

PFA Trace Analysis Labware

Properties

VITLAB® trace analysis labware from BrandTech® Scientific is manufactured from PFA (a perfluoroalkoxy copolymer), which is highly resistant to heat and chemical contamination and has surface properties that greatly simplify cleaning. Use this labware for excellent results in ICP-MS, production and storage of trace analysis standards, isotope separations, sample digestions and more.

With the increasing need in trace analysis labs for ultra-low concentration determinations in the ng/g (ppb) and pg/g (ppt) range, the use of PFA labware has become more and more important. Other materials, when not specially treated, may be subject to interaction between the vessel and the sample, standards or reagents it contains. This may cause incorrect results with modern trace analysis instrumentation.

All BrandTech® VITLAB® PFA trace analysis labware features visible, accurate, and permanent graduations for precise measuring. PFA Labware is suitable for sterilization using heat, gas, and chemical methods for handling sensitive biological solutions. BrandTech® also offers corrosion-resistant PFA (Technical Grade) with small amounts of pre-consumer high-quality recycled PFA, for customers who need only the chemical resistance of PFA. See page 113.

Performing Trace Analysis?

See the new BRAND Dispensette® TA bottle-top dispenser for Trace Analysis on page 37.

Excellent Temperature Stability: BrandTech®'s VITLAB® PFA trace analysis labware maintains its stability in temperatures from -200°C to 250°C (-328°F to 482°F).

No Leachable Metals: PFA is manufactured without metals such as calcium, aluminum, iron, magnesium, nickel, copper, manganese or zinc. These metals can leach into samples from other containers, and contaminate samples.

Simplified Cleaning: Conventional labware for trace analysis requires time-consuming and expensive cleaning. The hydrophobic and anti-adhesive properties of the exceptionally smooth-surfaced PFA labware simplify the cleaning process, making it ideal for trace analysis.

Superior Chemical Resistance: PFA is inert with most reagents, including the nitric and hydrochloric acid routinely used in cleaning trace analysis labware. This stability significantly reduces the risk of cross-contamination.

Excellent Long-Term Stability: PFA containers often extend the stability of low (ppb) concentration standards. Such stability reduces the time and cost of renewing trace analysis standard solutions.

Highly Translucent: Translucency is important for making accurate measurements using volumetric labware.

Please see page 126 for description of various plastics.

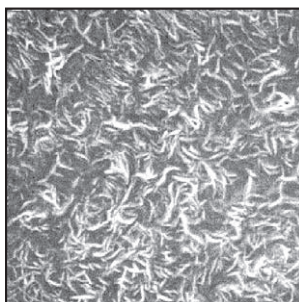
VITLAB 

VITLAB® PFA Labware: Pure, Cleanable, Rugged.

Scanning electron microscopy illustrates the advantages of PFA in trace analysis. (Magnification: 8000X)

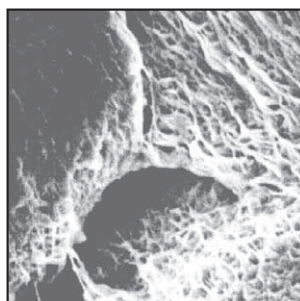
Bottle – HDPE

Scanning electron microscopy of this bottle wall shows the roughness of HDPE. The increased surface area of HDPE can lead to carryover of reagent molecules.



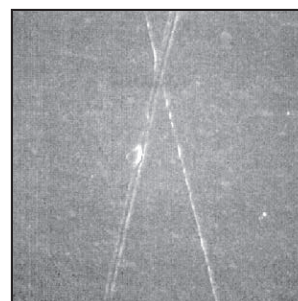
Beaker – PTFE

Similar to HDPE, electron micrographs of this beaker reveal a typically rough surface that can interact with reagent molecules and complicate cleaning.



Evaporating dish – PFA

Even at 8000x magnification, the surfaces of this PFA evaporating dish are very smooth. It is this smoothness, combined with PFA's hydrophobic, anti-adhesive and inert properties, that simplify cleaning.



PFA Trace Analysis Labware



Low-Form Griffin Beakers, PFA

- Molded graduations are easy to read and resistant to wear from repeated use.
- Nesting design conserves bench and storage space.
- Autoclavable, easy to clean, withstand temperatures from -200°C to 250°C.
- Meets the requirements of ISO 7056.

ORDERING INFORMATION

Volume mL	Grad mm	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
25	5	50	32	1	V110205	\$34.00
50	10	59	39	1	V110305	43.00
100	20	72	50	1	V110405	61.00
250	50	96	67	1	V110605	100.00
500	100	122	88	1	V110905	152.00
1000	100	141	109	1	V111005	273.00



Volumetric Flasks with Screw Caps, PFA

- Flasks feature individually calibrated ring-markings.
- Durable markings are easy to read. Limit cleaning temperature to 60°C (140°F) to preserve ring mark.
- High-transparency simplifies meniscus verification.
- PFA screw caps help protect against outside contamination and leakage.
- Meets Class A tolerances per DIN EN ISO 1042.
- Easy to clean. Autoclavable at 121°C (250°F) without affecting tolerances.

