



neuINDUSTRIES
SAFER • CLEANER • BETTER



Volumetric Flask



DIN
12600

DE-M



Volumetric Flask

Volumetric flasks made from Borosilicate 3.3 glass provide high chemical resistance and optical clarity, ensuring reliable performance and visibility. Each flask undergoes inspection using four stress viewers to guarantee quality and durability. Available in Class A and Class B standards, the flasks can include individual certificates with QR codes or batch certifications to suit various needs. Engineered for precision and performance, these flasks deliver consistent and accurate results in every application.

Features



Clear



Amber

Types of Glass



Type of Certifications



Features



Colour of Printed Markings



Standards



Types of Stoppers



PE Stopper



Hollow Glass Stopper



Penny Stopper



PTFE Stopper



Snap Cap

Volumetric Glassware

Our volumetric flasks, made from Borosilicate 3.3 glass, offer excellent chemical resistance for reliable use in laboratory settings. They are available in Class A and Class B standards, with the choice of individual certificates featuring QR codes or batch certifications to meet your requirements. Designed for precision, these flasks ensure consistent and accurate results in every application.

Quality Assurance

Tests & Checks

Measurement checks are carried out with gauges and calipers for all products produced in-house.



Glass stress-free

Five conveyor annealing lehrs are used to anneal all products, removing manufacturing stress from the glass to ensure durability and strength. Four stress viewers are installed at different locations throughout the process to maintain quality control.



Wall strength/thickness

Two thickness testers are used to test the thickness of glass products, ensuring compliance with ASTM/USP(DIN ISO 1042) standards, which guarantees safety and durability.



Optical Clarity

Optical clarity is verified for all products at 100%, with checks performed twice: first during production and then before packing for shipment.



Quality Assurance

Fit testing for joints

The taper of the cones and sockets is verified using gauges and taper test tools before further processing to ensure the joints are secure and free from leaks.



Vacuum testing of mating joints

Mating joints are tested under a vacuum to confirm that the taper is even and no leaks are present.



Print color adhesion test

The printed markings on the glass are tested for color adhesion through acid boiling, scratch, and tape peel-off tests.



Precision Calibration

The printed markings on the glass are tested for color adhesion through acid boiling, scratch, and tape peel-off tests.



Traceability (QR code) DE-M

For flasks with individual certification, Glassco collaborates with CaliberLIMS through its QR-LabGlass™ Smart Flask, which features unique scannable QR codes for streamlined traceability of certification. This integration allows users to quickly access, download, and print specific glassware certificates through CaliberLIMS software, simplifying the retrieval and maintenance of certification records while ensuring compliance and easing audit processes.

Personalize label
Integrated with CaliberLIMS

- Select
 - Colour
 - Label
 - Customization

1st Glassware Product
Integrated with CaliberLIMS

- CHECK
 - Authenticity
 - Usage
 - Alerts

1st in the World
QR-Coded Volumetric Flask

- Scan
- Certificate
- Calibration

INSTANT

Scan Here to Find Out More!

