

Septa



064C-0018



064C-0028



064C-0038

Premium CenterGuide™ Septa

Premium CenterGuide™ septa are premium silicone rubber precision molded for a more accurate fit in the injection port than inferior stamped septa. A small recess, the “CenterGuide”, is added in the center of the disk, as well as a small indentation around the outside diameter. The CenterGuide focuses the needle to the same point for each injection providing easy penetration, reduced needle bending and minimizing coring. The proprietary cleaning process after molding is used to provide lowest bleed. Premium septa offer the longest average injection lifetime at the highest injection port temperatures. Septa are carefully processed, then packaged in glass vials.

- **BTO® - Bleed and Temperature Optimized** - For highest temperature use, with lowest bleed and outstanding injection life. Ideal for use with “Mass Spec” capillary columns.
- **Marathon™** - For long injection life, minimal coring. Soft, 45 durometer, easy on autosampler
- **Advanced Green 3™** - Long life, plasma coating eliminates sticking in the injection port

General Purpose Septa

General Purpose Septa are made from an enhanced injection-molded silicone rubber material. The septa material is specified to withstand over 200 automatic injections.

- **Ultrasep® R** septa are good low-bleed with a temperature setpoint of 350°C.
- **Economy Blue** Septa are designed for non-demanding, routine applications. Maximum temperature setpoint is 250°C.

Selection Guide	
Perkin Elmer	Diameter
Sigma series	11mm
8000 series	11mm
AutoSytem	11mm
AutoSystem XL	11mm
Clarus	11mm

Specification						
Septa	Temp Max	Color	Injections	Durometer*	Low Bleed	
BTO	400°C	Red	>300	50-55	Excellent	
Marathon	350°C	Brick red	>400	45-50	Good	
Advanced Green 3	350°C	Green	>350	55-60	Very good	
Ultrasep R	350°C	Red	>200	45-55	Good	
Economy Blue	250°C	Blue	>200	40-45	Good	

* Durometer : Hardness of the silicone material. The lower the number, the softer the material.

Ordering Information			
Description	QTY	PerkinElmer No.	Part No.
Perkin Elmer Sigma/8000/AutoSytem/Clarus			
BTO 11mm(7/16")	50	N9302972	064C-0018
Marathon 11mm(7/16")	50		064C-0028
Advanced Green 11mm(7/16")	50	N6621028	064C-0038
Ultrasep R 11mm(7/16")	50		064C-0048
Economy Blue 11mm(7/16")	50	54019985	064C-0058

