™ on select sizes are listed.



Description	Qty	Item No.
5 mm CenterGuide	50/pk	246525
9 mm CenterGuide	50/pk	246713
9.5 mm (3/8")	50/pk	246124
11 mm (7/16") CenterGuide	50/pk	246225
11 mm (7/16") CenterGuide	100/pk	246228
11.5 mm CenterGuide	50/pk	246725
12.7 mm (1/2") CenterGuide	50/pk	246325
17 mm CenterGuide	50/pk	246624
Shimadzu	50/pk	246424



Top to Bottom:
 Competitor's low-bleed green septa
 AG3™
 BTO®
 Blank

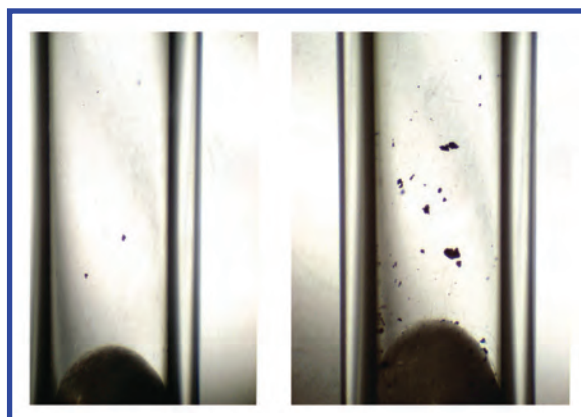




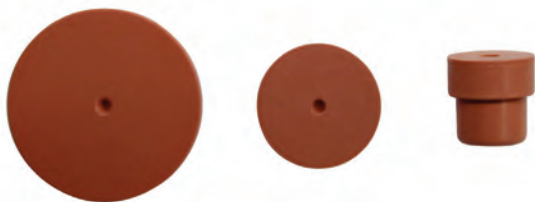
Marathon™

Marathon are pre-pierced to channel the needle through the same spot with each injection, which helps eliminate the common type of coring that may occur on the first injection. The Marathon septum is also ideal for standard manual-injection GC and GC/MS. Marathon Septa are packaged in glass jars for high purity. CenterGuide™ on select sizes are listed.

Description	25/pk	50/pk	100/pk
5 mm CenterGuide	239587	239597	
9 mm CenterGuide	239778	239779	
11 mm (7/16") CenterGuide	239287	239297	239888
11.5 mm CenterGuide	239787	239798	
12.7 mm (1/2") CenterGuide	239387	239397	
17 mm CenterGuide	239688	239698	
Shimadzu	239488	239498	



Our Marathon Septa are pre-pierced to enhance septa life and performance in some applications by minimizing tearing and coring often found when general purpose septa are used. Left: CenterGuide™ and pre-pierced. Right: Non-CenterGuide™ and non-pierced.



General Purpose Septa



Economy Blue Septa

CRS Blue Septa are designed for routine applications. They are made from silicone and easy to penetrate.

Description	50/pk	100/pk
5 mm	234106	234105
6 mm (1/4")	234626	234625
9 mm	234108	234109
9.5 mm (3/8")	234906	234905
10 mm	234111	234110
11 mm (7/16")	234116	234115
11.5 mm	234216	234215
12.7 mm (1/2")	234126	234125
17 mm	234118	234117
Shimadzu	234121	234120



Puresep T™

A silicone-based septum, faced on one side with a double layer of polyimide and PTFE. The polyimide adheres to both the silicone and PTFE, providing a better bond and enhanced durability. The outer PTFE coating assures maximum inertness and helps minimize bleed.

Description	Qty	Item No.
6 mm (1/4")	50/pk	230665
9.5 mm (3/8")	50/pk	230675
11 mm (7/16")	50/pk	230685
11.5 mm	50/pk	230697
12.7 mm (1/2")	50/pk	230695



BLOGables

Are you choosing the right Septa? Find out online at <https://www.ChromRes.com/blog/>

Useful and relevant discussions related to the GC industry including product information, troubleshooting, FAQ, and recommendations from our skilled experts.



Puresep P™

Puresep P™ is made from silicone coated with a layer of high temperature polyimide.

Description	Qty	Item No.
6 mm (1/4")	50/pk	230630
9.5 mm (3/8")	50/pk	230640
11 mm (7/16")	50/pk	230650
11.5 mm	50/pk	230670
12.7 mm (1/2")	50/pk	230660



Do you know about our Premium Septa?

Learn how our premium septa can make a difference in your analysis on page 42.



BTO®



AG3™



Marathon™

Measuring Chart

5 mm / 3/16"



6 mm / 1/4"



9 mm / 11/32"



9.5 mm / 3/8"



10 mm / 13/32"



11 mm / 7/16"



11.5 mm



12.7 mm / 1/2"



17 mm / 21/32"