ORDERING INFORMATION

Volume mL	Tolerance mL	Height mm	Thread GL	Qty./Pack	Cat. No.	2014 List Price
10	0.04	90	18	1	V107097	\$231.00
25	0.04	115	18	1	V107197	232.00
50	0.06	150	18	1	V107297	237.00
100	0.10	180	18	1	V107397	293.00
250	0.15	235	25	1	V107497	368.00
500	0.25	270	25	1	V107597	424.00



Evaporating Dishes, PFA with Snap on Lid, PE

- Evaporating dishes are autoclavable, easy to clean, and withstand temperatures from -200°C to 250°C. Lid is not autoclavable.

ORDERING INFORMATION

Volume mL	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
25	25	50	1	V103297	\$77.00
50	54	50	1	V103397	103.00

PFA Trace Analysis Labware



Wide Mouth Reagent Bottles with Screw Caps, PFA

- Leach-resistant bottles for long-term storage of solvents and standards.
- PFA screw caps have a molded sealing ring for a positive seal.
- Autoclavable, easy to clean, withstand temperatures from -200°C to 250°C.

ORDERING INFORMATION

Volume mL	Height mm	Diameter mm	Thread	Qty./Pack	Cat. No.	2014 List Price
250	150	61	S40	1	V109497	\$196.00
500	179	76	S40	1	V109597	271.00
1000	217	96	S40	1	V109697	376.00
2000	245	130	S40	1	V109797	775.00



Narrow Mouth Reagent Bottles with Screw Caps, PFA

- Leach-resistant bottles for long-term storage of solvents and standards.
- PFA screw caps have a molded sealing ring for a positive seal.
- Autoclavable, easy to clean, withstand temperatures from -200°C to 250°C.

ORDERING INFORMATION

Volume mL	Height mm	Diameter mm	Thread	Qty./Pack	Cat. No.	2014 List Price
50	86	37	S28	1	V109297	\$113.00
100	120	45	S28	1	V109397	161.00
250	160	61	S28	1	V108297	187.00
500	190	76	S28	1	V108397	256.00
1000	240	96	S28	1	V108497	353.00



Round Bottom Flasks, PFA

- For rotary evaporators and distillation of high-purity chemicals.
- With 29/32 ground socket.
- Translucent surfaces simplify solvent monitoring.
- Autoclavable, easy to clean, withstand temperatures from -200°C to 250°C.
- Maximum temperature under vacuum is 50°C (122°F).

ORDERING INFORMATION

Volume mL	Height mm	Neck mm	Diameter	Qty./Pack	Cat. No.	2014 List Price
100	117	29/32	65	1	V107797	\$153.00
250	147	29/32	88	1	V107897	180.00
500	177	29/32	107	1	V107997	246.00

PFA Trace Analysis Labware



Sample Containers with Screw Cap, PFA

- For sample collection, transport and storage.
- Supplied with a PFA screw cap.
- Autoclavable, easy to clean, withstand temperatures from -200°C to 250°C.

ORDERING INFORMATION

Volume mL	Height mm	Diameter mm	Thread GL	Qty./Pack	Cat. No.	2014 List Price
30	54	38	40	1	V130297	\$73.00
60	90	38	40	1	V130397	88.00
90	62	54	56	1	V130497	68.00
180	112	54	56	1	V130597	123.00



Narrow Neck Reagent Bottles with Screw Cap, PFA, Technical Grade

- For sample collection, transport and storage.
- Supplied with a ETFE screw cap.
- Autoclavable, easy to clean, withstand temperatures from -200°C to 250°C.
- Offers the full chemical resistance of PFA, but may not be suited for trace analysis applications.

ORDERING INFORMATION

Volume mL	Thread GL	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
50	18	90	37	1	V108092	\$63.00
100	18	114	45	1	V108192	84.00
250	25	157	61	1	V108292	138.00
500	25	189	76	1	V108392	198.00
1000	32	233	96	1	V108492	272.00

Volumetric Labware and Containers

ORDERING INFORMATION

Volume, mL	Tolerance +/-mL	Grad mm	Height mm	Diameter mm	Qty./ Pack	Cat. No.	2014 List Price
Class A Graduated Cylinders, PMP, Certified							
10	0.10	0.20	145	15	2	V64614	\$23.00
25	0.25	0.50	169	21	2	V64714	24.00
50	0.50	1.00	200	27	2	V64814	25.00
100	0.50	1.00	250	33	2	V64914	34.00
250	1.00	2.00	315	44	2	V65014	53.00
500	2.50	5.00	360	58	1	V65114	43.00
1000	5.00	10.00	440	69	1	V65214	62.00
2000	10.00	20.00	482	97	1	V65414	100.00

- Glass-clear tall-form cylinders calibrated "to contain" Class A per DIN 12681 and ISO 6706.
- Molded graduations with red screened overprint for legibility.
- Imprinted lot and year; supplied certificate includes mean test value and lot.
- Autoclaving at 121°C will not cause permanent exceeding of tolerance limits.