In Collaboration with CaliberLIMS



Ordering Information

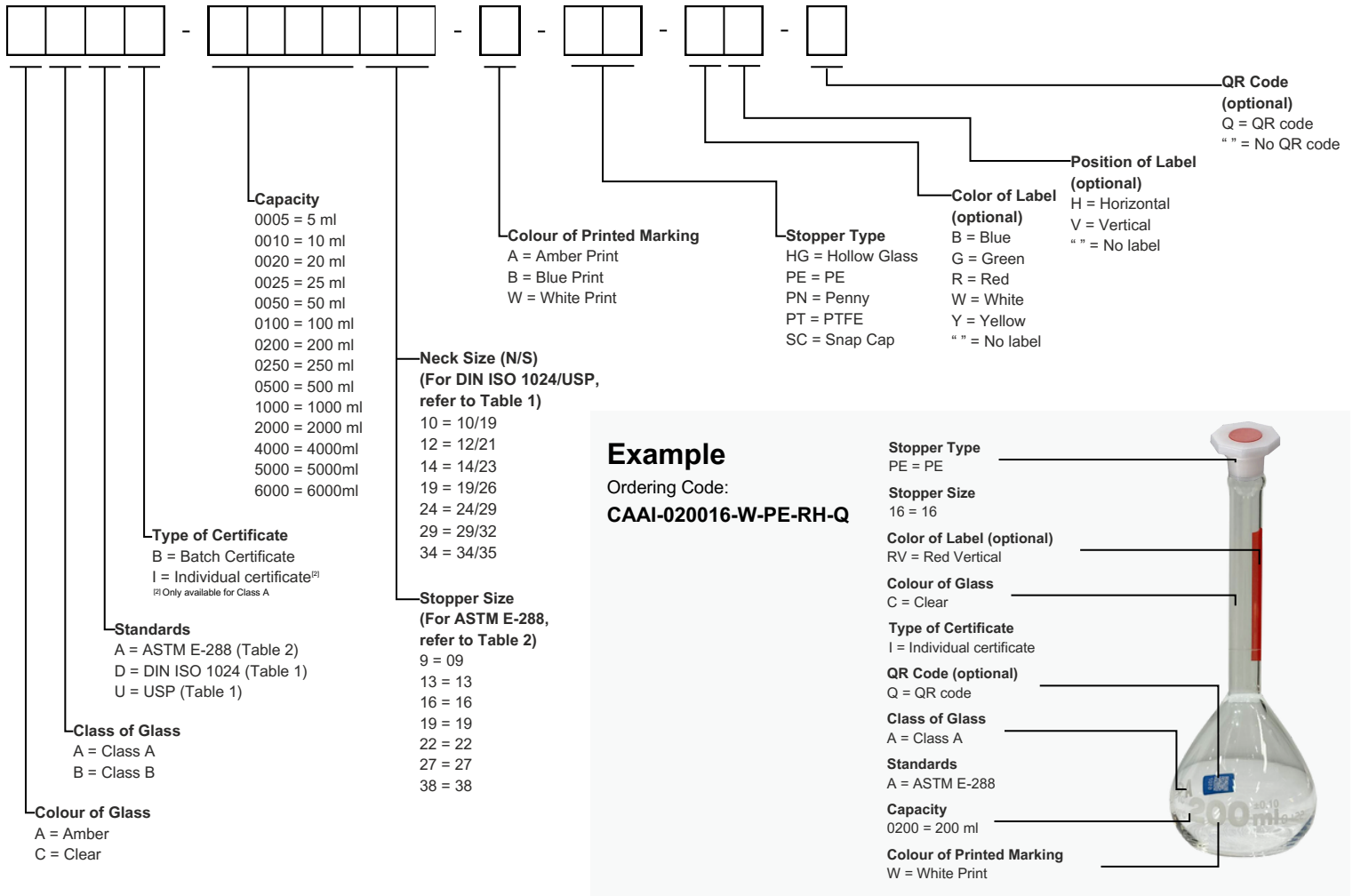


Table 1: Neck Size (N/S) for DIN ISO 1042/USP

S = Standard Size | W = Wide Mouth

Ordering Code	N/S	Capacity (ml)												
		5	10	20	25	50	100	200	250	500	1000	2000	5000	
10	10/19	S	S	S	S									
12	12/21					S	S							
14	14/23					W	W	S	S					
19	19/26									S				
24	24/29										S			
29	29/32											S		
34	34/35													S ⁽¹⁾

⁽¹⁾ Only applicable to DIN ISO 1042 standard

Table 2: Stopper Size for ASTM E-288

S = Standard Size | W = Wide Mouth

Ordering Code	Stopper Size	Capacity (ml)													
		5	10	20	25	50	100	200	250	500	1000	2000	4000	6000	
9	9	S	S	S	S	S									
13	13	W	W	W	W	W	S								
16	16						W	S	S						
19	19							W	W	S					
22	22										S				
27	27											S			
38	38												S	S	

Clear, Class A, Individual Certificate



Clear
Class A
Individual Certificate



Features

- Class A, Borosilicate 3.3 glass
- Compliant with DIN ISO 1042/USP/ASTM E-288
- With individual certificate
- Optional Individual printed QR code

Colour of Printed Markings



Stoppers Available



DIN ISO 1042 / USP

Capacity (ml)	N/S	Tolerance (±)		Pack Of
		DIN ISO 1042	USP	
5	10/19	0.04	0.02	1
10	10/19	0.04	0.02	1
20	10/19	0.04	0.03	1
25	10/19	0.04	0.03	1
50	12/21	0.06	0.05	1
50	14/23	0.10	0.05	1
100	12/21	0.10	0.08	1
100	14/23	0.10	0.08	1
200	14/23	0.15	0.10	1
250	14/23	0.15	0.12	1
500	19/26	0.25	0.15	1
1000	24/29	0.40	0.30	1
2000	29/32	0.60	0.50	1
5000	34/35	1.20	-	1

