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# **PFA Labware**

## **Bottles, Vials, & Racks**

## Threaded PFA Bottles and Vials

## ESI P/N

### PFA Bottle & Cap (28mm OD)

20mL volume  
Fits SR2-27-28, ST10-28

V-28-0360-V  
Qty 5



### Graduated PFA Vial (30mm OD)

15mL volume, cored bottom  
Fits MR-10-30, SR2-21-30

V-31-15-X  
Qty 10

15mL volume, flat bottom  
Fits MR-10-30, SR2-21-30

V-31-15F-X  
Qty 10

30mL volume, cored bottom  
Fits MR-10-30, SR2-27-31, ST10-31

V-31-30-X  
Qty 10

30mL volume, flat bottom  
Fits MR-10-30, SR2-27-31, ST10-31

V-31-30F-X  
Qty 10

60mL volume, cored bottom  
Fits SR2-27-31, LR-21-30, LMR-21-30-R, HR-21-30, ST-10-31

V-31-60-X  
Qty 10

60mL volume, flat bottom  
Fits SR2-27-31, LR-21-30, LMR-21-30-R, HR-21-30, ST-10-31

V-31-60F-X  
Qty 10

PFA screw cap for 30mm OD vials  
Fits V-31-15, V-31-15F, V-31-30, V-31-30F, V-31-60, V-31-60F

PFA-K29-X  
Qty 10



## Threaded PFA Bottles with TFM Insert

## ESI P/N

### PFA Bottle and Cap (50mm OD)

100mL volume (125mL full)  
Fits SR2-12-50, ST2-9-50, ST4-9-50

V-50-0360  
Qty 1



## PFA-T12 Tubes (12mm OD)

## ESI P/N

### 1mL PFA Tube

1mL PFA tube, internal tapered with external flat bottom  
Fits MR-21-12-08

PFA-T12-M-X  
Qty 10



### PFA Dust Cover Cap

PFA dust cover cap, flat top for vacuum tweezers  
Fits PFA-T12-M

PFA-C12-X  
Qty 10



## PFA-T16 Tubes (16mm OD)

## ESI P/N

### 12mL PFA Tube

The large volume tube for micro racks with tapered bottom allows you to handle small volume samples and offers a leak proof cap and a septum piercing cap. It has graduation marks at 2mL, 5mL and 10mL and is self standing.

- Non-contaminating
- Leak-proof seal
- Preserves sample integrity

Fits Racks SR2-80-16, LR-60-16, LMR-60-16-R, HR-60-16

PFA-T16-X | Qty 10  
PFA-T16-C | Qty 100



### PFA Insert Cap

For 16mm PFA tube (PFA-T16), knurled grip

PFA-C16-X | Qty 10  
PFA-C16-C | Qty 100

### PTFE Stopper Cap

For 16mm PFA tube (PFA-T16)

PFA-BST-16-X  
Qty 10



### PFA Septum Pierce Cap

For 16mm PFA tube (PFA-T16), knurled grip. Cap holds a thin PFA sheet in place and has an opening to allow the autosampler probe to pass through. (Does not include PFA sheet)

PFA-PC16-X | Qty 10  
PFA-PC16-C | Qty 100



### PFA Sheet

For septum pierce cap with 16mm PFA tube

PFA-S16-X | Qty 10  
PFA-S16-C | Qty 100

## PFA Micro Vials (14mm OD)

## ESI P/N

Chemically inert PFA vials for high purity, micro-sample applications.

- Non-contaminating
- Reusable
- HF-resistant
- Temperature range of -200 °C to 260 °C
- Self-standing

14mm OD vials fit racks: MR-21-14, MR-40-14, SR4-60-14

### Graduated PFA Micro Vial with Conical Bottom

1mL volume, brim full 2mL

V-14-0311CG-X  
Qty 10

2mL volume, brim full 3mL

V-14-0312CG-X  
Qty 10

4mL volume, brim full 4.5mL

V-14-0314CG-X  
Qty 10

### PFA Cap for Micro Vial

PFA cap

V-14-0309-X  
Qty 10

PFA snap-on cap

V-15-0300-X  
Qty 10

PFA cap with knob

V-15-0301-X  
Qty 10

ETFE tweezers

Allows for precise removal of PFA cap with knob.

ES-7225-0001



## 2mL PVDF Vials (14mm OD)

## ESI P/N

### Pre-cleaned PVDF Autosampler Vial

PVDF sample vials are a low-cost complement to our high-performance PFA vials. These high tensile strength, fluoropolymer vials can replace more expensive PFA vials in many applications.