Class A Graduated Cylinders, PMP, Certified

10	0.10	0.20	145	15	2	V64604	18.00
25	0.25	0.50	169	21	2	V64704	18.00
50	0.50	1.00	200	27	2	V64804	19.00
100	0.50	1.00	250	33	2	V64904	26.00
250	1.00	2.00	315	44	2	V65004	40.00
500	2.50	5.00	360	58	1	V65104	41.00
1000	5.00	10.00	440	69	1	V65204	60.00
2000	10.00	20.00	482	97	1	V65304	98.00

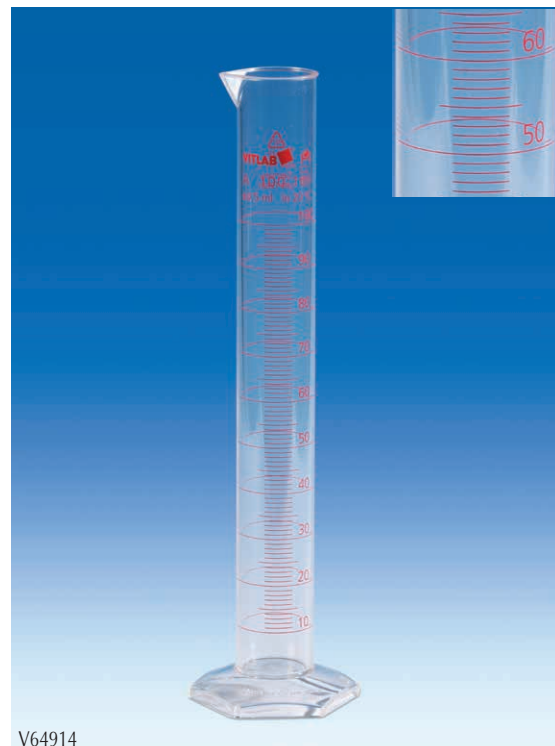
- Glass-clear tall-form cylinders calibrated "to contain" Class A per DIN 12681 and ISO 6706.
- Molded graduations with ring marks at major increments.
- Imprinted lot and year; supplied certificate includes mean test value and lot.
- Autoclaving at 121°C will not cause permanent exceeding of tolerance limits.



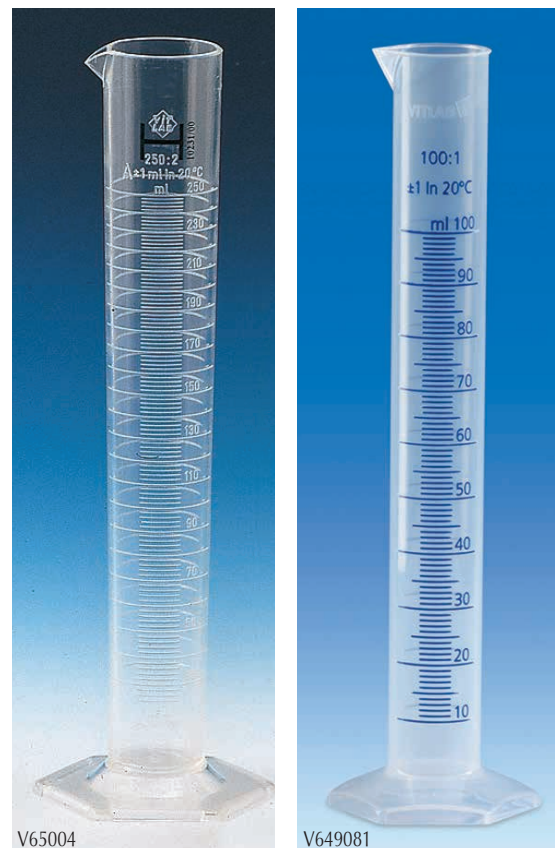
Class B Graduated Cylinders, PP

10	0.20	0.20	145	15	12	V646081	55.00
25	0.50	0.50	170	22	12	V647081	65.00
50	1.00	1.00	200	27	12	V648081	79.00
100	1.00	1.00	250	33	12	V649081	96.00
250	2.00	2.00	315	44	6	V650081	72.00
500	5.00	5.00	360	58	6	V651081	99.00
1000	10.00	10.00	440	69	6	V652081	136.00
2000	20.00	20.00	482	97	3	V653081	122.00

- Highly translucent tall-form cylinders calibrated "to contain" Class B per DIN 12681 and ISO 6706.
- Molded graduations, with blue screened overprint for legibility.
- Hexagonal base resists rolling.
- Temperatures of 60°C must not be exceeded (including cleaning) to maintain accuracy and preserve overprint.



