



Volumetric flasks, PFA, Class A, with screw cap, PFA



Highly transparent.

Ring mark individually calibrated to 'In'.

Class A tolerances according to DIN EN ISO 1042.

The PFA screw cap guards against contamination.

Outstanding chemical resistance, can be used with strong oxidants, highly concentrated acids and alkalis, hydrocarbons, and ketones.

With laser-engraved lot number and batch certificate. Thermal stress up to 121 °C (autoclaving) does not permanently exceed the tolerance limit.

To preserve the ring mark, do not clean at temperatures exceeding 60 °C.

Also available with DAkkS calibration certificate or individual quality certificate.

The advantages of PFA:

- Long-term maintenance of low-concentration reference materials in PFA containers
- No memory effects
- Practically no carryover, no cross-contamination due to the extremely hydrophobic, anti-adhesive and smooth surfaces
- High thermal stability, from -200 °C to +260 °C
- Chemical inertness against nearly all chemicals
- Good transparency and dimensional stability, suitable for volumetric instruments
- Easy to clean
- Use of high purity raw materials

Further information on PFA can be found starting on page 130.

Volume ml	Tolerance ± ml	Height* mm	Thread GL	PU	Cat. No.
10	0.04	90	18	1	107097
25	0.04	115	18	1	107197
50	0.06	150	18	1	107297
100	0.10	180	18	1	107397
250	0.15	235	25	1	107497
500	0.25	270	25	1	107597

* Height without screw cap

Replacement screw caps
can be found on page 105.

Compare: VITLAB® volumetric flasks ...

- ... have a circular, precisely calibrated ring mark with which the meniscus can be read accurately from any position
- ... have a straight neck for precise volume measurement
- ... have a specially formed bottom for superior stability

... are MADE IN GERMANY

Volume measurement

VITLAB® opaque volumetric flasks, PMP, Class A with NS stoppers, PP



UV-absorbing, highly transparent. For storage of light-sensitive substances.

With ring mark individually calibrated to 'In'.

Class A tolerances according to DIN EN ISO 1042.

With printed lot number and batch certificate.

Thermal stress up to 121 °C (autoclaving) does not permanently exceed the tolerance limit.

To preserve markings, cleaning at no higher than 60 °C is recommended.

Also available with DAkkS calibration certificate or individual quality certificate.

Volume ml	Tolerance ± ml	Height* mm	Neck NS	PU	Cat. No.
10	0.04	90	10/19	2	670950
25	0.04	115	10/19	2	671950
50	0.06	150	12/21	2	672950
100	0.10	180	14/23	2	673950
250	0.15	235	19/26	2	674950
500	0.25	270	19/26	2	675950
1000	0.40	310	24/29	1	676950

* Height without stopper



Replacement stoppers
can be found on page 112.

VITLAB® opaque replaces brown glass
and is...

- ... substantially lighter in weight
- ... practically unbreakable
- ... practically impermeable in the UV region
- ... comparable to a light protection factor of 20

VITLAB® opaque volumetric flasks, PMP, Class A, with coloured screw caps, PP



UV-absorbing, highly transparent. For storage of light-sensitive substances.

With ring mark individually calibrated to 'In'.

Class A tolerances according to DIN EN ISO 1042.

With printed lot number and batch certificate.

Thermal stress up to 121 °C (autoclaving) does not permanently exceed the tolerance limit.

To preserve markings, cleaning at no higher than 60 °C is recommended.

Also available with DAkkS calibration certificate or individual quality certificate.

Volume ml	Tolerance ± ml	Height* mm	Thread GL	PU	Cat. No.
10	0.04	90	18	2	670040
25	0.04	115	18	2	671040
50	0.06	150	18	2	672040
100	0.10	180	18	2	673040
250	0.15	235	25	2	674040
500	0.25	270	25	2	675040
1000	0.40	310	32	1	676040

* Height without screw cap



Replacement screw caps
can be found on page 107.



Volumetric flasks, PMP, Class A with NS stoppers, PP



Crystal clear.

