

## Premium Septa



Premium septa offer the longest average injection lifetime with lowest bleed, at the highest inlet setpoint temperatures. They are made from silicone. Premium septa have a CenterGuide(TM) chamfer molded into one face of the septum. The CenterGuide guides the needle for easy penetration and reduced needle bending. Septa are carefully processed, then packaged in glass vials. BTO® - For highest temperature use, with lowest bleed and outstanding injection life. Maximum setpoint 400 deg. C. Marathon (TM) - For long injection life, minimal coring. Maximum setpoint 400 deg. C. Advanced Green 3 (TM) - Long life, high-temperature green septum. Maximum setpoint 400 deg. C.

- 5mm diameter premium septa.
- 9mm diameter premium septa.
- 3/8" (9.5mm) diameter premium septa.
- 10mm diameter premium septa.
- 11mm (7/16") diameter premium septa.
- 11.5mm diameter premium septa.
- 1/2" (12.7mm) diameter premium septa.
- 17mm diameter premium septa.
- Plug-style premium GC septa.



## General Purpose Septa

General purpose septa are available in various formulations including 100% silicone, and PTFE- or polyimide-coated silicone. These are good for routine use. Septa 77® is a high-quality septum suitable for most applications. Maximum temperature setpoint is 300 deg. C, except in 17mm injection ports, 270 deg. C. Puresep T(TM) is a silicone-based septum coated on one side with PTFE. The PTFE is bonded to the silicone with an inner layer of polyimide. Maximum temperature setpoint is 225 deg. C. Microsep F-138 is a general purpose septum made of silicone faced on one side with PTFE. Maximum temperature setpoint is 200 deg. C.

- 5 - 6mm diameter general-purpose septa.
- 6.4 - 10mm diameter general-purpose septa.
- 11mm (7/16") diameter general-purpose septa.
- 11.5-13mm diameter general-purpose septa.
- Cylindrical septa are for gas sampling bulbs.



## Septa Sheets

Septa sheets are made from the same materials as our GC septa and can be cut or punched for special sizes. Economy Blue silicone sheets are designed for non-demanding, routine applications. Maximum temperature setpoint is 250 deg. C. Ultrsep® R is a good low-bleed septum with a temperature setpoint of 350 deg. C. Puresep T(TM) is a silicone-based septum coated on one side with PTFE. The PTFE is bonded to the silicone with an inner layer of polyimide. Maximum temperature setpoint is 225 deg. C.



## Septa Accessories

Needle guides, maintenance kits, tools and septa sheets.