

CHEMWARE®

pfa closed top containers

From the Makers of
TYGON® Tubing

- narrow mouth bottles
- wide mouth bottles
- wash bottles
- carboys
- vials
- jars



- Inert and pure
- Hi/low temperatures
- Sterilizable and FDA/USP compliant
- Unbreakable, leak proof and easy to clean

www.LabPure.com

Chemware® PFA CONTAINERS provide unparalleled inertness. Available in seven styles, they are ideal for a wide range of demanding fluid handling and storage applications in general laboratory, semi-conductor, pharmaceutical and environmental industries.

Their unique characteristics arise from thoughtful design and use of only premium grade, virgin fluoropolymer raw materials (PFA bodies and PTFE lip seals). Fluoropolymers have an unmatched combination of chemical inertness, purity, heat resistance, low permeability, toughness and non-stick properties⁽¹⁾.

CHEMICAL AND BIOLOGICAL INERTNESS AND PURITY

Chemware® containers are affected by so few chemicals they are generally considered completely inert⁽¹⁾.

There are no plasticizers, additives, or processing aids used in the production of Chemware® PFA containers. They are 100% fluoropolymer and have ultra-low absorption, adsorption and extractable characteristics – in fact considered negligible in most applications. The PFA used for Chemware® containers exhibits the lowest metal ion content of all fluoropolymers.

⁽¹⁾ Learn more about chemical compatibility and fluoropolymer properties at our website - www.LabPure.com.

Narrow Mouth Containers provide easy and accurate pouring of liquid contents. The transparent body allows easy viewing of contents.

pfa graduated, narrow mouth bottles



Catalog No.	Volume ml.	Height (With Closure) mm.	Neck I.D. mm.	Capacity to Brim ml.	Body Diameter mm.
D1069068	100	101	16.5	126	48
D1069071	250	134	16.5	293	60
D1069072	500	170	16.5	561	72
D1069069	1000	203	25.5	1060	92
D1069786	2000	240	36.5	2080	125
D1069073	3000	270	36.5	3350	146
D1069074	5000	320	36.5	5500	172
D1069787	10000	350	36.5	10800	225

Molded-in graduated marks provide visual reference of content volume.

pfa narrow mouth wash bottles

Wash Bottles are highly flexible and incorporate a leakproof nozzle that can swivel 360 degrees without losing the cap. The small orifice tip allows users to accurately direct a stream or single drop of the contents.

Molded-in graduated marks provide visual reference of content volume.



Catalog No.	Volume ml.	Height (To top of straw) mm.	Neck I.D. mm.	Capacity to Brim ml.	Body Diameter mm.
D1069064	100	160	16.5	126	48
D1069066	250	205	16.5	320	60
D1069067	500	290	16.5	580	72
D1069065	1000	320	25.5	1081	92

pfa wide mouth wash bottles



Catalog No.	Volume ml.	Height (To top of straw) mm.	Neck I.D. mm.	Capacity to Brim ml.	Body Diameter mm.
D1069739	100	160	25.5	151	48
D1069740	250	205	25.5	300	60
D1069741	500	290	34	515	72
D1069742	1000	320	36.5	1076	92

NOTE: Since Wash Bottles will dispense their contents with only slight pressure, do not use them for hazardous materials or heat them with any content.

pfa large volume carboys



Catalog No.	Volume liters	Height (With Closure) mm.	Neck I.D. mm.	Body Diameter mm.
D1069730	10	375	40.5	230
D1069731	20	420	40.5	305
D1069732	30	525	40.5	320

Excellent for bulk media and chemical storage, for example HPLC mobile phases. Because of their heavy wall they are not as clear as Chemware® bottles. They are translucent and liquid content level is discernable inside.

All dimensions shown in this brochure are nominal. Slight variations in molded items are normal.

USABLE OVER A WIDE TEMPERATURE RANGE

Chemware® PFA containers are tough and naturally flexible from cryogenic applications at -196°C (-320°F) to above 205°C (400°F). They can withstand short term excursions to the 260°C (500°F) range (for example in a sterilization or depyrogenation cycles⁽²⁾). In addition, they are microwave safe⁽²⁾.

