



Simply Quality

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## PFAS VIALS & CAPS SCREW TOP / SNAP TOP

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**PFAS Analysis approved  
Highest Quality Materials  
Maximum PFAS Recovery Rates  
Performance Guaranteed**



**YOUR GLOBAL SCIENCE PARTNER**

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## The problem of PFAS in the environment

Because Perfluoroalkyl and Polyfluoroalkyl substances do not decompose, they can accumulate over time in the environment and the human body.

There is increasing evidence that exposure to PFAS can adversely affect human health. As a result, regulatory bodies are legislating that many materials should be tested to ensure that they do not contain traces of PFAS or that the traces are below permitted legal limits.

PFAS are widely used in materials such as PTFE, which are commonly used in chemical analysis consumables, therefore, laboratories need new labware products to minimize background contamination from these chemicals.

PTFE contains trace amounts of PFAS, so it is important not to use PTFE faced liners in autosampler vials or sample containers. To overcome this problem, Greyhound supplies vial septa manufactured from a high-purity silicone rubber composition coated with a layer of Polyimide, which is the perfect solution for trace PFAS analysis. The usable temperature range of these caps is up to 130°C, and is suitable for up to 10 injections.

The Polyimide is amber-coloured translucent and the high purity white silicone rubber reduces leaching.

### **Polypropylene Q-Range™ Wide Neck Screw Top and Snap Cap Vials are the vials recommended for your PFAS analyses**

Manufactured from chemical resistant polypropylene, the material is ideal for “PFAS-free” sampling, testing, storage and transportation operations. These lightweight vials are an excellent economical alternative to glass and are designed to work with most autosamplers. The ultra smooth walls of the Q-Range™ vials ensure less adsorption, resulting in far higher recoveries (97% compared to some competitor’s vials of only 39%)

### **Q-Range™ Vial Kits for PFAS Testing**

These Q-Range™ Vial Kits for PFAS testing are available in 9mm Wide Neck Screw Top or 11mm Wide Neck Snap Cap versions and include 100 vials and 100 caps. Packaged in sealed clear plastic bags which fit in a bench drawer for easy access and to keep the products clean and dust free.

***Greyhound Q-Range™ 9mm Screw Top and 11mm Snap Top vials are designed to work in robotic arm autosamplers and have a crimp style height combined with the convenience of Screw Thread or Snap Cap configuration.***

**Need larger quantities of vials?  
Simply contact our sales team to get your special price  
for bulk and / or call off orders**

### **Silicone/Polyimide Compatibility Chart**

	Acetonitrile	Methanol	THF	DMF	Alcohols (ethanol)	Ether	Cyclohexane	Acetone					
	Hydrocarbons	Benzene	Toluene	DMSO	DCM	Acetic Acid	Phenol						
Silicone/ Polyimide	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

# Polypropylene 9mm Screw Top Vials and Closures & Vial Kits



Part No.	Description	Unit
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## 9mm Screw Thread Vials

60-100007	100µL to 300µL Polypropylene Limited Volume Vial, 12x32mm, 9mm Thread	100
60-100007-A	100µL to 300µL Amber Polypropylene Limited Volume Vial, 12x32mm, 9mm Thread	100
60-100007-BK	100µL to 300µL Black Polypropylene Limited Volume Vial, 12x32mm, 9mm Thread	100

60-100053	500µL Polypropylene Limited Volume Vial, 12x32mm, 9mm Thread	100
60-100053-A	500µL Amber Polypropylene Limited Volume Vial, 12x32mm, 9mm Thread	100
60-100053-BK	500µL Black Polypropylene Limited Volume Vial, 12x32mm, 9mm Thread	100
60-100053-PK	500µL Pink Polypropylene Limited Volume Vial, 12x32mm, 9mm Thread	100

60-100068	750µL Polypropylene Limited Volume Vial, 12x32mm, 9mm Thread	100
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60-100087	1.5mL Polypropylene Vial, 12x32mm, 9mm Thread	100
60-100087-BK	1.5mL Black Polypropylene Vial, 12x32mm, 9mm Thread	100

## 9mm Screw Thread Caps

60-101035-B	9mm Screw Cap, Blue with 1mm Thick Polyimide/Silicone Liner for PFAS Testing	100
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Part No.	Description	Unit
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## Screw Thread Vial Kits for PFAS Testing