V64914



V65004

V649081



VITLAB® Volumetric Labware and Containers

ORDERING INFORMATION

Volume mL	Tolerance +/-mL	Grad mL	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
Class B Graduated Cylinders, PP							
10	0.20	0.20	145	15	12	V646941	\$43.00
25	0.50	0.50	170	22	12	V647941	54.00
50	1.00	1.00	200	27	12	V648941	60.00
100	1.00	1.00	250	33	12	V649941	75.00
250	2.00	2.00	315	44	6	V650941	51.00
500	5.00	5.00	360	58	6	V651941	68.00
1000	10.00	10.00	440	69	6	V652941	95.00
2000	20.00	20.00	482	97	3	V653941	90.00

- Highly translucent tall-form cylinders calibrated "to contain" Class B per DIN 12681 and ISO 6706.
- Molded graduations, with ring marks at major increments.
- Hexagonal base resists rolling.
- Temperatures of 60°C must not be exceeded (including cleaning) to maintain accuracy and preserve overprint.



Class B Graduated Cylinders, SAN

10	0.20	0.20	140	16	12	V64691	55.00
25	0.50	0.50	169	21	12	V64791	64.00
50	1.00	1.00	199	28	12	V64891	79.00
100	1.00	1.00	260	34	12	V64991	105.00
250	2.00	2.00	315	47	6	V65091	78.00
500	5.00	5.00	350	61	6	V65191	106.00
1000	10.00	10.00	415	76	6	V65291	137.00
2000	20.00	20.00	482	97	3	V65391	128.00

- Ring-molded graduations at major increments simplify measurement.
- Class B per DIN 12681 and ISO 6706.
- Hexagonal base resists rolling.



Short-form Graduated Cylinders, SAN

25	0.5	0.5	122	22	12	V64091	68.00
50	1.0	1.00	142	27	12	V64191	88.00
100	2.0	2.00	163	37	12	V64291	99.00
250	5.0	5.00	192	51	6	V64391	73.00
500	10.0	10.00	218	67	6	V64491	103.00
1000	20.0	20.00	285	78	6	V64591	128.00

- Short-form design increases stability to help prevent spills.
- Circular base.
- Cylinders are clear with molded graduations for easy measurement.



Short-form Graduated Cylinders, PP

25	0.5	0.50	122	22	12	V640941	46.00
50	1.0	1.00	142	27	12	V641941	64.00
100	2.0	2.00	163	37	12	V642941	74.00
250	5.0	5.00	192	51	6	V643941	54.00
500	10.0	10.00	218	67	6	V644941	77.00
1000	20.0	20.00	285	78	6	V645941	102.00

- Short-form design increases stability to reduce spills.
- Circular base.



Please see page 126 for description of various plastics.



VITLAB® Volumetric Labware and Containers

ORDERING INFORMATION

Volume mL	Tolerance +/-mL	Height mm	Thread GL	Qty./Pack	Cat. No.	2014 List Price
Class A Light-Shielding Volumetric Flasks, PMP, with Screw Cap, PP, Certified						
10	0.04	90	18	2	V670040	\$ 53.00
25	0.04	115	18	2	V671040	75.00
50	0.06	150	18	2	V672040	84.00
100	0.10	180	18	2	V673040	90.00
250	0.15	235	25	2	V674040	109.00
500	0.25	270	25	2	V675040	142.00
1000	0.40	310	32	1	V676040	87.00

- Superior light protection to amber glass at most wavelengths.*
- Meets Class A tolerances per DIN EN ISO 1042.
- Supplied with imprinted lot number, batch certificate.

Volume mL	Tolerance +/-mL	Height mm	Stopper NS	Qty./Pack	Cat. No.	2014 List Price
Class A Light-Shielding Volumetric Flasks, PMP, with NS Stopper, PP, Certified						
10	0.04	90	10/19	2	V670950	\$53.00
25	0.04	115	10/19	2	V671950	75.00
50	0.06	150	12/21	2	V672950	84.00
100	0.10	180	14/23	2	V673950	90.00
250	0.15	235	19/26	2	V674950	109.00
500	0.25	270	19/26	2	V675950	142.00
1000	0.40	310	24/29	1	V676950	87.00

- Superior light protection to amber glass at most wavelength.*
- Meets Class A tolerances per DIN EN ISO 1042.
- Supplied with imprinted lot number, batch certificate.

