



# Premium & General Purpose GC SEPTA



The Greyhound Chromatography range of Premium GC Septa are precision-moulded and available with a recess on the injection side, to guide the syringe needle to the same point with every injection. The Centre Guide design requires less force for initial penetration for a smoother feel. Septum life may be enhanced in some applications by minimizing tearing and coring.

- Centre point guides the needle for easy penetration
- Reduces needle bending
- Precision moulding assures accurate fit
- Packaged in glass jars for high purity



**BTO Septa** - are **B**leed and **T**emperature **O**ptimized for the most demanding GC and GC-MS applications: it is the finest GC septum available. Septa BTO is formulated to extend low bleed and outstanding mechanical properties of premium GC septa to the highest-temperature applications. It retains remarkable softness and pierceability at high temperatures, with extremely low bleed, and has been optimized to reduce injection port adhesion. Max. Temp. 400°C.



**Marathon Septa** - are an advanced GC septum for autosampler use, with significantly longer life. The Marathon septum typically achieves 400 injections without failure when used with a rounded-tip (HP-style) needle and autosampler or needle guide. Now you can make extended autosampler runs without fear of sample loss caused by blow-back of leaking carrier gas. The Marathon septum is also ideal for standard manual injection GC and GC-MS. Max. Temp. 350°C.



**Advanced Green Septa** - combine significantly longer injection life, low bleed and low injection port adhesion. The result is a green septum highly suitable for use with all critical analyses. Max. Temp. 350°C.

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**Signet EC Septa** - combine significantly longer injection life, high temperature with low injection port adhesion. These septa have excellent durability, resealing properties, excellent tear resistance and solvent resistance. Max. Temp. 350°C.



**Signet GP Septa** - provide a reliable seal against the carrier gas pressure in the inlet. Capable of being pierced and resealing time after time without pieces of the septa being deposited in the GC inlet system. Does not contaminate or bleed material into the chromatographic system. Combine significantly longer injection life, low bleed and low injection port adhesion. Recommended for low temperature applications. Max. Temp. 275°C.



**Signet HT Septa** - are capable of being pierced and resealing time after time without pieces of the septa being deposited in the GC inlet system, do not contaminate or bleed material into the chromatographic system. Bleed and Temperature Optimized combined with outstanding mechanical properties for the highest temperature applications. These septa retain their softness and pierceability even at high temperatures, and give low injection port adhesion. Max. Temp. 400°C.



**Signet MN Septa** - Are capable of being pierced and resealing time after time without pieces of the septa being deposited in the GC inlet system. Do not contaminate or bleed material into the chromatographic system. These premium septum are ideal for autosamplers with up to 400 injections per septum. Max. Temp. 350°C.



**HT Septa** - High Temperature Septa are made of preconditioned PTFE/silicone rubber and are 3.175 mm (0.125") thick. The average life of these septa is up to 100 injections with a 26s gauge needle. Max. Temp 212°C.



**Three Layer Septa** - Three Layer Septa are made of preconditioned silicone rubber and are 3.81 mm (0.150") thick. The average life of these septa is up to 100 injections with a 26s gauge needle. Max. Temp 200°C.



**Puresep P Septa** - are General purpose septa, red-orange in colour and have a thin FEP layer on the outside of the polyimide film. Puresep P septa are not low bleed. However, they are applied in special applications requiring the polyimide barrier layer. Puresep P septa are stamped from sheets of material to the size specified. Max. Temp 300°C.



**Puresep T Septa** - Are general purpose septa, faced with a double layer of polyimide and PTFE on one side. Puresep T septa are not low bleed. However, they are applied in special applications requiring the polyimide barrier layer. Puresep T septa are stamped from sheets of material to the size specified. Max. Temp 300°C.