With ring mark individually calibrated to 'In'.

Class A tolerances according to DIN EN ISO 1042.

With printed lot number and batch certificate.

Thermal stress up to 121 °C (autoclaving) does not permanently exceed the tolerance limit.

To preserve markings, cleaning at no higher than 60 °C is recommended.

Also available with DAkkS calibration certificate or individual quality certificate.

Volume ml	Tolerance ± ml	Height* mm	Neck NS	PU	Cat. No.
10	0.04	90	10/19	6	67704
25	0.04	115	10/19	6	67104
50	0.06	150	12/21	6	67204
100	0.10	180	14/23	6	67304
250	0.15	235	19/26	5	67404
500	0.25	270	19/26	4	67504
1000	0.40	310	24/29	3	67604

* Height without stopper

→ Replacement stoppers
can be found on page 112.

Volume measurement

Volumetric flasks, PMP, Class B with NS stoppers, PP



Crystal clear.

With ring mark individually calibrated to 'In'.

Class B tolerances according to DIN EN ISO 1042.

Thermal stress up to 121 °C (autoclaving) does not permanently exceed the tolerance limit.

To preserve markings, cleaning at no higher than 60 °C is recommended.

Volume ml	Tolerance ± ml	Height* mm	Neck NS	PU	Cat. No.
10	0.08	90	10/19	6	67795
25	0.08	115	10/19	6	67195
50	0.12	150	12/21	6	67295
100	0.20	180	14/23	6	67395
250	0.30	235	19/26	5	67495
500	0.50	270	19/26	4	67595
1000	0.80	310	24/29	3	67695

* Height without stopper



→ Replacement stoppers can be found on page 112. →

Volumetric flasks, PMP, Class B with screw caps, PP



Crystal clear.

With ring mark individually calibrated to 'In'.

Class B tolerances according to DIN EN ISO 1042.

Thermal stress up to 121 °C (autoclaving) does not permanently exceed the tolerance limit.

To preserve markings, cleaning at no higher than 60 °C is recommended.

Volume ml	Tolerance ± ml	Height* mm	Thread GL	PU	Cat. No.
10	0.08	90	18	6	677895
25	0.08	115	18	6	671895
50	0.12	150	18	6	672895
100	0.20	180	18	6	673895
250	0.30	235	25	5	674895
500	0.50	270	25	4	675895
1000	0.80	310	32	3	676895

* Height without screw cap



→ Replacement screw caps can be found on page 107. →



Volumetric flasks, PP, Class B with NS stoppers, PP



Highly transparent.
 With ring mark individually calibrated to 'In'.
 Class B tolerances according to DIN EN ISO 1042.
 Thermal stress up to 60 °C does not permanently exceed the tolerance limits.
 To preserve markings, cleaning at no higher than 60 °C is recommended.

Volume ml	Tolerance ± ml	Height* mm	Neck NS	PU	Cat. No.
10	0.08	90	10/19	6	677941
25	0.08	115	10/19	6	671941
50	0.12	150	12/21	6	672941
100	0.20	180	14/23	6	673941
250	0.30	235	19/26	5	674941
500	0.50	270	19/26	4	675941
1000	0.80	310	24/29	3	676941

* Height without stopper

Replacement stoppers can be found on page 112.



Volumetric flasks, PP, Class B, with screw cap, PP



Highly transparent.
 With ring mark individually calibrated to 'In'.
 Class B tolerances according to DIN EN ISO 1042.
 Thermal stress up to 60 °C does not permanently exceed the tolerance limits.
 To preserve markings, cleaning at no higher than 60 °C is recommended.

Volume ml	Tolerance ± ml	Height* mm	Thread GL	PU	Cat. No.
10	0.08	90	18	6	677891
25	0.08	115	18	6	671891
50	0.12	150	18	6	672891
100	0.20	180	18	6	673891
250	0.30	235	25	5	674891
500	0.50	270	25	4	675891
1000	0.80	310	32	3	676891

* Height without screw cap

Replacement screw caps can be found on page 107.