

## Septa



### 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	
Agilent	Diameter
4890	11mm
5700	9.5mm
5790 OCI	5mm
5800	9.5mm
5880	11mm
5880 OCI	5mm
5890	11mm
5900	9.5mm
5890 OCI	5mm
6850	11mm
6890	11mm
7620 OCI	5mm
7890	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	Agilent No.	Part No.
<b>Agilent 4890/5880/5890/6850/6890/7890</b>			
BTO 11mm(7/16")	50	5183-4757	062C-0018
Marathon 11mm(7/16")	50	5183-4761	062C-0028
Advanced Green 11mm(7/16")	50	5183-4759	062C-0038
Ultrasep R 11mm(7/16")	50	5080-8896-50	062C-0048
Economy Blue 11mm(7/16")	50	5181-1263-50	062C-0058
<b>Agilent 7620/5790/5880/5890 with OCI</b>			
BTO 5mm(3/16")	50	5183-4758	062C-0068
Marathon 5mm(3/16")	50	5183-4762	062C-0078
Advanced Green 5mm(3/16")	50	5183-4760	062C-0088
<b>Agilent 5700/5800/5900</b>			
BTO 9.5mm(3/8")	50		062C-0098
Marathon 9.5mm(3/8")	50		062C-0108
Advanced Green 9.5mm(3/8")	50		062C-0118
Ultrasep R 9.5mm(3/8")	50	5080-8728-50	062C-0128
Economy Blue 9.5mm(3/8")	50	5181-1283-50	062C-0138

