



Chromatography Catalog 2023-2024



Providing Septa, Caps and 96 and 384 Well
Cap Mats for 30 years

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Overview



Specialty Silicone Products, Inc. is one of the few companies in the world that make their septa and well plate sealing mats starting from scratch. We buy silicone rubber bases and compound them into a variety of different formulas depending on a customer's application. We then use our proprietary technology/process to bond PTFE to the silicone creating a PTFE/Silicone septa.

We utilize state of the art cutting and inserting equipment to make and insert septa into a variety of plastic and metal caps.

Septa and Caps

We have 74 different diameter dies in stock to make septa ranging from 5mm to 43.5 mm in diameter. We can make septa as thin as .002" (2 mils) or as thick as 4 mm or .160". We offer septa in the following constructions:

- Silicone only
- PTFE/Silicone
- PTFE/Silicone/PTFE
- PTFE only

Below are some of the most common caps used by our customers:

- 8-425 PP open top screw caps
- 9 mm PP open top screw caps
- 10-425 PP open top screw caps
- 11 mm snap caps
- 13-425 PP open top screw caps
- 15-425 PP open top screw caps
- 24-414 PP open top screw caps
- 8, 11 & 20 mm aluminum crimp caps
- 11 & 20 mm magnetic crimp caps

96 and 384 Well Plate Sealing Mats

96 and 384 well plate sealing mats are made using a proprietary liquid silicone rubber that is injection molded to deliver a precision molded mat. We have our own machine shop on site that designs, builds and maintains all of our molds. This significantly reduces lead time and cost of a new injection mold.

Our History

Specialty Silicone Products, Inc. was founded in 1989 by four employees of GE Silicones. They recognized that several niche markets were emerging based on silicone technology and no commercial solution existed to meet this growing demand. They combined their experience to design and manufacture EMI RFI Conductive Silicones for Electronics/Military applications; Silicone/PTFE Septa liners and caps for Pharmaceutical customers; and custom silicone compounds for Industrial Gasket Fabricators all tailored to meet their exact specifications. Today SSP has a reputation for developing "Silicones that Work" and delivering them to our customers with speed, flexibility, and service.

Some of these products were designed to meet demanding specifications such as: Mil-G-85328 Type B, a Shielding application only a few manufacturers have been approved by the DLA on the Qualified Products List (QPL); MIL-R-25988, a military and aerospace gasket material designed for harsh environments associated with fuel, oil, and seal salt exposure; and an approved manufacturer of 510(k) Medical Devices.

SSP has 62 employees and is currently expanding our 35,000 square foot facility to include 19,000 square feet of additional manufacturing space (expected completion May of 2015).

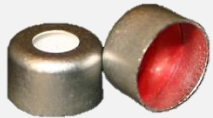

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Our 8mm aluminum open top crimp caps can be fit with a variety of pre-inserted septa to perform a range of applications. A crimp seal allows you to virtually prevent evaporation and contamination of the carrier material once sealed. In addition, we use high quality silicone and PTFE to create a product with excellent resealability and chemical resistance, until punctured.






<u>Septa Specifications</u>	<u>Vial Specifications</u>
Typical thickness: 0.040" Thickness range: 0.010", 0.040" Durometer: 35-55 *0.010" thick is PTFE only	Volume: 1 mL Dimensions: 8x40 Style: Shell




Part number	Quantity	Description	Picture
2504-8050-C 2504-8050-M	100/pack 1000/pack	ST2500 .040" Thick Red PTFE/ White easy pierce Silicone inserted into an 8mm Silver Aluminum Crimp Cap	
1214-8050-C 1214-8050-M	100/pack 1000/pack	ST535DF .040" Thick, Red PTFE/ White Silicone/ Red PTFE inserted into an 8mm Silver Aluminum Crimp Cap	


8-425 Open Top Screw Cap

We manufacture all of our septa, allowing us to provide a variety of septa with different thickness and/ or hardness to meet your specific needs. Also for the 8-425 open top screw cap, pre-slitting is available to facilitate an easier pierce and to release the vacuum formed when large volumes are removed. This product is typically used for HPLC and IC applications.

<p style="text-align: center;"><u>Septa Specifications</u> Typical thickness: 0.060" Thickness range: 0.045"- 0.060" Diameter: 0.321" Durometer: 45-55</p>	<p style="text-align: center;"><u>Vial Information</u> Volume: 1.8mL Dimensions: 12x32 Description: Standard Opening Style: Screw</p>
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Part number	Quantity	Description	Picture
2506-8002-C 2506-8002-M	100/pack 1000/pack	ST2500 .060" Thick Red PTFE/ White, easy pierce Silicone inserted into an 8-425 Black Screw Cap	
2506-80021-C 2506-80021-M	100/pack 1000/pack	ST2500-X .060" Thick, Slit , Red PTFE/ White, easy pierce Silicone inserted into an 8-425 Black Screw Cap	
1066-8002-C 1066-8002-M	100/pack 1000/pack	ST459DF .060" Thick, Red PTFE/ White Silicone/ Red PTFE inserted into an 8-425 Black Screw Cap	