Chemware® Bottles and Carboys incorporate an exclusive PTFE inner seal, which maintains a leak-resistant seal over temperature extremes. Chemware® bottles are great for cryogenic storage of biological products.

REGULATORY COMPLIANT MATERIALS AND STERILIZABLE

Chemware® PFA bottles, jars and carboys can be sterilized via autoclave⁽²⁾ or chemical means. All surfaces are biologically inert and the materials of construction are compliant with regulatory guidelines pertinent to FDA/USP and similar applications. Their smooth inner walls and radii minimize opportunities for biological contamination hang-up. There are no processing aids used in their production and they are free of animal origin constituents.

TOUGH, SAFE AND REUSABLE

Chemware® containers are safer than glass because they are unbreakable over the full temperature range and do not heat-shock. Virtually nothing sticks to their surface, and they are non-protein-binding and easy to clean with traditional cleaning agents. When necessary very strong or aggressive cleaning and decontamination agents can be used because the bottles are completely inert⁽³⁾.

⁽²⁾ If using heat/steam to autoclave, make sure the cap is loosely placed on the bottle to avoid dangerous pressure build-up. Use similar precautions if using any container in a microwave.

⁽³⁾ Only use non-abrasive agents to avoid damage to Chemware® containers.

Wide Mouth Containers are useful for highly viscous or dry contents, such as powders. The transparent body allows easy viewing of contents.

pfa graduated, wide mouth bottles



Catalog No.	Volume ml.	Height (With Closure) mm.	Neck I.D. mm.	Capacity to Brim ml.	Body Diameter mm.
D1069589	20	60	16.5	26	27
D1069590	100	105	25.5	150	48
D1069591	250	137	25.5	311	60
D1069592	500	174	34	564	72
D1069593	1000	207	36.5	1100	92

Molded-in graduated marks provide visual reference of content volume.

Straight Sided Jars

have very large openings and are particularly well-suited for bulk solids, powders and pastes – or when the user needs to dip articles inside.

They have knurled tops for sure grip and easy opening and closing. The 2.2L version accommodated EPA TLCP soil samples (40CFR Part 261 et. al.).

pfa straight sided jars

- Area for identification marking on the side of the jar
- Stackable
- Ideal for storing digestion samples



Catalog No.	Volume ml.	Height (With Closure) mm.	Cap O.D./ Body O.D./ Opening mm.	Capacity to Brim ml.
D1069024	60	47	59/49/44	65
D1069025	120	53	76/66/61	130
D1069027	240	94	76/66/61	248
D1069029	360	88	95/85/80	375
D1069030	480	112	95/85/80	500
D1069031	1000	147	117/105/99	1100
D1069706	2000	268	117/105/99	-
D1069743	2200	294	117/105/99	-

pfa small volume vials

- Open top screw caps (6mm hole) with PTFE/silicone septa seal
- Supplied in sets of ten with a handy polypropylene storage tray



Catalog No.	Volume ml.	Height (With Closure) mm.	Cap O.D./ Body O.D./ Opening mm.	Capacity to Brim ml.
D1069046	5	32	27/21/17	7
D1069047	7	36	27/21/17	9
D1069048	15	40	36/29/25	19
D1069049	30	70	36/29/25	33
Catalog No.	Replacement Septa ml	Fits		
D1069082	5	5 & 7 ml. vials		
D1069084	7	15 & 30 ml. vials		

about pfa

PFA, FEP and PTFE are fluoropolymers and are simply the most universally inert materials available. Based on 50+ years of fluoropolymer processing we select the best raw material for each product.

Saint-Gobain Performance Plastics is the world's leading producer of engineered, high performance polymer products. Our core competency lies in our process technologies ... technologies that transform difficult-to-process materials into useful products for industry. These materials include fluoropolymers - PTFE, PFA and FEP, as well as silicone rubber and a range of other high performance engineered polymers. Our tradition of excellence goes back more than 300 years through our parent company, Compagnie de Saint-Gobain, one of the world's top 100 industrial corporations, with operations in more than 40 countries. This successful corporation has been built with the single purpose of serving the customer and a commitment to quality and leadership in each of the industries served.



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