60-101498	<b>Vial Kit - P/Nos 60-100007 and 60-101035-B</b> 100µL to 300µL Polypropylene Limited Volume Vials, 9mm Screw Thread, 12x32mm and 9mm Blue Screw Cap, with 1mm thick Polyimide/Silicone Liner for PFAS Testing	100
60-101499	<b>Vial Kit - P/Nos 60-100053 and 60-101035-B</b> 500µL Polypropylene Limited Volume Vial, 9mm Screw Thread, 12x32mm and 9mm Blue Screw Cap, with 1mm thick Polyimide/Silicone Liner for PFAS Testing	100
60-101500	<b>Vial Kit - P/Nos 60-100068 and 60-101035-B</b> 750µL Polypropylene Limited Volume Vial, 9mm Screw Thread, 12x32mm and 9mm Blue Screw Cap, with 1mm thick Polyimide/Silicone Liner for PFAS Testing	100
60-101501	<b>Vial Kit - P/Nos 60-100087 and 60-101035-B</b> 1.5mL Polypropylene Vial, 9mm Thread, 12x32mm and 9mm Blue Screw Cap, with 1mm thick Polyimide/Silicone Liner for PFAS Testing	100

# Polypropylene 11mm Snap Cap Vials and Closures & Vial Kits



Part No.	Description	Unit
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## 11mm Snap Cap Vials

60-100014	100µL to 300µL Polypropylene Limited Volume Vial, 12x32mm, 11mm Crimp/Snap Ring	100
60-100014-A	100µL to 300µL Amber Polypropylene Limited Volume Vial, 12x32mm, 11mm Crimp/Snap Ring	100
60-100014-BK	100µL to 300µL Black Polypropylene Limited Volume Vial, 12x32mm, 11mm Crimp/Snap Ring	100

60-100016	500µL Polypropylene Limited Volume Vial, 12x32mm, 11mm Crimp/Snap Ring	100
60-100016-A	500µL Amber Polypropylene Limited Volume Vial, 12x32mm, 11mm Crimp/Snap Ring	100
60-100016-PK	500µL Pink Polypropylene Limited Volume Vial, 12x32mm, 11mm Crimp/Snap Ring	100

60-100075	750µL Polypropylene Limited Volume Vial, 12x32mm, 11mm Crimp/Snap Ring	100
60-100075-A	750µL Amber Polypropylene Limited Volume Vial, 12x32mm, 11mm Crimp/Snap Ring	100
60-100075-BK	750µL Black Polypropylene Limited Volume Vial, 12x32mm, 11mm Crimp/Snap Ring	100

60-100076	1.5mL Polypropylene Snap Seal Vial, 12x32mm, 11mm Crimp/Snap Ring	100
60-100076-A	1.5mL Amber Polypropylene Snap Seal Vial, 12x32mm, 11mm Crimp/Snap Ring	100
60-100076-BK	1.5mL Black Polypropylene Snap Seal Vial, 12x32mm, 11mm Crimp/Snap Ring	100

## 11mm Snap Caps

60-100772-B	11mm Snap Cap, Blue with 1mm Thick Polyimide/Silicone Liner for PFAS Testing	100
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Part No.	Description	Unit
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## Snap Cap Vial Kits for PFAS Testing

60-101450	<b>Vial Kit - P/Nos 60-100014 and 60-100772-B</b> 100µL to 300µL Polypropylene Limited Volume Vials, 12x32mm and 11mm Blue Snap Cap, with 1mm thick Polyimide/Silicone Liner for PFAS Testing	100
60-101451	<b>Vial Kit - P/Nos 60-100016 and 60-100772-B</b> 500µL Polypropylene Limited Volume Vial, 12x32mm and 11mm Blue Snap Cap, with 1mm thick Polyimide/Silicone Liner for PFAS Testing	100
60-101452	<b>Vial Kit - P/Nos 60-100075 and 60-100772-B</b> 750µL Polypropylene Limited Volume Vial, 12x32mm and 11mm Blue Snap Cap, with 1mm thick Polyimide/Silicone Liner for PFAS Testing	100
60-101453	<b>Vial Kit - P/Nos 60-100076 and 60-100772-B</b> 1.5mL Polypropylene Vial, 12x32mm and 11mm Blue Snap Cap, with 1mm thick Polyimide/Silicone Liner for PFAS Testing	100

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