Refer to Page 5 for Ordering Information

ASTM E-288

Capacity (ml)	Stopper Size	Tolerance (±)	Pack Of
5	9	0.02	1
5	13(W)	0.08	1
10	9	0.02	1
10	13(W)	0.08	1
20	9*	0.03	1
20	13*(W)	0.08	1
25	9	0.03	1
25	13(W)	0.08	1
50	9	0.05	1
50	13(W)	0.08	1
100	13	0.08	1
100	16(W)	0.10	1
200	16	0.10	1
200	19(W)	0.20	1
250	16	0.12	1
250	19(W)	0.20	1
500	19	0.20	1
1000	22	0.30	1
2000	27	0.50	1
4000	38*	1.20	1
6000	38*	1.50	1

(W) = Wide Mouth

* = Non-ASTM

Refer to Page 5 for Ordering Information

Clear, Class A, Individual Certificate, Red Stripe



Features

- Class A, Borosilicate 3.3 glass
- Compliant with DIN ISO 1042/USP/ASTM E-288
- With individual certificate
- Optional Individual printed QR code

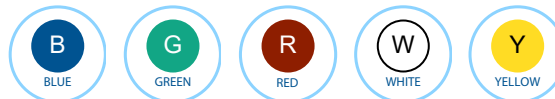
Colour of Printed Markings



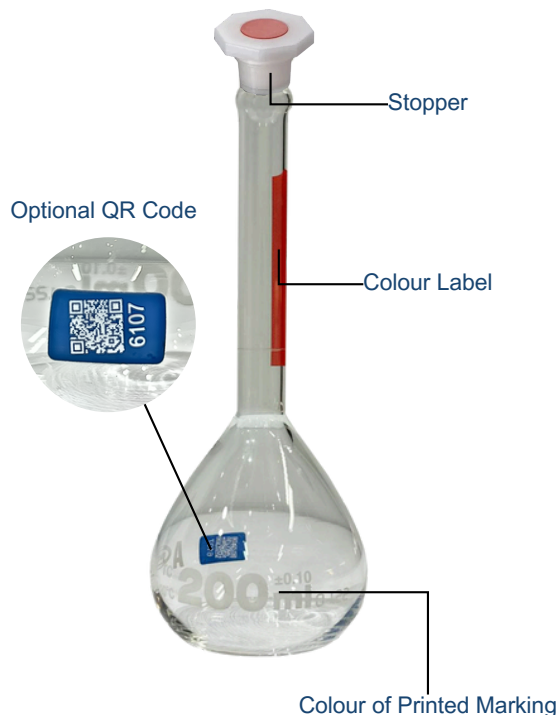
Stoppers Available



Colour Label Available



Position of label



DIN ISO 1042 / USP

Capacity (ml)	N/S	Tolerance (±)		Pack Of
		DIN ISO 1042	USP	
5	10/19	0.04	0.02	1
10	10/19	0.04	0.02	1
20	10/19	0.04	0.03	1
25	10/19	0.04	0.03	1
50	12/21	0.06	0.05	1
50	14/23	0.10	0.05	1
100	12/21	0.10	0.08	1
100	14/23	0.10	0.08	1
200	14/23	0.15	0.10	1
250	14/23	0.15	0.12	1
500	19/26	0.25	0.15	1
1000	24/29	0.40	0.30	1
2000	29/32	0.60	0.50	1
5000	34/35	1.20	-	1

Refer to Page 5 for Ordering Information

ASTM E-288

Capacity (ml)	Stopper Size	Tolerance (±)	Pack Of
5	9	0.02	1
5	13(W)	0.08	1
10	9	0.02	1
10	13(W)	0.08	1
20	9*	0.03	1
20	13*(W)	0.08	1
25	9	0.03	1
25	13(W)	0.08	1
50	9	0.05	1
50	13(W)	0.08	1
100	13	0.08	1
100	16(W)	0.10	1
200	16	0.10	1
200	19(W)	0.20	1
250	16	0.12	1
250	19(W)	0.20	1
500	19	0.20	1
1000	22	0.30	1
2000	27	0.50	1
4000	38*	1.20	1
6000	38*	1.50	1