Class A Volumetric flasks, PMP, with NS Stopper, PP, Certified

Volume mL	Tolerance +/-mL	Height mm	Stopper NS	Qty./Pack	Cat. No.	2014 List Price
10	0.04	90	10/19	6	V67704	98.00
25	0.04	115	10/19	6	V67104	98.00
50	0.06	150	12/21	6	V67204	124.00
100	0.10	180	14/23	6	V67304	141.00
250	0.15	235	19/26	5	V67404	149.00
500	0.25	270	19/26	4	V67504	123.00
1000	0.40	310	24/29	3	V67604	110.00

- Individually adjusted ring-marked flasks are Class A per DIN EN ISO 1042.
- Imprinted with lot number; certificate included.
- Autoclaving at 121°C will not cause permanent exceeding of tolerance limits.
- Temperatures of 60°C must not be exceeded during cleaning to preserve marks and inscriptions.

Class B Volumetric Flasks, PMP, with NS Stopper, PP

Volume mL	Tolerance +/-mL	Height mm	Stopper NS	Qty./Pack	Cat. No.	2014 List Price
10	0.08	90	10/19	6	V67795	75.00
25	0.08	115	10/19	6	V67195	83.00
50	0.12	150	12/21	6	V67295	103.00
100	0.20	180	14/23	6	V67395	117.00
250	0.30	235	19/26	5	V67495	125.00
500	0.50	270	19/26	4	V67595	105.00
1000	0.80	310	24/29	3	V67695	92.00

- Individually adjusted ring-marked flasks are Class B per DIN EN ISO 1042.
- Autoclaving at 121°C will not cause permanent exceeding of tolerance limits.
- Temperatures of 60°C must not be exceeded during cleaning to preserve marks and inscriptions.



V673040



V673950

* More information at www.brandtech.com.



V67304



V67395

VITLAB® Volumetric Labware and Containers



ORDERING INFORMATION

Volume mL	Tolerance +/-mL	Height mm	Stopper NS	Qty./Pack	Cat. No.	2014 List Price
Class B Volumetric Flasks, PP, with NS Stopper, PP						
10	0.08	90	10/19	6	V677941	\$71.40
25	0.08	115	10/19	6	V671941	71.00
50	0.12	150	12/21	6	V672941	71.00
100	0.20	180	14/23	6	V673941	79.00
250	0.30	235	19/26	5	V674941	73.00
500	0.50	270	19/26	4	V675941	68.00
1000	0.80	310	24/29	3	V676941	65.00

- Individually adjusted ring-marked flasks are Class B per DIN EN ISO 1042.*

Volume mL	Tolerance +/-mL	Height mm	Thread GL	Qty./Pack	Cat. No.	2014 List Price
Class B Volumetric Flasks, PMP, with Screw Caps, PP						
10	0.08	90	18	6	V677895	\$82.00
25	0.08	115	18	6	V671895	82.00
50	0.12	150	18	6	V672895	104.00
100	0.20	180	18	6	V673895	117.00
250	0.30	235	25	5	V674895	111.00
500	0.50	270	25	4	V675895	106.00
1000	0.80	310	32	3	V676895	92.00

- Individually adjusted ring-marked flasks are Class B per DIN EN ISO 1042.*
- Autoclaving at 121°C will not cause permanent exceeding of tolerance limits.



Class B Volumetric Flasks, PP, with Screw Caps, PP

10	0.08	90	18	6	V677891	72.00
25	0.08	115	18	6	V671891	73.00
50	0.12	150	18	6	V672891	84.00
100	0.20	180	18	6	V673891	89.00
250	0.30	235	25	5	V674891	98.00
500	0.50	270	25	4	V675891	87.00
1000	0.80	310	32	3	V676891	75.00

- Individually adjusted ring-marked flasks are Class B per DIN EN ISO 1042.*

Volume mL	Increment mL	Thread GL	Stopper NS	Qty./Pack	Cat. No.	2014 List Price
Erlenmeyer Flasks, PP, with Screw Caps, PP						
50	10	40	34/35	6	V666941	\$41.00
100	20	40	34/35	6	V667941	47.00
250	50	52	45/40	6	V668941	62.60
500	100	52	45/40	6	V669941	74.00
1000	200	52	45/40	4	V670941	71.00

- Wide neck flasks made from highly translucent polypropylene.
- Flask neck also accommodates NS stoppers (not included).



* Temperatures of 60°C must not be exceeded (including cleaning) to preserve marks and inscriptions.

Please see page 126 for description of various plastics.