Septa Only			
2506-0321-C 2506-0321-M	100/pack 1000/pack	ST2500 .060" Thick, Red PTFE/ White, easy pierce Silicone cut to .321" Diameter	
2506-03211-C 2506-03211-M	100/pack 1000/pack	ST2500-X .060" Thick, Slit , Red PTFE/ White, easy pierce Silicone cut to .321" Diameter	
1066-0321-C 1066-0321-M	100/pack 1000/pack	ST459DF .060" Thick, Red PTFE/ White Silicone/ Red PTFE cut to .321" Diameter	

8-425 Open Top Screw Cap Polypropylene			
SSP8002-B	Bulk	8-425 Black Open Top Screw Cap	



9mm Open Top Screw Cap




Our 9mm open top screw cap and liners are both manufactured internally to better provide you with quality and performance. We are able to produce the septa in a range of hardness for different gauge needles to meet your needs. In addition, all 9mm caps and septa have the ability to be bonded upon request.

Septa Specifications	Vial Information
Typical thickness: 0.040" Thickness range: 0.010", 0.040" Diameter: 0.346" Durometer: 35-60 *0.010" Thick is PTFE only	Volume: 1.8mL Dimensions: 12x32 Description: Large Opening Style: Screw






Part number	Quantity	Description	Picture
2504-9501-C 2504-9501-M	100/pack 1000/pack	ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 9mm Blue Ribbed Screw Cap	
2504-95011-C 2504-95011-M	100/pack 1000/pack	ST2500-X .040" Thick, Slit , Red PTFE/ White easy pierce Silicone inserted into a 9mm Blue Ribbed Screw Cap	

2504-9502-C 2504-9502-M	100/pack 1000/pack	ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 9mm Black Ribbed Screw Cap	
2504-9503-C 2504-9503-M	100/pack 1000/pack	ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 9mm Red Ribbed Screw Cap	
2504-9504-C 2504-9504-M	100/pack 1000/pack	ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 9mm Green Ribbed Screw Cap	
2504-9505-C 2504-9505-M	100/pack 1000/pack	ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 9mm Yellow Ribbed Screw Cap	
1490-9501-C 1490-9501-M	100/pack 1000/pack	ST1603 .040" Thick, Clear PTFE/ Orange Silicone inserted into a 9mm Blue Ribbed Screw Cap	
1384-9501-C 1384-9501-M	100/pack 1000/pack	ST883 .040" Thick, White PTFE/ Red Silicone inserted into a 9mm Blue Ribbed Screw Cap	
1384-95011-C 1384-95011-M	100/pack 1000/pack	ST883-X .040" Thick, Slit , White PTFE/ Red Silicone inserted into a 9mm Blue Ribbed Screw Cap	
1384-9502-C 1384-9502-M	100/pack 1000/pack	ST883 .040" Thick, White PTFE/ Red Silicone inserted into a 9mm Black Ribbed Screw Cap	
1384-95021-C 1384-95021-M	100/pack 1000/pack	ST883-X .040" Thick, Slit , White PTFE/ Red Silicone inserted into a 9mm Black Ribbed Screw Cap	
2414-9501-C 2414-9501-M	100/pack 1000/pack	ST2445 .040" Thick, tan PTFE/white easy pierce silicone inserted into a 9mm Blue Ribbed Screw Cap	
2414-95011-C 2414-95011-M	100/pack 1000/pack	ST2445-X .040" Thick, Slit , tan PTFE/white easy pierce silicone inserted into a 9mm Blue Ribbed Screw Cap	

1154-9501-C 1154-9501-M	100/pack 1000/pack	ST522B .040" Thick, Blue PTFE/ White Silicone inserted into a 9mm Blue Ribbed Screw Cap	
1154-95011-C 1154-95011-M	100/pack 1000/pack	ST522B-X .040" Thick, Slit , Blue PTFE/ White Silicone inserted into a 9mm Blue Ribbed Screw Cap	
1154-9502-C 1154-9502-M	100/pack 1000/pack	ST522B .040" Thick, Blue PTFE/ White Silicone inserted into a 9mm Black Ribbed Screw Cap	
1154-95021-C 1154-95021-M	100/pack 1000/pack	ST522B-X .040" Thick, Slit , Blue PTFE/ White Silicone inserted into a 9mm Blue Ribbed Screw Cap	
1214-9501-C 1214-9501-M	100/pack 1000/pack	ST535DF .040" Thick, Red PTFE/ White Silicone/ Red PTFE inserted into a 9mm Blue Ribbed Screw Cap	
2534-9501-C 2534-9501-M	100/pack 1000/pack	ST2511 .040" Thick, Natural PTFE/ White Silicone, easy pierce, Ultra Low Bleed , for GC/MS & LC/MS, inserted into a 9mm Blue Ribbed Screw Cap	
2534-9502-C 2534-9502-M	100/pack 1000/pack	ST2511 .040" Thick, Natural PTFE/ White Silicone, easy pierce, Ultra Low Bleed , for GC/MS & LC/MS, inserted into a 9mm Black Ribbed Screw Cap	
2534-95021-C 2534-95021-M	100/pack 1000/pack	ST2511-X .040" Thick, Slit , Natural PTFE/ White Silicone, easy pierce, Ultra Low Bleed , for GC/MS & LC/MS, inserted into a 9mm Black Ribbed Screw Cap	
Septa Only			
2504-0346-C 2504-0346-M	100/pack 1000/pack	ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone cut to .346" to fit 9mm Ribbed Screw Cap	

