

PFAS
FREE

SAMPLE VIAL CAPS



The First in the Industry

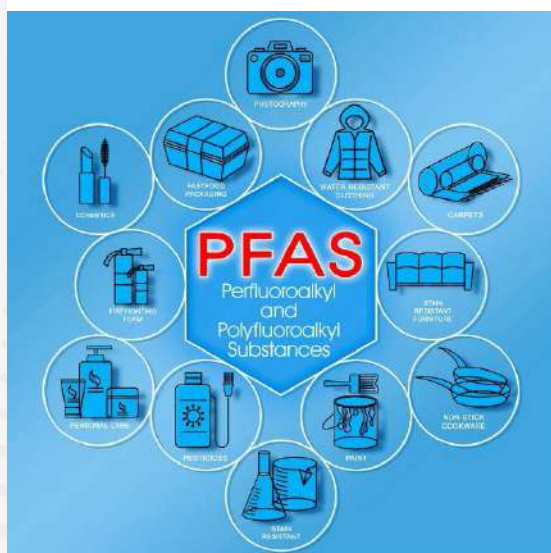
PFAS-Free Certified for GC and LC Use

PAT. NO. US
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WHAT ARE PFAS AND FOREVER CHEMICALS?

PFAS stands for per- and polyfluoroalkyl substances and are colloquially known as “forever chemicals.” They are a group of man-made chemicals that have been widely used in various industrial and consumer products since the 1940’s. PFAS are known for their strong chemical bonds, which make them resistant to heat, water, and oil. This property has made them popular for use in a wide range of applications, including firefighting foams, non-stick cookware, waterproof fabrics, food packaging, and many other household and industrial products.



PFAS CAN BE FOUND IN:

- Drinking water
- Household items: carpeting, furniture
- Food packaging
- Clothing

The EPA is using science-based decision making to identify which PFAS may pose human health and ecological risks while developing test methods to measure and identify PFAS in the environment.

ILT's PFAS-Free Sample Vial Caps for a PFAS-free sample set-up.

As PFAS increasingly becomes a concern for the health of humans and the planet, eliminating sources of PFAS in our environments will be crucial to reducing our exposure to PFAS. Finding new materials to replace existing PFAS used in certain industries and applications will be a challenge for us all. ILT is proud to release a PFAS-Free series of caps that are compatible with all standard glass or plastic screw, crimp, or snap top vials. These caps are recommended for standard GC and LC analysis.

ILT'S PFAS-FREE SAMPLE CAPS TESTED FOR PFAS

ILT's polypropylene/silicone liner material has been tested for Total Fluorine content as well as for eighteen specific PFAS compounds by an accredited outside testing lab. Testing reports are on file with ILT and can be viewed upon request.

- **Total Fluorine content testing had a result of N.D.** – not detected to <9ppm total fluorine (specification is <100ppm)
- **PFAS compound testing had a result of N.D.** – not detected, less than specified detection limit for all PFAS compounds tested



PFAS-Free Sample Caps Chemical Compatibility and Temperature Guidance

For temperature and chemical compatibility guidance please consult your ILT sales representative. A sample of ILT's PFAS-Free sample caps should be tested for compatibility for use with specific chemicals and/or methods. Samples available upon request.

9MM SCREW CAPS



- Featuring high grade platinum silicone with polypropylene liner material
- 9mm screw caps with press-fit polypropylene/green silicone/polypropylene, slit and non-slit
- Compatible with all 12 x 32mm screw cap vials

ILT Part Number	Description
009-03-5735	9mm blue screw cap, press-fit clear PP/green silicone/clear PP
009-03-5734	9mm blue screw cap, press-fit clear PP/green silicone/clear PP, pre-slit

9MM STEEL SCREW CAPS



- Featuring high grade platinum silicone with polypropylene liner material
- 9mm steel screw caps with press-fit polypropylene/green silicone/polypropylene, slit and non-slit
- Compatible with all 12 x 32mm screw cap vials

ILT Part Number	Description
009-03-5719	9mm steel screw cap, press-fit clear PP/green silicone/clear PP
009-03-5718	9mm steel screw cap, press-fit clear PP/green silicone/clear PP, pre-slit

11MM ALUMINUM CRIMP CAPS



- Featuring high grade platinum silicone with polypropylene liner material
- 11mm aluminum crimp with press-fit polypropylene/green silicone/polypropylene, slit and non-slit
- Compatible with all standard crimp top vials

ILT Part Number	Description
011-03-5733	11mm aluminum crimp, press-fit clear PP/green silicone/clear PP
011-03-5732	11mm aluminum crimp, press-fit clear PP/green silicone/clear PP, pre-slit

11MM SNAP CAPS



- Featuring high grade platinum silicone with polypropylene liner material
- 11mm snap caps with press-fit polypropylene/green silicone/polypropylene, slit and non-slit
- Compatible with all standard snap ring top vials

ILT Part Number	Description
011-03-5731	11mm clear snap cap, press-fit clear PP/green silicone/clear PP
011-03-5730	11mm clear snap cap, press-fit clear PP/green silicone/clear PP, pre-slit

24MM SURE-CLEAN SCREW CAPS



- Featuring high grade platinum silicone with polypropylene liner material
- 24mm SURE-Clean screw cap with dust cover bonded with green silicone/polypropylene
- Keeps the sample contaminant free through point of collection to sample

ILT Part Number

[024-13-5729](#)

Description

24mm SURE-Clean™ screw cap with dust cover, bonded clear PP/green silicone

CUSTOM PFAS-FREE SAMPLE CAPS

ILT's PFAS-Free Sample Caps are not limited to caps seen here.

ILT's polypropylene/silicone/polypropylene liner material can be inserted into:

- ▶ Cap sizes: 8mm to 70mm

ILT's polypropylene/silicone liner material can be bonded into:

- ▶ Cap sizes: 8mm to 70mm

Supports sustainability initiatives with **zero use of PFAS materials.**



9mm Screw Caps



11mm Aluminum Crimp Caps



11mm Snap Caps



25mm Sure-Clean Screw Caps

INTEGRATED LINER TECHNOLOGIES

Since 1993

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www.iltusa.com

OUR MISSION

is to redefine existing
liner technology through
cutting edge advances in
manufacturing methods and
material science.



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