VITLAB®

VITLAB® Volumetric Labware and Containers

ORDERING INFORMATION

Volume mL	Grad mL	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
Griffin Beakers, PP						
10	2	35	25	12	V605081	\$22.40
25	5	50	34	12	V606081	22.40
50	10	60	42	12	V607081	23.40
100	20	70	50	12	V608081	28.00
150	20	80	60	12	V609081	38.00
250	50	95	70	6	V610081	20.40
400	100	111.5	79	6	V611081	27.00
500	100	117.5	85	6	V618081	29.60
600	100	126.5	91	6	V612081	30.00
800	100	136	98	6	V613081	37.00
1000	100	147	106	6	V614081	41.00
2000	200	187	132	6	V615081	82.00
3000	200	212	151.5	4	V616081	99.00
5000	500	247	180	4	V617081	126.00

- Molded graduations with blue screened overprint for legibility.
- Meets the requirements of ISO 7056.



Griffin Beakers, PP

25	5	50	34	12	V606941	22.00
50	10	60	42	12	V607941	23.00
100	20	70	50	12	V608941	27.00
150	20	80	60	12	V609941	37.00
250	50	95	70	6	V610941	19.00
400	100	111.5	79	6	V611941	26.00
500	100	117.5	85	6	V618941	28.00
600	100	126.5	91	6	V612941	29.00
1000	100	147	106	6	V614941	40.00
2000	200	187	132	6	V615941	81.00
3000	200	212	151.5	4	V616941	98.00
5000	500	247	180	4	V617941	125.00

- Molded graduations for durability.
- Meets the requirements of ISO 7056.



Griffin Beakers, PMP

10	2	35	25	12	V60503	31.00
25	5	50	34	12	V60603	31.00
50	10	60	42	12	V60703	39.00
100	20	70	50	12	V60803	48.00
150	20	80	60	12	V60903	63.00
250	50	95	70	6	V61003	33.00
400	100	111.5	79	6	V61103	48.00
500	100	117.5	85	6	V61803	51.00
600	100	126.5	91	6	V61203	55.00
800	100	136	98	6	V61303	77.00
1000	100	147	106	6	V61403	80.00
2000	200	187	132	6	V61503	138.00
3000	200	212	151	4	V61603	150.00
5000	500	247	180	4	V61703	201.00

- Molded graduations with red screened overprint for legibility.



VITLAB® Volumetric Labware and Containers



ORDERING INFORMATION

Volume mL	Grad mL	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
Griffin Beakers, PMP						
25	5	50	34	12	V60695	\$30.00
50	10	60	42	12	V60795	38.00
100	20	70	50	12	V60895	47.00
150	20	80	60	12	V60995	62.00
250	50	95	70	6	V61095	32.00
400	100	111.5	79	6	V61195	47.00
500	100	117.5	85	6	V61895	50.00
600	100	126.5	91	6	V61295	54.00
1000	100	147	106	6	V61495	79.00
2000	200	187	132	6	V61595	137.00
3000	200	212	151.5	4	V61695	149.00
5000	500	247	180	4	V61795	200.00

- Molded graduations for durability
- Meets the requirements of ISO 7056



Griffin Beakers, ETFE

25	5	50	32	1	V110204	16.00
50	10	59	39	1	V110304	18.40
100	20	72	50	1	V110404	26.00
250	50	96	67	1	V110604	49.00
400	50	109	77	1	V110704	59.00
500	100	122	88	1	V110904	66.60
600	100	125	91	1	V110804	82.00
1000	100	143	105	1	V111004	128.00

- Beakers are translucent with black graduations for legibility.

Please see page 126 for description of various plastics.

VITLAB®

VITLAB® Volumetric Labware and Containers

ORDERING INFORMATION

Volume mL	Grad mL	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
Graduated Pitchers, PP						
50	2	70	40	24	V446941	\$45.00
100	2	80	50	24	V447941	60.00
250	5	120	70	12	V440941	52.00
500	10	133	91	12	V441941	55.00
1000	10	170	116	6	V442941	41.00
2000	20	215	150	6	V443941	62.00
3000	50	242	170	6	V444941	82.00
5000	100	270	210	6	V445941	170.00

- Translucent with molded graduations.



Graduated Pitchers, PP

50	2	70	40	24	V446081	60.00
100	2	80	50	24	V447081	68.00
250	5	120	70	12	V440081	59.00
500	10	133	91	12	V441081	66.00
1000	10	170	116	6	V442081	45.00
2000	20	215	150	6	V443081	80.00
3000	50	242	170	6	V444081	107.00
5000	100	270	210	6	V445081	171.00

- Translucent with blue screened molded graduations.



Graduated Pitchers, SAN

250	5	120	70	12	V44091	59.00
500	10	133	91	12	V44191	78.00
1000	10	170	116	6	V44291	57.00
2000	20	215	150	6	V44391	104.00
3000	50	242	170	6	V44491	131.00

- A safer, more durable alternative to glass pitchers.
- Transparent with molded graduations.