1384-0346-C 1384-0346-M	100/pack 1000/pack	ST883 .040" Thick, White PTFE/ Red Silicone cut to .346" to fit 9mm Ribbed Screw Cap	
1384-03461-C 1384-03461-M	100/pack 1000/pack	ST883-X .040" Thick, Slit , White PTFE/ Red Silicone cut to .346" to fit 9mm Ribbed Screw Cap	
1214-0346-C 1214-0346-M	100/pack 1000/pack	ST535DF .040" Thick, Red PTFE/ White Silicone/ Red PTFE cut to .346" to fit 9mm Ribbed Screw Cap	

9mm Open Top Screw Cap Polypropylene






SSP9501-C SSP9501-M	100/pack 1000/pack	9mm Blue Ribbed Open Top Screw Cap	
SSP9502-C SSP9502-M	100/pack 1000/pack	9mm Black Ribbed Open Top Screw Cap	
SSP9503-C SSP9503-M	100/pack 1000/pack	9mm Red Ribbed Open Top Screw Cap	
SSP9504-C SSP9504-M	100/pack 1000/pack	9mm Green Ribbed Open Top Screw Cap	
SSP9505-C SSP9505-M	100/pack 1000/pack	9mm Yellow Ribbed Open Top Screw Cap	








10-425 Open Top Screw Cap

The 10-425 open top screw caps are available in black or white and can have a variety of liners inserted into them. Both our polypropylene caps and septa liners are chemically inert and suitable for most chromatography applications. Similar to many of our other products, these liners are available in ultra low bleed and pre-slit.

<p style="text-align: center;"><u>Septa Specifications</u> Typical thickness: 0.060" Thickness range: 0.050"- 0.060" Diameter: 0.375" Durometer: 50</p>	<p style="text-align: center;"><u>Vial Information</u> Volume: 1.8mL Dimensions: 12x32 Description: Large Opening Style: Screw</p>
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Part number	Quantity	Description	Picture
2506-1002-C 2506-1002-M	100/pack 1000/pack	ST2500 .060" Thick, Red PTFE/ White, easy pierce Silicone inserted into a 10-425 Black Screw Cap	
2506-10021-C 2506-10021-M	100/pack 1000/pack	ST2500-X .060" Thick, Slit , Red PTFE/ White, easy pierce Silicone inserted into a 10-425 Black Screw Cap	
2506-1010-C 2506-1010-M	100/pack	ST2500 .060" Thick, Red PTFE/ White, easy pierce Silicone inserted into a 10-425 White Screw Cap	
2406-1010-C 2406-1010-M	1000/pack	ST2500 ULB .060" Thick, Red PTFE/ White, easy pierce, Ultra Low Bleed Silicone inserted into a 10-425 White Screw Cap	
2406-1002-C 2406-1002-M	100/pack 1000/pack	ST2500 ULB .060" Thick, Red PTFE/ White, easy pierce, Ultra Low Bleed Silicone	

		inserted into a 10-425 Black Screw Cap	
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Septa Only			
2506-0375-C 2506-0375-M	100/pack 1000/pack	ST2500 .060" Thick, Red PTFE/ White, easy pierce Silicone cut to 9.5mm Diameter	
2506-03751-C 2506-03751-M	100/pack 1000/pack	ST2500-X .060" Thick, Slit , Red PTFE/ White, easy pierce Silicone cut to 9.5mm Diameter	
2406-0375-C 2406-0375-M	100/pack 1000/pack	ST2500SF ULB .060" Thick, Red PTFE/ White, easy pierce, Ultra Low Bleed Silicone cut to 9.5mm Diameter	
10-425 Open Top Screw Caps Polypropylene			
SSP1002-B SSP1002-M	Bulk 1000/pack	10-425 Black Open Top Screw Cap	
SSP1010-B SSP1010-M	Bulk 1000/pack	10-425 White Open Top Screw Cap	

11mm Caps




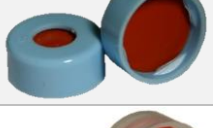




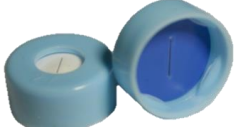
We offer the 11mm open top caps in both the crimp and snap styles. A snap cap will eliminate the need to crimp, as well as the need to purchase the necessary tools. While a crimp cap will allow you to virtually eliminated contamination and evaporation of the carrier material. The 11mm open top caps are offered in a variety of colors with an array of liners.



