

# General Laboratory Products

## ORDERING INFORMATION

Length mm	Qty./Pack	Cat. No.	2009 List Price
<b>Forceps, PMP</b>			
115	10	V67895	\$23.00
145	10	V67995	27.40



### Forceps, PMP

- With pointed ends.

## Forceps, POM

115	5	V68099	10.90
145	5	V68199	13.10
180	5	V68299	25.20
250	5	V68399	39.50



### Forceps, POM

- With rounded ends.

## ORDERING INFORMATION

Volume mL	Length mm	Qty./Pack	Cat. No.	2009 List Price
<b>Measuring Scoops, PP</b>				
2	60	12	V39194	\$5.50
5	82	12	V39294	6.50
10	100	12	V39394	8.70
25	135	12	V39494	9.00
50	160	12	V39594	17.50
100	200	12	V39694	22.00
250	260	6	V39794	29.00
500	315	6	V39894	41.00
1,000	385	6	V39994	50.00



### Measuring Scoops, PP

- Volume marked on handle.

## Measuring Scoops, HDPE

15	115	12	V40093	9.80
25	135	12	V40193	14.20
65	185	12	V40293	18.60
110	215	12	V40393	26.00
150	250	12	V40493	30.50
350	310	6	V40593	29.50
500	350	6	V40693	49.00
1000	400	6	V40793	69.00



### Measuring Scoops, HDPE

## ORDERING INFORMATION

Volume mL	Size mm	Height mm	Qty./Pack	Cat. No.	2009 List Price
<b>Slide Staining Kit, POM</b>					
Universal Slide Staining Kit	100 x 87	51	5	V99099	\$156.00
Staining Jar	100 x 87	51	5	V99199	112.00
Staining Rack	91 x 79	38	10	V99299	89.00



### Slide Staining Kit, POM

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

Please see page 115 for description of various plastics.

# by VITLAB



## ORDERING INFORMATION

Diameter mm	Length mm	Stem Dia. mm	Qty./Pack	Cat. No.	2009 List Price
<b>Funnels, PP</b>					
30	47	2	24	V40894	\$17.50
30	47	5	24	V41094	17.50
40	65	5	24	V41194	20.80
50	85	9	24	V41294	26.30
75	110	10	12	V41394	16.40
100	155	13	12	V41494	31.80
120	180	14	12	V41594	39.50
150	222	17	12	V41694	53.80



### Funnels, PP

- With volume markings.

### Large Funnels, PP

### Large Funnels, PP

200	200	22	6	V41794	61.00
250	260	30	6	V41894	106.00
350	440	35	1	V41994	36.00

### Powder Funnels, PP

65	68	16	10	V70794	21.90
80	75	22	10	V70894	31.80
100	94	23	10	V70994	34.00
120	110	27	10	V71094	41.70
150	138	29	5	V71194	26.00



### Powder Funnels, PP

## ORDERING INFORMATION

Volume mL	Height mm	Diam. mm	Qty./Pack	Cat. No.	2009 List Price
<b>Sample Vials, PP, with Push-on Caps, LDPE</b>					
5	25	20	25	V68594	\$30.60
8	37	20	25	V68694	47.20
12	37	22	25	V68794	48.30
18	57	22	25	V68894	52.70
28	52	30	10	V68994	21.90
35	67	30	10	V69094	25.20
50	97	30	10	V69194	27.40
160	110	50	10	V69294	31.80



### Sample Vials, PP, with Caps

- With LDPE caps.

### Sample Containers, PP, with Screw Caps, PP

30	54	38	10	V130294	76.00
60	90	38	10	V130394	94.00
90	62	54	10	V130494	117.00
180	112	54	10	V130594	138.00



### Sample Containers, PP, with Caps

- With PP screw caps.

Please see page 115 for description of various plastics.

## VITLAB® General Laboratory Products

### ORDERING INFORMATION

Volume mL	Thread GL	Diam. mm	Qty./Pack	Cat. No.	2009 List Price
<b>Dropping Bottles, LDPE</b>					
50	18	37	24	V94587	\$58.00
100	18	43	24	V94687	64.00
250	25	58	12	V94987	48.00
500	25	74	12	V95087	63.50
1,000	32	92	12	V95187	84.60



### Dropping Bottles, LDPE

- Supplied with dropper screw cap.

### ORDERING INFORMATION

Volume mL	Stopper	Height mm	Diam. mm	Qty./Pack	Cat. No.	2009 List Price
<b>Reagent Bottles, PP, with Stoppers</b>						
100	14/23	106	52	20	V100394	\$62.00
250	19/26	138	70	20	V100494	90.00
500	24/29	172	87	10	V100594	57.00
1,000	29/32	213	108	10	V100694	81.00
2,000	29/32	255	131	6	V100794	96.00
5,000	45/40	325	1	V100894	27.00	



### Reagent Bottles, PP, with Stoppers

- With STJ stoppers.
- Bottle V100894 includes handle.

