

# Thermo Supplies/Parts

## 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	
Thermo	Diameter
TRACE GC	17mm
GCQ/TRACE,PTV	17mm
8000 Series	9.5mm
GC 9001	9.5mm
GCQ	9.5mm
QCQ	9.5mm
TRACE 2000	9.5mm

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	Thermo No.	Part No.
<b>Thermo TRACE GC/GCQ/TRACE, PTV/8000 Series</b>			
BTO 17mm(21/32")	50	31303211	065C-0018
Marathon 17mm(21/32")	50		065C-0028
Advanced Green 17mm(21/32")	50	313A170T	065C-0038
<b>Thermo GC 9001/GCQ/QCQ/TRACE 2000</b>			
BTO 9.5mm(3/8")	50	31303240	065C-0048
Marathon 9.5mm(3/8")	50		065C-0058
Advanced Green 9.5mm(3/8")	50		065C-0068
Ultrasep R 9.5mm(3/8")	50	313S125A	065C-0078
Economy Blue 9.5mm(3/8")	50		065C-0088

