

PFAS FREE™

Sample Vial Caps

The First in the Industry

PFAS-Free Certified for GC and LC Use

Patent No.: US 12,202,649

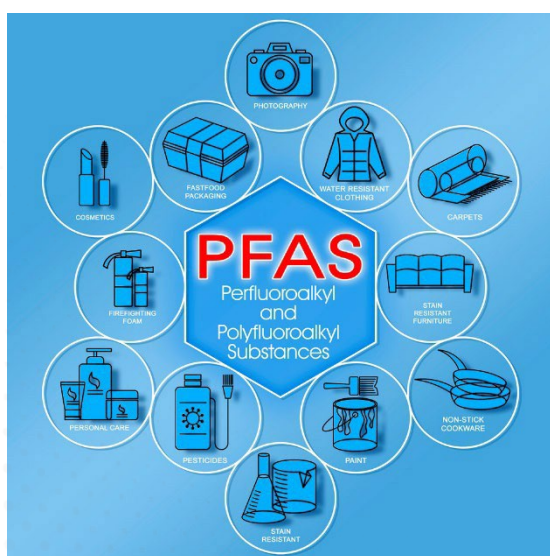


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What are PFAS and Forever Chemicals?

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 PFAS-Free film/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



ILT Part Number

009-03-5735

009-03-5734

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

Description

9mm blue screw cap, press-fit PFAS-Free film/green silicone/PFAS-Free film

9mm blue screw cap, press-fit PFAS-Free film/green silicone/PFAS-Free film, pre-slit

9mm Steel Screw Caps



ILT Part Number

009-03-5719

009-03-5718

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

Description

9mm steel screw cap, press-fit PFAS-Free film/green silicone/PFAS-Free film

9mm steel screw cap, press-fit PFAS-Free film/green silicone/PFAS-Free film, pre-slit

11mm Aluminum Crimp Caps



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

ILT Part Number

011-03-5733

011-03-5732

Description

11mm aluminum crimp, press-fit PFAS-Free film/green silicone/PFAS-Free film

11mm aluminum crimp, press-fit PFAS-Free film/green silicone/PFAS-Free film, pre-slit

11mm Snap Caps



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

ILT Part Number

011-03-5731

011-03-5730

Description

11mm clear snap cap, press-fit PFAS-Free film/green silicone/PFAS-Free film

11mm clear snap cap, press-fit PFAS-Free film/green silicone/PFAS-Free film, pre-slit

24mm SURE-Clean Screw Caps



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

ILT Part Number

[024-13-5729](#)

Description

24mm SURE-Clean screw cap, bonded PFAS-Free film/green silicone

Custom PFAS-Free Sample Caps

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

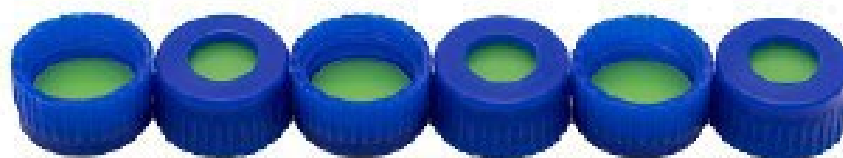
ILT's PFAS-Free film/silicone/PFAS-free film liner material can be inserted into:

Cap sizes: 8mm to 70mm

ILT's PFAS-Free film/silicone liner material can be bonded into:

Cap sizes: 8mm to 70mm

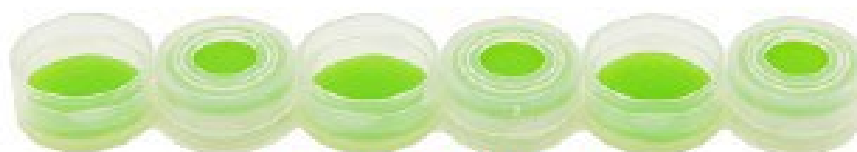
Supports sustainability initiatives with
zero use of PFAS materials



9mm Screw Caps



11mm Aluminum Crimp Caps



11mm Snap Caps



24mm Sure-Clean Screw Caps

Request your PFAS-Free sample vial caps today!

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INTEGRATED LINER TECHNOLOGIES

Since 1993

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OUR MISSION

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



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