### Wide-Mouth Reagent Bottles, PP, with Stoppers

100	29/32	111	55	20	V101594	92.00
250	34/35	144	73	20	V101694	113.00
500	45/40	183	87	10	V101794	76.00
1,000	60/46	214	108	10	V101894	132.00
2,000	60/46	263	131	6	V101994	94.00



### Wide-Mouth Reagent Bottles, PP, with Stoppers

- With STJ stoppers.

### ORDERING INFORMATION

Volume mL	Thread GL	Height mm	Diam. mm	Qty./Pack	Cat. No.	2009 List Price
<b>Bottles, PP, with Screw Caps</b>						
100	18	100	52	20	V100389	\$54.00
250	25	132	70	20	V100489	72.00
500	25	165	87	10	V100589	51.00
1,000	32	202	108	10	V100689	68.00
2,000	32	245	131	6	V100789	84.00
5,000	45	315	178	1	V100889	24.00
10,000	63	394	222	1	V100989	36.00



### Bottles, PP, with Screw Caps

- With PP screw caps.

### Wide-Mouth Reagent Bottles, PP, with Screw Caps

100	32	96	55	20	V101589	72.00
250	45	132	73	20	V101689	91.00
500	45	172	87	10	V101789	59.00
1,000	63	204	108	10	V101889	106.00
2,000	63	243	131	6	V101989	79.00



### Wide-Mouth Reagent Bottles, PP, with Screw Caps

- With PP screw caps.

Please see page 115 for description of various plastics.

### ORDERING INFORMATION

Volume mL	Thread GL	Height mm	Diam. mm	Qty./Pack	Cat. No.	2009 List Price
--------------	--------------	--------------	-------------	-----------	----------	--------------------

#### Bottles, LDPE, with Screw Caps

10	11	42	22	24	V94389	\$31.80
20	11	59	24	24	V94489	34.00
50	18	73	37	24	V94589	54.80
100	18	95	43	24	V94689	59.00
250	25	135	58	12	V94989	40.50
500	25	180	74	12	V95089	59.00
1,000	32	215	92	12	V95189	76.80

#### Wide-Mouth Bottles LDPE, with Screw Caps

50	32	87	39	24	V93389	69.00
100	32	94	47	24	V93489	76.80
250	45	133	58	12	V93789	47.00
500	45	151	76	12	V93989	64.80
1,000	63	196	91	12	V94189	92.00

#### Square Bottles, LDPE, with Screw Caps

100	18	82	41 x 41	24	V91789	65.90
150	18	93	47 x 47	24	V91889	78.00
250	25	110	55 x 55	24	V91989	87.80
500	25	133	70 x 70	12	V92089	59.00
1,000	32	166	87 x 87	12	V92189	79.00

#### Wide-Mouth Square Bottles, LDPE, with Screw Caps

100	32	82	41 x 41	24	V92489	\$87.80
250	45	110	55 x 55	24	V92689	98.80
500	45	133	70 x 70	12	V92789	73.60
1,000	63	166	87 x 87	12	V92889	92.00

#### Bottles, PFA (Technical Grade), with Screw Caps

50	18	90	37	1	V108092	47.00
100	18	114	45	1	V108192	62.00
250	25	157	61	1	V108292	102.00
500	25	189	76	1	V108392	146.00
1,000	32	233	96	1	V108492	201.00



#### Bottles, LDPE, with Screw Caps

- With PP screw caps.



#### Wide-Mouth Bottles LDPE, with Screw Caps

- With PP screw caps.



#### Square Bottles, LDPE, with Screw Caps

- With LDPE screw caps.



#### Wide-Mouth Square Bottles, LDPE, with Screw Caps

- With LDPE screw caps.



#### Bottles, Technical Grade PFA, with Screw Caps

- With ETFE screw caps.

Please see page 115 for description of various plastics.

## VITLAB® General Laboratory Products

### ORDERING INFORMATION

Volume mL	Thread GL	Height mm	Qty./Pack	Cat. No.	2009 List Price
<b>Wash Bottles, PE-LD, unlabeled</b>					
50	18	37	24	V94588	\$108.50
100	18	43	24	V94688	109.50
250	25	58	12	V94988	71.30
500	25	74	12	V95088	86.80
1,000	32	92	12	V95188	104.00



**Wash Bottles, PE-LD,  
unlabeled**

### ORDERING INFORMATION

Thread GL	Qty./Pack	Cat. No.	2009 List Price
<b>Screw Caps, PP</b>			
18	24	V83310	\$20.80
25	12	V83311	9.80
32	12	V83312	10.90
40	12	V83315	17.50
45	12	V83313	14.00
52	12	V83316	21.90
56	12	V83317	23.00
63	12	V83314	24.00