Septa Specifications	Vial Information
Typical thickness: 0.040" Thickness range: 0.040" - 0.050" (Crimp) .010", 0.040" (Snap) Diameter: 0.440" (Crimp), 0.414" (Snap) Durometer: 50-60 (Crimp), 35-60 (Snap)	Volume: 1.8mL Dimensions: 12x32 Description: Large Opening Style: Crimp or Snap Ring

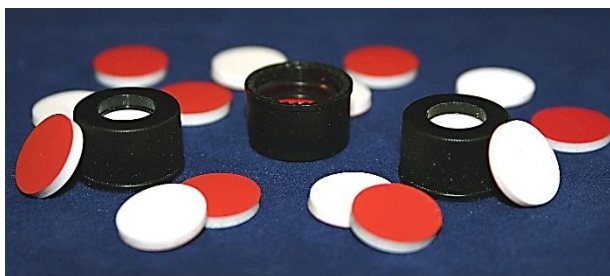
11mm Crimp Caps			
Part Number	Quantity	Description	Picture
1490-1107-C 1490-1107-M	100/pack 1000/pack	ST1603 .040" Thick, Clear FEP/ Orange Silicone inserted into an 11mm Silver Aluminum Crimp Cap	
1490-1101-C 1490-1101-M	100/pack 1000/pack	ST1603 .040" Thick, Clear FEP/ Orange Silicone inserted into an 11mm Blue Crimp Cap	
1490-1103-C 1490-1103-M	100/pack 1000/pack	ST1603 .040" Thick, Clear FEP/ Orange Silicone inserted into an 11mm Red Crimp Cap	
1490-1104-C 1490-1104-M	100/pack 1000/pack	ST1603 .040" Thick, Clear FEP/ Orange Silicone inserted into an 11mm Green Crimp Cap	

<p>1490-1105-C 1490-1105-M</p>	<p>100/pack 1000/pack</p>	<p>ST1603 .040" Thick, Clear FEP/ Orange Silicone inserted into an 11mm Yellow Crimp Cap</p>	
<p>1700-1107-C 1700-1107-M</p>	<p>100/pack 1000/pack</p>	<p>ST2300 .040" Thick, Red PTFE/ White Silicone inserted into an 11mm Silver Aluminum Crimp Cap</p>	
<p>1700-1207-C 1700-1207-M</p>	<p>100/pack 1000/pack</p>	<p>ST2300 .040" Thick, Red PTFE/ White Silicone inserted into an 11mm Silver Aluminum Magnetic Crimp Cap</p>	
<p>1490-1207-C 1490-1207-M</p>	<p>100/pack 1000/pack</p>	<p>ST1603 .040" Thick, Clear FEP/ Orange Silicone inserted into an 11mm Silver Aluminum Magnetic Crimp Cap</p>	
<p>1670-1107-C 1670-1107-M</p>	<p>100/pack 1000/pack</p>	<p>ST1603 ULB .040" Thick, Clear FEP/ Orange Ultra Low Bleed Silicone inserted into an 11mm Silver Aluminum Crimp Cap</p>	
<p>1214-1107-C 1214-1107-M</p>	<p>100/pack 1000/pack</p>	<p>ST535DF .040" Thick, Red PTFE/ White Silicone/ Red PTFE inserted into an 11mm Silver Aluminum Crimp Cap</p>	
11mm Snap Cap			
<p>2504-4100-C 2504-4100-M</p>	<p>100/pack 1000/pack</p>	<p>ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 11mm Clear Snap Cap</p>	
<p>2504-4101-C 2504-4101-M</p>	<p>100/pack 1000/pack</p>	<p>ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 11mm Blue Snap Cap</p>	
<p>2504-4102-C 2504-4102-M</p>	<p>100/pack 1000/pack</p>	<p>ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 11mm Black Snap Cap</p>	

<p>2504-4103-C 2504-4103-M</p>	<p>100/pack 1000/pack</p>	<p>ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 11mm Red Snap Cap</p>	
<p>2504-4105-C 2504-4105-M</p>	<p>100/pack 1000/pack</p>	<p>ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone inserted into a 11mm Yellow Snap Cap</p>	
<p>0464-4100-C 0464-4100-M</p>	<p>100/pack 1000/pack</p>	<p>ST119 .040" Thick, Clear FEP/ Orange Silicone inserted into an 11mm Clear Snap Cap</p>	
<p>0464-4101-C 0464-4101-M</p>	<p>100/pack 1000/pack</p>	<p>ST119 .040" Thick, Clear FEP/ Red Silicone inserted into an 11mm Blue Snap Cap</p>	
<p>1384-4100-C 1384-4100-M</p>	<p>100/pack 1000/pack</p>	<p>ST883 .040" Thick, White PTFE/ Orange Silicone inserted into an 11mm Clear Snap Cap</p>	
<p>1214-4100-C 1214-4100-M</p>	<p>100/pack 1000/pack</p>	<p>ST535DF .040" Thick, Red PTFE/ White Silicone/ Red PTFE inserted into a 11mm Clear Snap Cap</p>	
<p>2404-4100-C 2404-4100-M</p>	<p>100/pack 1000/pack</p>	<p>ST2500 ULB .040" Thick, Red PTFE/ White Ultra Low Bleed, easy pierce, Silicone inserted into an 11mm Clear Snap Cap</p>	
<p>1154-41001-C 1154-41001-M</p>	<p>100/pack 1000/pack</p>	<p>ST522B-X .040" Thick, Slit, Blue PTFE/ White Silicone inserted into an 11mm Clear Snap Cap</p>	
<p>1154-41011-C 1154-41011-M</p>	<p>100/pack 1000/pack</p>	<p>ST522B-X .040" Thick, Slit, Blue PTFE/ White Silicone inserted into an 11mm Blue Snap Cap</p>	

13-425 Open Top Screw Cap

The liners offered for the 13-425 open top screw cap are available pre-slit, ultra low bleed, and/or with a mixture of hardness and thicknesses. This product is typically used for HPLC applications and GC applications where purity and resealability are essential. We offer all possible combinations of these caps and liners bonded upon request.