Nesting Graduated Pitchers, PP

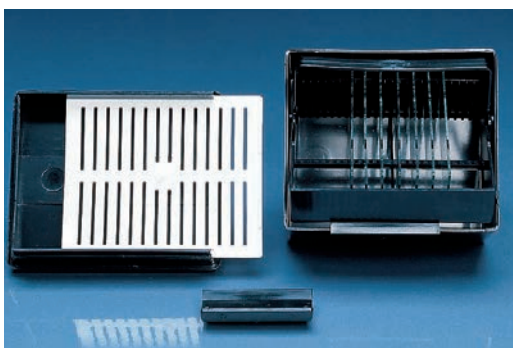
250	5	115	75	12	V480941	52.00
500	10	140	100	12	V481941	55.00
1000	10	167	125	12	V482941	87.00
2000	20	212	148	12	V483941	162.00
3000	50	242	170	12	V484941	219.00

- Nesting design conserves bench space and simplifies storage.
- Graduations are printed with screening for easy, accurate measurements.



Please see page 126 for description of various plastics.

VITLAB[®] General Laboratory Products



ORDERING INFORMATION

Length, mm	Qty./Pack	Cat. No.	2014 List Price
Forceps, PMP with pointed ends			
115	10	V67895	\$27.00
145	10	V67995	32.00

Forceps, POM with rounded ends

115	5	V68099	12.60
145	5	V68199	15.20
180	5	V68299	28.60
250	5	V68399	45.00

Volume mL	Length mm	Qty./Pack	Cat. No.	2014 List Price
Measuring Scoops, PP volume marked on handle				
2	60	12	V39194	\$6.20
5	82	12	V39294	7.60
10	100	12	V39394	10.00
25	135	12	V39494	10.40
50	160	12	V39594	20.00
100	200	12	V39694	26.00
250	260	6	V39794	33.00
500	315	6	V39894	46.00
1000	385	6	V39994	57.00



Measuring Scoops, HDPE

15	115	12	V40093	11.00
25	135	12	V40193	16.20
65	185	12	V40293	21.00
110	215	12	V40393	30.00
150	250	12	V40493	35.00
350	310	6	V40593	34.00
750	350	6	V40693	56.00
1250	400	6	V40793	78.00



Description	Size mm	Height mm	Qty./Pack	Cat. No.	2014 List Price
Slide Staining Kit, POM					
Universal Slide Staining Kit	100 x 87	51	5	V99099	\$175.00
Staining Jar	100 x 87	51	5	V99199	126.00
Staining Rack	91 x 79	38	10	V99299	100.00

- Universal Kit V99099 includes one staining jar and staining rack.

VITLAB 

Please see page 126 for description of various plastics.

VITLAB® General Laboratory Products

ORDERING INFORMATION

Diameter mm	Approx vol. mL	Length mm	Stem Diameter mm	Qty.	Cat. No.	2014 List Price
Funnels, PP						
30	5	45	1.5	24	V40894	\$20.00
30	6	47	4	24	V41094	20.00
40	14	65	4	24	V41194	23.60
50	32	85	7	24	V41294	30.00
75	88	110	6	12	V41394	19.00
100	222	155	8	12	V41494	36.00
120	342	180	11	12	V41594	45.00
150	817	220	15	12	V41694	60.00

- With volume markings.



Large Funnels, PP or HDPE

200 (PP)	1300	200	22	6	V41794	69.00
250 (PP)	3200	260	30	6	V41894	120.00
350 (PP)	12500	440	35	1	V41994	42.00
400 (HDPE)	12500	365	42	1	V42294	107.00
430 (HDPE)	17500	420	37	1	V42393	142.00

- HDPE Large Funnels V42294 and V42393 come with handle.



Powder Funnels, PP

65	68	15	10	V70794	25.60
80	75	21	10	V70894	37.00
100	94	22	10	V70994	39.00
120	110	26	10	V71094	48.00
150	138	28	5	V71194	31.00



Volume	Height mm	Diameter mm	Qty.	Cat. No.	2014 List Price
Sample Vials, PP, with snap caps, LDPE					
5	25	20	25	V68594	\$46.00
12	37	22	25	V68794	54.00
18	57	22	25	V68894	59.00
50	97	30	10	V69194	30.60
160	110	50	10	V69294	35.80



Volume mL	Height mm	Diameter mm	Thread GL	Qty./pack	Cat. No.	2014 List Price
Sample Vials, PP, with screw caps, PP						
60	90	38	40	10	V130394	\$106.00
90	62	54	56	10	V130494	132.00
180	112	54	56	10	V130594	155.00



VITLAB® General Laboratory Products

**ORDERING INFORMATION**

Volume mL	Thread GL	Diameter mm	Height mm	Qty./Pack	Cat. No.	2014 List Price
Dropping Bottles, LDPE with dropper screw cap						
50	18	37	117	24	V94587	\$65.00
100	18	43	142	24	V94687	73.00
250	25	58	183	12	V94987	54.00
500	25	74	228	12	V95087	71.00
1000	32	92	269	12	V95187	96.00



Volume mL	Stopper NS	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
Reagent Bottles, PP, with NS Stoppers, PP						
1000	29/32	213	108	10	V100694	\$92.00
5000	45/40	325	178	1	V100894	31.00

- NS stoppers help prevent leakage.
- Bottle V100894 includes handle.