**Screw Caps, PP**

### Dropper Screw Caps, HDPE

18	24	V83306	26.00
25	12	V83307	13.00
32	12	V83308	16.40



**Dropper Screw Caps, HDPE**

### ORDERING INFORMATION

Volume liters	Height mm	Diam. mm	Qty./Pack	Cat. No.	2009 List Price
<b>Buckets, PP, with Handles and Pouring Lips</b>					
12	330	310	1	V96694	\$41.50
15	370	310	1	V96794	47.00



**Buckets, PP, with  
Handles and  
Pouring Lips**

- Graduated

### Bucket, HDPE, with Handles

<b>Buckets</b>					
5	240	250	1	V96093	20.80
10	300	290	1	V96393	25.00

### Lids, PP

for 5L Bucket	-	-	1	V96293	5.40
for 10L Bucket	-	-	1	V96593	6.50

### ORDERING INFORMATION

Volume mL	Qty./Pack	Cat. No.	2009 List Price
<b>Imhoff Sedimentation Cones, SAN</b>			
1000	1	388000	\$22.00



**Imhoff Sedimentation  
Cones**

- Transparent
- Graduated to 1000mL
- Screw cap allows drainage.

# Plastics Reference



	Suitable for Microwaves	Suitable for Autoclaving	Transparency	Max. Operating Temp. (°C)	Brittleness Temp (°C)	Density (g/cm <sup>3</sup> )
<b>ECTFE</b>	Yes	Yes	Translucent	150	-100	1.70
<b>HDPE</b>	Yes	No	Translucent	105	-50	0.95
<b>LDPE</b>	Yes	No	Translucent	80	-50	0.92
<b>PC</b>	Yes	Yes*	Transparent	125	-130	1.20
<b>PFA</b>	Yes	Yes	Translucent	250	-270	2.15
<b>PMP</b>	Yes	Yes	Transparent	150	0	0.83
<b>POM</b>	No	Yes*	Opaque	130	-40	1.42
<b>PP</b>	Yes	Yes	Translucent	125	0	0.90
<b>SAN</b>	No	No	Transparent	70	-40	1.03

\*Frequent autoclaving may reduce mechanical stability. "Autoclaving" refers to steam sterilization at 250°F/121°C at 15 PSIG for 20 minutes.

<b>+</b> Excellent chemical resistance	<b>0</b> Good to limited resistance	<b>-</b> Poor chemical resistance
Continuous exposure to the substance does not cause damage within 30 days. The plastic may remain resistant for years.	Continuous exposure to the substance causes minor damages, some of which is reversible, within 7-30 days (e.g., swelling, softening, decrease of mechanical strength, discoloration).	Not suitable for continuous medium exposure to the substance. Immediate damage may occur (loss of mechanical strength, deformation, discoloration, cracking, dissolution).

## Chemical resistance of plastics to classes of substances at 20°C

	SAN	PC	POM	PMP	LDPE	HDPE	PP	ECTFE	PFA
Alcohols, aliphatic	+	+	+	+	+	+	+	+	+
Ether	-	-	+	-	0	0	0	+	+
Aldehydes	-	0	0	0	+	+	+	+	+
Ester	-	-	-	0	0	0	0	+	+
Hydrocarbons, aliphatic	-	0	+	0	0	+	+	+	+
Hydrocarbons, aromatic	-	-	+	-	0	+	0	+	+
Hydrocarbons, halogenated	-	-	+	-	0	0	0	+	+
Ketones	-	-	+	0	0	0	0	0	+
Alkalis	+	-	+	+	+	+	+	+	+
Acids, strong or concentrated	-	-	-	+	+	+	+	+	+
Acids, weak or diluted	0	0	-	+	+	+	+	+	+
Oxidizing acids, oxidizing agents	-	-	-	-	-	-	-	+	+

## Abbreviations of the described plastics to DIN 7728

<b>SAN</b>	Styrene Acrylonitrile Copolymer	<b>PMP</b>	Polymethylpentene
<b>PMMA</b>	Polymethylmethacrylate	<b>ECTFE</b>	Ethylene-chlorotrifluoroethylene copolymer
<b>PC</b>	Polycarbonate	<b>FEP</b>	Perfluoroethylene-propylene copolymer
<b>POM</b>	Polyoxymethylene	<b>PFA</b>	Perfluoroalkoxy copolymer
<b>LDPE</b>	Low density Polyethylene		
<b>HDPE</b>	High density Polyethylene		
<b>PP</b>	Polypropylene		

Many VITLAB® products can be imprinted with logos or custom graduations for OEM or promotional use in relatively small quantities. 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.

The recommendations listed here are based on technical literature and information provided by the manufacturers of raw materials. They were prepared carefully and are intended to inform and advise. However, they cannot replace suitability testing performed by the user under actual working conditions.