Septa Specifications

Typical thickness: 0.060"
 Thickness range: 0.060"
 Diameter: 0.472"
 Durometer: 45-55

Vial Information

Volume: 4.0 mL
 Dimensions: 15x45
 Description: Large Opening
 Style: Screw

Part Number	Quantity	Description	Picture
2506-1302-C 2506-1302-M	100/pack 1000/pack	ST2500 .060" Thick, Red PTFE/ White easy pierce, Silicone inserted into a Black 13-425 Screw Cap	
2506-13021-C 2506-13021-M	100/pack 1000/pack	ST2500-X .060" Thick, Slit , Red PTFE/ White easy pierce Silicone inserted into a 13-425 Black Screw Cap	
13-425 Open Top Screw Cap Septa Only			
2506-0479-C 2506-0479-M	100/pack 1000/pack	ST2500 .060" Thick, Red PTFE/ White, easy pierce, Silicone cut to .479" Diameter	
2506-04791-C 2506-04791-M	100/pack 1000/pack	ST2500-X .060" Thick, Slit , Red PTFE/ White, easy pierce, Silicone cut to .479" Diameter	
13-425 Open Top Screw Cap Polypropylene			
SSP1302-B SSP1302-M	Bulk 1000/Pack	Black PP 13-425 Open Top Screw Cap	
16mm Dionex Caps: Septa Only			
1174-06316-C 1174-06316-M	100/pack 1000/pack	ST522R-* .040" Thick, Star Slit , Red PTFE/ White Silicone cut to .631" Diameter	

18mm Magnetic Screw Cap

Our 18mm, 8mm center hole, magnetic screw caps come preassembled with septa made from a specially formulated soft silicone rubber designed for low bleed, ease of needle penetration and resealability. With this formulation and conditioning our septa reduce siloxanes typically found in normal silicone septum.



<u>Septa Specifications</u>	<u>Vial Information</u>
Typical thickness: 0.050" Thickness range: 0.050"- 0.060" Diameter: 0.680" Durometer: 35-60	Volume: 10 mL or 20 mL Dimensions: 22.5x46 or 22.5x75.5 Description: 18mm Standard Finish, Radius Bottom Style: Screw

Part Number	Quantity	Description	Picture
0886-1812-C 0886-1812-M	100/pack 1000/pack	ST2150 .060" Thick, Blue PTFE/ White Ultra Low Bleed Silicone inserted into an 18mm Magnetic Screw Cap	
0895-1812-C 0895-1812-M	100/pack 1000/pack	ST2151 .050" Thick, Red PTFE/ White Silicone, Ultra Low Bleed , inserted into an 18mm Magnetic Screw Cap	
0905-1812-C 0905-1812-M	100/pack 1000/pack	ST2152 .050" Thick, White PTFE / Translucent Blue Ultra Low Bleed Silicone inserted into an 18mm Magnetic Screw Cap	

Septa Only			
Part Number	Quantity	Description	Picture
0886-0691-C 0886-0691-M	100/pack 1000/pack	ST2150 .060" Thick, Blue PTFE/ White Silicone, Ultra Low Bleed , cut to .691" Diameter	
0895-0691-C 0895-0691-M	100/pack 1000/pack	ST2151 .050" Thick, Red PTFE/ White Silicone, Ultra Low Bleed , cut to .691" Diameter	
0905-0691-C 0905-0691-M	100/pack 1000/pack	ST2152 .050" Thick, White PTFE/ Translucent Blue Silicone Ultra Low Bleed , cut to .691" Diameter	

20mm Headspace Crimp Cap

The aluminum 20mm headspace crimp caps are available with the standard center hole, 8mm or 5mm, or with a safety seal for pressure release. Our comprehensive combination of caps and liners are sure to meet and exceed your needs and expectations. To satisfy your needs, these products can be purchased either preassembled or separately.



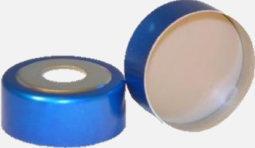







Septa Specifications

Typical thickness: 0.125"
 Thickness range: 0.080" - 0.125"
 Diameter: 0.800"
 Durometer: 35-60

Vial Information

Volume: 6 mL, 10 mL, 20 mL, 27mL
 Dimensions: 22x38, 23x46, 23x75, 30x60
 Description: Standard Finish or Tapered Top, with Radius or Flat Bottom
 Style: Crimp

