



Ultra low extractable levels  
Clean manufacturing  
Unparalleled customer service

## Septa, caps and liners

Trajan's portfolio and capabilities

For over 35 years, Trajan Scientific and Medical (via Soltec Inc.), has manufactured septa and caps of the highest quality, for use in extraction processes for analytical science.

The combination of low extractables, quick delivery, and unparalleled customer service has made the Trajan line of septa products a preferred choice for the most stringent analytical methods including GCMS, LCMS, and HPLC sample preparation.

Ultra low extractable levels  
Clean manufacturing  
Unparalleled customer service



## Superior septa production

---

From raw material to finished product, Trajan manufactures their silicone septa material from the highest quality materials available. Total control over each step of the manufacturing process is carefully maintained, including extraction testing of every material lot, to ensure ultra low levels of extraction that might otherwise impact your analytical results.

- Compounding in-house
- Decades of silicone compounding and production experience
- Platinum-catalyzed, addition-cured silicone rubber
- All silicone free of potential polysiloxane poisoning
- Premium PTFE, FEP, or polyimide films
- 100% cohesive bonding between liner and film materials
- 100% testing of extractables at the lot level
- Automated cap/septa assembly



## Product range

---

We manufacture more than 1,000 products in different configurations including:

- Septa only and septa/cap assemblies
- High purity silicone, Viton®, butyl, natural red, and foam
- PTFE, FEP, and polyimide films
- Infinite color combinations
- 8 mm, 9 mm, 10 mm, 11 mm, 13 mm, 20 mm, 22 mm and 24 mm cap sizes
- Polypropylene, polyethylene, aluminum, steel, and magnetic cap materials
- Screw, snap, and crimp caps



## Septa thickness and slit options

---

Trajan septa are available in a range of thicknesses from 0.25 mm to 4 mm. Thicker septa can improve resealability.

In addition to solid septa, we offer a range of slit types.

Partial or full septa slit through and pre-cut slits increases the needle penetration target area, reduces the penetration pressure required of the autosampler, reduces back pressure during aspiration, and eliminates coring.



## Customized solutions

---

### Septa configurations available



*Non slit*



*Slit*



*Star*



*Cross*



*Y-cut*



*Step slit*



*Washer*

### Custom (as per your requirements)

Trajan welcomes the opportunity to develop custom septa/liners for those customers with unusual applications.

## Septa, caps and liners

### Trajan's portfolio and capabilities

Trajan pursues and actively maintains a rigorous search for new material and constructions for the development of septa/liners that will meet the ever-changing needs of the market.

Visit us at [www.trajanscimed.com](http://www.trajanscimed.com) or contact your regional Trajan representative for assistance and further information.



*Viton® is a registered trademark of The Chemours Company FC, LLC.*

## Trajan Scientific and Medical

### Science that benefits people

Trajan is actively engaged in developing and delivering solutions that have a positive impact on human wellbeing. Our vision revolves around collaborative partnerships that improve workflows, delivering better results.