Volume mL	Thread GL	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
Reagent Bottles, PP, with Screw Caps, PP						
100	18	100	52	20	V100389	\$61.00
250	25	132	70	20	V100489	81.00
500	25	165	87	10	V100589	58.00
1000	32	202	108	10	V100689	77.00
2000	32	245	131	6	V100789	96.00
5000	45	315	178	1	V100889	28.00
10000	63	394	222	1	V100989	41.00

- Bottle V100889 includes handle.
- Bottle V100989 includes 2 handles.



Volume mL	Thread GL	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
Wide Mouth Reagent Bottles, PP, with Screw Caps, PP						
100	32	96	55	20	V101589	81.00
250	45	132	73	20	V101689	103.00
500	45	172	87	10	V101789	66.00
1000	63	204	108	10	V101889	119.00
2000	63	243	131	6	V101989	90.00

- Screw caps help protect against outside contamination and leakage.



Please see page 126 for description of various plastics.

VITLAB® General Laboratory Products

ORDERING INFORMATION

Volume mL	Thread GL	Height mm	Diameter mm	Qty./Pack	Cat. No.	2014 List Price
Bottles, LDPE, with Screw Caps, PP						
50	18	73	37	24	V94589	\$62.00
100	18	95	43	24	V94689	66.00
250	25	135	58	12	V94989	46.00
500	25	180	74	12	V95089	66.00

- Screw caps help protect against outside contamination and leakage.



Wide Mouth Bottles LDPE, with Screw Caps, PP

250	45	146	58	12	V93789	53.00
500	45	166	76	12	V93989	73.00
1000	63	226	91	12	V94189	104.00

- Screw caps help protect against outside contamination and leakage.



Volume mL	Thread GL	Height mm	Size mm	Qty./Pack	Cat. No.	2014 List Price
Square Bottles, HDPE, with Screw Caps, PP						
100	25	76	43 x 43	24	V91789	\$74.00
250	28	80	80 x 80	24	V91989	99.00
500	32	106	90 x 90	12	V92089	66.00
1000	32	187	80 x 80	12	V92189	90.00

- Screw caps help protect against outside contamination and leakage.

Wide Mouth Square Bottles, HDPE, with Screw Caps, PP

100	32	78	46 x 46	24	V92489	98.00
250	50	83	80 x 80	24	V92689	111.60
500	65	120	90 x 90	12	V92789	83.00
1000	65	168	90 x 90	12	V92889	104.00

- Screw caps help protect against outside contamination and leakage.



Please see page 126 for description of various plastics.



VITLAB® General Laboratory Products



Bucket, PP



Bucket, HDPE



ORDERING INFORMATION

Volume L	Height mm	Diameter mm	Qty./ Pack	Cat. No.	2014 List Price
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Buckets, PP, with Handles, Pouring Lips, and Graduations.

12	330	310	1	V96694	\$47.00
15	370	310	1	V96794	53.00



Buckets, HDPE, with Handles

Buckets

5	240	250	1	V96093	23.40
10	300	290	1	V96393	28.00

Lids, PP

for 5L Bucket	-	-	1	V96293	6.20
for 10L Bucket	-	-	1	V96593	7.20

Imhoff Sedimentation Cones, SAN

1000			1	388000	25.00
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- Transparent.
- Graduated to 1000mL.
- Screw closure allows drainage.
- Stand not included.

VITLAB® Custom Imprinting

VITLAB® has specialized capabilities in high-precision printing on plastic products with superior chemical and break resistance. Many VITLAB® products can be imprinted with logos or custom graduations for OEM or promotional use in relatively small quantities. Custom imprinted VITLAB® products are ideal for handling granulates, powders or liquids commonly used in agriculture, laboratories, chemical, food and beverage industries. From multi-color logos to specialized measuring scales VITLAB® can imprint plastic labware to meet your individual requirements and specifications. Custom imprinted labware by VITLAB® is of the highest quality and offers a unique and functional means of presenting your company brand. Beakers, pitchers and scoops can also be made in colored plastic.

Additionally, many products are available individually-wrapped sterile, for those concerned about the efficiency or effectiveness of cleaning protocols. Contact BrandTech® Scientific for more information.