Part number	Quantity	Description	Picture
1893-2007-C 1893-2007-M	100/pack 1000/pack	ST2373 .120" Thick, Natural PTFE/ White Ultra Low Bleed Silicone inserted into a Silver 20mm Aluminum Crimp Cap	
1893-2107-C 1893-2107-M	100/pack 1000/pack	ST2373 .125" Thick, Natural PTFE/ White Ultra Low Bleed Silicone inserted into a Silver 20mm Safety Seal Aluminum Crimp Cap	
1893-2201-C 1893-2201-M	100/pack 1000/pack	ST2373 .125" Thick, Natural PTFE/ White Ultra Low Bleed Silicone inserted into a Blue 20mm Bi-Metal Magnetic Cap	
0700-2007-C 0700-2007-M	100/pack 1000/pack	ST2060 .125" Thick, Natural PTFE/ Clear Extreme Ultra Low Bleed Silicone inserted into a Silver 20mm Aluminum Crimp Cap	
0700-2201-C 0700-2201-M	100/pack 1000/pack	ST2060 .125" Thick, Natural PTFE/ Clear Extreme Ultra Low Bleed Silicone inserted into a Blue 20mm Bi-Metal Magnetic Crimp Cap	
Septa Only			
1893-0800-C 1893-0800-M	100/pack 1000/pack	ST2373 .125" Thick, Natural PTFE/ White Ultra Low Bleed Silicone cut to .800" Diameter	

0700-0800-C 0700-0800-M	100/pack 1000/pack	ST2060 .125" Thick, Natural PTFE/ Clear Extreme Ultra Low Bleed Silicone cut to .800" Diameter	
20mm Headspace Caps ONLY for Headspace Vials			
SSP2007-M SSP2007-B	1000/pack Bulk	20mm Silver Aluminum Crimp Cap	



EPA/ VOA Caps



Our ultra low bleed and extreme ultra low bleed liners have been specially developed to meet EPA standards for volatile organic analysis. Due to the importance of restricting vapor movement, we offer a bonded option for all of these products to ensure a proper, secure fit between the cap and liner, as well as using a screw thread cap to create a tight seal with the vial.



<p style="text-align: center;"><u>Septa Specifications</u> Typical thickness: 0.125" Thickness range: 0.060" - 0.125" Diameter: 0.880" Durometer: 35-50</p>	<p style="text-align: center;"><u>Vial Information</u> Volume: 20 mL, 40 mL Dimensions: 28x57, 28x95 Style: Crimp</p>
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Part number	Quantity	Description	Picture
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0700-2602-C 0700-2602-D	100/pack 500/pack	ST2060 .125" Thick, Natural PTFE / Clear Extreme Low Bleed Silicone inserted into a Black 24-414 Open Top Screw Cap	
0700-2410-C 0700-2410-D	100/pack 500/pack	ST2060 .125" Thick, Natural PTFE / Clear Extreme Low Bleed Silicone inserted into a White 24-414 Open Top Screw Cap	




Septa Only			
0700-0880-C 0700-0880-D	100/pack 100/pack	ST2060 .125" Thick, Natural PTFE/ Clear Extreme Ultra Low Bleed Silicone cut to .880" Diameter to fit 24-414 or 24-400 Screw Cap	
0720-0880-C 0720-0880-D	100/pack 100/pack	ST2060 .125" Thick, Natural PTFE/ Clear Ultra Low Bleed Silicone cut to .880" Diameter to fit 24-414 or 24-400 Screw Cap	






Bonded Septa and Caps

We utilize proprietary bonding technology to bond septa to polypropylene caps, while preserving the low bleed properties of the septa. This unique technology is currently available for 9mm, 13-425 and 24-414 screw caps. This technology can be used to bond just about any septa that fit the preceding the caps; therefore upon request we can bond any septa to the respective cap.

FEATURES	BENEFITS
<ul style="list-style-type: none"> Manufactured to Order Conditioned for Ultra Low Bleed Soft, Strong Premium Silicone Born on date is on each package 	<ul style="list-style-type: none"> Reduced handling/contamination No interfering peaks Easy needle penetration/resealability Easily control/identify inventory

9 mm Ribbed Screw Cap			
Part number	Quantity	Description	Picture
2414-9501B-C 2414-9501B-M	100/pack 1000/pack	ST2445 .040" thick, tan PTFE/white easy pierce silicone, Bonded into blue 9mm ribbed screw cap	
2414-9501B1-C 2414-9501B1-M	100/pack 1000/pack	ST2445-X .040" thick, slit , tan PTFE/white easy pierce silicone, Bonded into blue 9mm ribbed screw cap	
2504-9501B-C 2504-9501B-M	100/pack 1000/pack	ST2500 .040" Thick, Red PTFE/ White easy pierce Silicone Bonded into 9mm Blue Ribbed Screw Cap	