#### Features:

- Semiconductor grade PVDF fluoropolymer
- High dielectric and mechanical strength, flexible
- Excellent for the analysis of Nitric Acid, Hydrochloric Acid, Hydrofluoric Acid, or Ammonium Hydroxide
- Resistant to most mineral and organic acids, as well as aliphatic and aromatic hydrocarbons, alcohols, halogenated solvents and oxidizing agents
- Self-standing
- Conical internal bottom for micro sample analysis
- Suitable for most semiconductor pure chemicals
- Not recommended for ketones, acetone, ethyl acetate and MIBK

VPC-14-0712-C  
2 mL, pre-cleaned PVDF  
autosampler vial.  
Qty 100

VPC-14-0309-C  
Pre-cleaned PFA cap for  
V-14 vial.  
Qty 100



PVDF vial  
(VPC-14-0712)



PFA cap  
(VPC-14-0309)

## Micro Sample Racks

## ESI P/N

Fits: SC-2 DX, SC-4 DX ESI Autosamplers

### 10 Position Micro Sample Rack

30mm diameter  
Fits 15mL & 30mL vials

MR-10-30  
(Fits: V-31-15, V-31-15F, V-31-30, V-31-30F)



### 21 Position Micro Sample Rack

12mm diameter  
Fits 1mL vials

MR-21-12-08  
(Fits: PFA-T12-M)

14mm diameter  
Fits 1mL, 2mL, & 4mL vials

MR-21-14  
(Fits: V-14-0311CG, V-14-0312CG,  
V-14-0314CG, VPC-14-0712)



### 40 Position Micro Sample Rack

14mm diameter  
Fits 1mL, 2mL, & 4mL vials

MR-40-14  
(Fits: V-14-0311CG, V-14-0312CG,  
V-14-0314CG, VPC-14-0712)

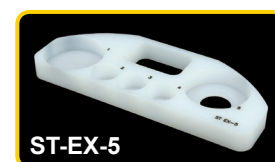
## Standards Racks

## ESI P/N

### 2 Position Extended Standards Rack

Fits: SC-2 DX, SC-4 DX ESI Autosamplers  
72mm diameter  
Fits 500mL bottles. Mounts on SC-DX rinse station.

ST-EX-72  
(Fits: V-73-0292)



### 5 Position Extended Standards Rack

Fits: SC-2 DX, SC-4 DX ESI Autosamplers  
60mm diameter  
Fits 50mL & 250mL vials. Mounts on SC-DX rinse station.

ST-EX-5  
(Fits: V-28-0260, V-61-0660, V-61-0661)



### 9 Position Standards Rack for prepFAST

50mm diameter, fits SC-2 DX ESI autosamplers  
Fits 125mL standards

ST2-9-50  
(Fits: V-50-0360)

50mm diameter, fits SC-4 DX ESI autosamplers  
Fits 125mL standards

ST4-9-50  
(Fits: V-50-0360)



### 10 Position Standards Rack

Fits: SC-2 DX, SC-4 DX ESI Autosamplers  
28mm diameter  
Fits 20mL & 50mL vials

ST10-28  
(Fits: V-28-0360)

31mm diameter  
Fits 30mL & 60mL vials

ST10-31  
(Fits: V-31-30, V-31-30F,  
V-31-60, V-31-60F)



## Super SR2 Sample Racks

## ESI P/N

Fits: SC-2 DX ESI Autosamplers

### 12 Position Super Rack

50mm diameter  
Fits 125mL vials

SR2-12-50  
(Fits: V-50-0360)

### 21 Position Super Rack

27mm diameter  
Fits 25mL vials

SR2-21-27  
(Fits: V-27-0360)

30mm diameter  
Fits 15mL vials

SR2-21-30  
(Fits: V-31-15, V-31-15F)

### 27 Position Super Rack

28mm diameter  
Fits 20mL & 50mL vials

SR2-27-28  
(Fits: V-28-0360)

31mm diameter  
Fits 30mL & 60mL vials

SR2-27-31  
(Fits: V-31-30, V-31-30F,  
V-31-60, V-31-60F)

### 80 Position Super Rack

16mm diameter  
Fits 15mL vials

SR2-80-16  
(Fits: PFA-T16)



## Super SR4 Sample Racks

## ESI P/N

Fits: SC-2 DX, SC-4 DX ESI Autosamplers

### 60 Position Super Rack

14mm diameter  
Fits 1mL, 2mL, & 4mL vials

SR4-60-14  
(Fits: V-14-0311CG, V-14-0312CG,  
V-14-0314CG, VPC-14-0712)



## Large Sample Racks

## ESI P/N

Plastic large racks are recommended for aqueous samples.

Fits: SC-2 DX, SC-4 DX ESI Autosamplers

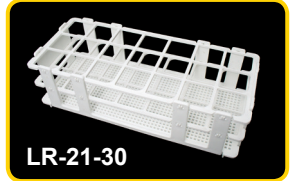
### 21 Position Large Sample Rack

30mm diameter

Fits 50mL vials

LR-21-30

(Fits: V-31-60, V-31-60F)



LR-21-30

### 60 Position Large Sample Rack

16mm diameter

Fits 15mL vials

LR-60-16

(Fits: PFA-T16)



LR-60-16

## Large Coated Metal Racks

## ESI P/N

Metal racks are coated with an epoxy paint that forms a protective barrier over the rack material.

Fits: SC-2 DX, SC-4 DX ESI Autosamplers

### 21 Position Large Coated Metal Rack

30mm diameter

Fits 50mL vials

LMR-21-30-R

(Fits: V-31-60, V-31-60F)



LMR-21-30-R

### 60 Position Large Coated Metal Rack

16mm diameter

Fits 15mL vials

LMR-60-16-R

(Fits: PFA-T16)



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