

**Restek® Thermolite® Septa**

- Usable to 340 °C inlet temperature\*.
- Precision molding assures consistent, accurate fit.
- Excellent puncturability.
- Preconditioned and ready to use.
- Packaged in ultra-clean blister packs\*\*.
- A Restek exclusive!

**HANDY  
septum size chart**

Instrument	Septum Diameter (mm)
<b>Agilent (HP)</b>	
5880A, 5890, 6850, 6890, 7890, PTV	11
5700, 5880	9.5/10
On-Column Injection	5
<b>Bruker/Varian</b>	
Injector type:	
Packed column	9.5/10
1078/1079	10/11
1177	9
1075/1077	11
<b>Finnigan (TMQ)</b>	
GC 9001	9.5
GCQ	9.5
QCQ	9.5
TRACE 2000	9.5
<b>PerkinElmer</b>	
Sigma series	11
900,990	11
8000 series	11
Auto SYS	11
Auto SYS XL	11
<b>Shimadzu</b>	Plug
All models	Plug
<b>SRI</b>	
GCs with heated inlet	9.5
All other models	Plug
<b>Thermo Scientific</b>	
TRACE GC	17
GCQ w/TRACE, PTV	17
8000 series	17
1300 and 1310 GC	11
<b>Tracor</b>	
540	11.5
550,560	9.5

Septum Diameter	50-pk. cat.#	100-pk. cat.#
5 mm (3/16")	27121	27122
6 mm (1/4")	27124	27125
7 mm	27127	27128
8 mm	27130	27131
9 mm	27133	27134
9.5 mm (3/8")	27136	27137
10 mm	27139	27140
11 mm (7/16")	27142	27143
11.5 mm	27145	27146
12.7 mm (1/2")	27148	27149
17 mm	27151	27152
Shimadzu Plug	27154	27155

Note: Due to differences in inlet design, the actual septum temperature for a given inlet setpoint can vary by manufacturer. Restek recommends using only BTO® septa in Thermo TRACE and Focus GCs.

\*For 17 mm inlets, the maximum temperature is 330 °C.

\*\*12.7 mm and 17 mm septa packaged in precleaned glass jars.

**Premium Non-Stick BTO® Septa**

- Usable to 400 °C inlet temperature\*.
- New plasma coating eliminates sticking in the injection port.
- Precision molding ensures consistent, accurate fit.
- Partial predrilled CenterGuide design.
- Preconditioned and ready to use.
- Packaged in ultra-clean blister packs\*\*.
- Each batch GC-FID tested.
- Bleed and temperature optimized; ideal for demanding GC and GC-MS applications.



Septum Diameter	50-pk. cat.#	100-pk. cat.#
5 mm CenterGuide	27082	27083
9 mm CenterGuide	27084	27085
9.5 mm (3/8")	27086	27087
10 mm	27088	27089
11 mm (7/16") CenterGuide	27090	27091
11.5 mm CenterGuide	27092	27093
12.7 mm (1/2") CenterGuide	27094	27095
17 mm CenterGuide	27096	27097
Shimadzu Plug	27098	27099

Note: Due to differences in inlet design, the actual septum temperature for a given inlet setpoint can vary by manufacturer. Restek recommends using only BTO® septa in Thermo TRACE and Focus GCs.

\*For 17 mm inlets, the maximum temperature is 330 °C. For all injectors, minimum recommended operating temperature for BTO® septa is 250 °C.

\*\*12.7 mm and 17 mm septa packaged in precleaned glass jars.

Measure  
your old  
septum here  
(size in mm)

5

7

9

9.5

10

11

11.5

12.7

17