2504-9501B1-C 2504-9501B1-M	100/pack 1000/pack	ST2500 .040" Thick, Slit , Red PTFE/ White easy pierce Silicone Bonded into 9mm Blue Ribbed Screw Cap	
1384-9501B-C 1384-9501B-M	100/pack 1000/pack	ST883 .040" Thick, White PTFE/ Orange Silicone Bonded into a 9mm Blue Ribbed Screw Cap	
1384-9501B1-C 1384-9501B1-M	100/pack 1000/pack	ST883-X .040" Thick, slit , White PTFE/ Orange Silicone Bonded into a 9mm Blue Ribbed Screw Cap	
1154-9502B-C 1154-9502B-M	100/pack 1000/pack	ST522B .040" Thick, Blue PTFE/ White Silicone Bonded into a 9mm Black Ribbed Screw Cap	
1154-9502B1-C 1154-9502B1-M	100/pack 1000/pack	ST522B-X .040" Thick, Slit , Blue PTFE/ White Silicone Bonded into a 9mm Black Ribbed Screw Cap	
2534-9502B-C 2534-9502B-M	100/pack 1000/pack	ST2511 .040" Thick, Natural PTFE/ White silicone, easy pierce, Ultra Low Bleed , Bonded into a 9mm Black Ribbed Screw Cap	
2534-9502B1-C 2534-9502B1-M	100/pack 1000/pack	ST2511-X .040" Thick, Slit , Natural PTFE/White silicone, easy pierce, Ultra Low Bleed , Bonded into a 9mm Black Ribbed Screw Cap	
13-425 Bonded Caps			
2506-1302B-C 2506-1302B-M	100/pack 1000/pack	ST2500 .060" Thick, Red PTFE/ White, easy pierce, Silicone Bonded into a 13-425 Black Screw Cap	
2506-1302B1-C 2506-1302B1-M	100/pack 1000/pack	ST2500-X .060" Thick, Slit , Red PTFE/ White, easy pierce Silicone Bonded into a 13-425 Black Screw Cap	
EPA/ VOA Vial Bonded Caps AutoSampler			
0706-2410B-C 0706-2410B-D	100/pack 500/pack	ST12060 .060" Thick, Natural PTFE/ Clear Silicone Bonded into a White 24-414 Open Top Screw Cap	


<p> 0700-2410B-C 0700-2410B-D </p>	<p> 100/pack 500/pack </p>	<p> ST2060 .125" Thick, Natural PTFE/ Clear Extreme Ultra Low Bleed Silicone Bonded into a White 24-414 Open Top Screw Cap </p>	
<p> 0700-2610B-C 0700-2610B-D </p>	<p> 100/pack 500/pack </p>	<p> ST2060 .125" Thick, Natural PTFE/ Clear Extreme Ultra Low Bleed Silicone Bonded into a White 24-400 Open Top Screw Cap </p>	
<p> 0700-2602B-C 0700-2602B-D </p>	<p> 100/pack 500/pack </p>	<p> ST2060 .125" Thick, Natural PTFE/ Clear Extreme Ultra Low Bleed Silicone Bonded into a Black 24-400 Open Top Screw Cap </p>	

GC Septa


Our GC Septa are made from 100% Pure Premium Silicone Rubber. The Longevity™ line of GC septa deliver the ultimate in low bleed and long life. Our unique formulation and conditioning process, as well as our ability to provide custom packaging, is what separates our GC Septa from the rest.





FEATURES		BENEFITS				
<ul style="list-style-type: none"> • Manufactured to Order • Conditioned for Ultra Low Bleed • Soft, Strong Premium Silicone • Born on date is on each package 		<ul style="list-style-type: none"> • Reduced handling/contamination • No interfering peaks • Easy needle penetration/resealability • Easily control/identify inventory 				
SSP2115		3mm Thick, General Purpose Precision Molded Purple GC Septa with Ultra Low Bleed and Long Life				
Per Jar	<u>9.5mm</u>	<u>10mm</u>	<u>11mm</u>	<u>11.5mm</u>	<u>17mm</u>	
<u>25</u>	1440-0375-XXV	1440-0394-XXV	1440-0433-XXV	1440-0452-XXV	1440-0669-XXV	
<u>50</u>	1440-0375-L	1440-0394-L	1440-0433-L	1440-0452-L	1440-0669-L	
<u>100</u>	1440-0375-C	1440-0394-C	1440-0433-C	1440-0452-C	1440-0669-C	
<u>1000</u>	1440-0375-M	1440-0394-M	1440-0433-M	1440-0452-M	1440-0669-M	

SSP2115		3mm Thick, General Purpose Precision Molded Purple GC Septa with Ultra Low Bleed , Guide Hole and Long Life				
Per Jar	<u>9.5mm</u>	<u>10mm</u>	<u>11mm</u>	<u>11.5mm</u>	<u>17mm</u>	

25	1450-0375-XXV	1450-0394-XXV	1450-0433-XXV	1450-0452-XXV	1450-0669-XXV
50	1450-0375-L	1450-0394-L	1450-0433-L	1450-0452-L	1450-0669-L
100	1450-0375-C	1450-0394-C	1450-0433-C	1450-0452-C	1450-0669-C
1000	1450-0375-M	1450-0394-M	1450-0433-M	1450-0452-M	1450-0669-M

Ultra Low Bleed/ High Temp GC Septa					GC Septa
SSP2122		3mm Thick, High Temp Precision Molded Red GC Septa with Ultra Low Bleed and Long Life			
Per Jar	<u>9.5mm</u>	<u>10mm</u>	<u>11mm</u>	<u>11.5mm</u>	<u>17mm</u>
25	1460-0375-XXV	1460-0394-XXV	1460-0433-XXV	1460-0452-XXV	1460-0669-XXV
50	1460-0375-L	1460-0394-L	1460-0433-L	1460-0452-L	1460-0669-L
100	1460-0375-C	1460-0394-C	1460-0433-C	1460-0452-C	1460-0669-C
1000	1460-0375-M	1460-0394-M	1460-0433-M	1460-0452-M	1460-0669-M

SSP2122-GH		3mm Thick, High Temp Precision Molded Red GC Septa Guide Hole with Ultra Low Bleed and Long Life			
Per Jar	<u>9.5mm</u>	<u>10mm</u>	<u>11mm</u>	<u>11.5mm</u>	<u>17mm</u>
25	1470-0375-XXV	1470-0394-XXV	1470-0433-XXV	1470-0452-XXV	1470-0669-XXV
50	1470-0375-L	1470-0394-L	1470-0433-L	1470-0452-L	1470-0669-L
100	1470-0375-C	1470-0394-C	1470-0433-C	1470-0452-C	1470-0669-C
1000	1470-0375-M	1470-0394-M	1470-0433-M	1470-0452-M	1470-0669-M

SSP495 SP		Shimadzu Precision molded, Ultra Low Bleed, High Temp, Red GC Septa		
<u>Quantity</u>	<u>Product Number</u>			
<u>25 per jar</u>	1510-SP-XXV			





<u>50 per jar</u>	1510-SP-L
<u>100 per jar</u>	1510-SP-C
<u>1000 per can</u>	1510-SP-M

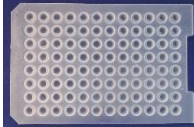
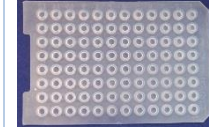

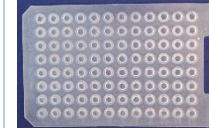
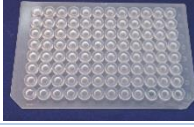

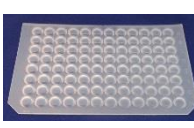
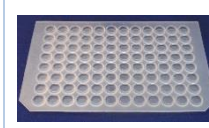

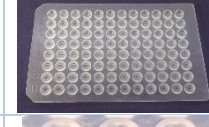
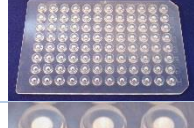

96 & 384 Well Plate Sealing Mats

Our specially formulated, premium grade, 100% pure silicone well pads are available with a number of options including but not limited to low bleed and pre-slit. Our mats are designed to fit most 96 & 384 plates.






FEATURES	BENEFITS
<ul style="list-style-type: none"> • Manufactured to Order • Conditioned for Ultra Low Bleed • Soft, Strong Premium Silicone • Born on date is on each package 	<ul style="list-style-type: none"> • Reduced handling/contamination • No interfering peaks • Easy needle penetration/resealability • Easily control/identify inventory • Can be slit for easy piercing and increased ventilation

96 Square Well Pads			
Part Number	Description	Top	Bottom
2089-2-V	SSP2089CLEAR-208 96 Square sealing mat, made with 100% Premium clear silicone Packs of 5	 	 
96 Round Well Pads			
Part Number	Description	Top	Bottom

<p>2092-1-V</p>	<p>SSP2092CLEAR-212 96 Round (7mm diameter plug) sealing mat made with 100% Premium clear silicone Packs of 5</p>		
<p>2401-1-V</p>	<p>SSP2401CLEAR-212 96 Round (7mm diameter plug) sealing mat made with 100% Premium clear, Ultra Low Bleed, silicone Packs of 5</p>		
<p>2125-1-V</p>	<p>SSP2125CLEAR-245 96 Round (8mm Diameter Plug) sealing mat made with 100% Premium clear silicone Packs of 5</p>		
<p>2137-1-V</p>	<p>SSP2137CLEAR-252 96 Round (8mm diameter and short plug) sealing mat made with 100% Premium clear silicone Packs of 5</p>		
<p>2080-1-V</p>	<p>SSP2080CLEAR-193 96 Round sealing mat, made with 100% Premium clear silicone Packs of 5</p>		
<p>1880-3-V</p>	<p>SSP1880CLEAR-271 96 Round sealing mat, flat bottoms, made with 100% Premium clear silicone Packs of 5</p>		

384 Square Well Pads

Part Number	Description	Top	Bottom
1880-4-V	SSP1880CLEAR-096 384 Square sealing mat, made with 100% Premium clear silicone. Packs of 5	 	 

Terms and Conditions

Use of Products

Specialty Silicone Products, Inc. (SSP) manufactures septa designed to seal liquids, gases, and chemicals in glass vials, in conjunction with crimp, snap and screw caps. Our septa are typically used constructed of PTFE and silicone rubber. It is solely the responsibility of users to test, evaluate and approve septa for their specific applications.

SSP makes no representations that use is appropriate in any application.

Specifications

SSP manufactures septa and related products that meet internal physical property specifications. We reserve the right to make minor specification changes without prior notice and without liability for such changes. In certain instances, SSP will create a customer specific specification that may include testing of raw materials that we may not routinely use. Changes to these customer specific specifications can require notification before changes can be made.

How to Order

Call : Toll Free : 800-437-1442

Phone: 518-885-8826

Fax: 518-885-4682

Or Inquire Online:

www.septasource.com/contact_us

Or

www.sspinc.com/contact_us