(W) = Wide Mouth

* = Non-ASTM

Refer to Page 5 for Ordering Information

Clear

Class A

Individual Certificate

Red Stripe

Clear, Class A, Batch Certificate



Clear
Class A
Batch Certificate



Features

- Class A, Borosilicate 3.3 glass
- Compliant with USP (DIN ISO 1042), ASTM E-288
- With batch certificate

Colour of Printed Markings



Stoppers Available



DIN ISO 1042 / USP

Capacity (ml)	N/S	Tolerance (±)		Pack Of
		DIN ISO 1042	USP	
5	10/19	0.04	0.02	2
10	10/19	0.04	0.02	2
20	10/19	0.04	0.03	2
25	10/19	0.04	0.03	2
50	12/21	0.06	0.05	2
50	14/23	0.10	0.05	2
100	12/21	0.10	0.08	2
100	14/23	0.10	0.08	2
200	14/23	0.15	0.10	2
250	14/23	0.15	0.12	2
500	19/26	0.25	0.15	2
1000	24/29	0.40	0.30	2
2000	29/32	0.60	0.50	1
5000	34/35	1.20	-	1

Refer to Page 5 for Ordering Information

ASTM E-288 (For Snap Cap Only)

Capacity (ml)	Stopper Size	Tolerance (±)	Pack Of
50	9	0.05	2
100	13	0.08	2
200	16	0.10	2
250	16	0.12	2
500	19	0.20	2
1000	22	0.30	2
2000	27	0.50	1

Refer to Page 5 for Ordering Information

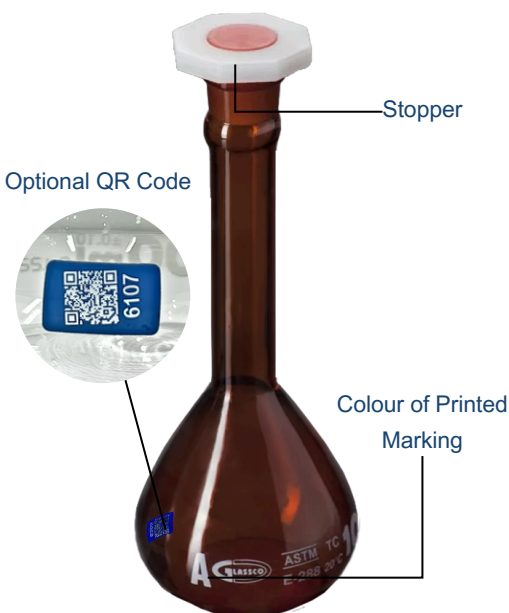
ASTM E-288

Capacity (ml)	Stopper Size	Tolerance (±)	Pack Of
1	8*	0.01	2
2	8*	0.01	2
5	9	0.02	2
5	13(W)	0.08	2
10	9	0.02	2
10	13(W)	0.08	2
20	9*	0.03	2
20	13*(W)	0.08	2
25	9	0.03	2
25	13(W)	0.08	2
50	9	0.05	2
50	13(W)	0.08	2
100	13	0.08	2
100	16(W)	0.10	2
200	16	0.10	2
200	19(W)	0.20	2
250	16	0.12	2
250	19(W)	0.20	2
500	19	0.20	2
1000	22	0.30	2
2000	27	0.50	1
4000	38*	1.20	1
6000	38*	1.50	1

(W) = Wide Mouth

* = Non-ASTM

Refer to Page 5 for Ordering Information



Features

- Class A, Borosilicate 3.3 glass
- Compliant with DIN ISO 1042/USP/ASTM E-288
- With individual certificate
- Optional Individual printed QR code

Colour of Printed Markings



Stoppers Available



DIN ISO 1042 / USP

Capacity (ml)	N/S	Tolerance (±)		Pack Of
		DIN ISO 1042	USP	
5	10/19	0.04	0.02	1
10	10/19	0.04	0.02	1
20	10/19	0.04	0.03	1
25	10/19	0.04	0.03	1
50	12/21	0.06	0.05	1
50	14/23	0.10	0.05	1
100	12/21	0.10	0.08	1
100	14/23	0.10	0.08	1
200	14/23	0.15	0.10	1
250	14/23	0.15	0.12	1
500	19/26	0.25	0.15	1
1000	24/29	0.40	0.30	1
2000	29/32	0.60	0.50	1

Refer to Page 5 for Ordering Information

ASTM E-288

Capacity (ml)	Stopper Size	Tolerance (±)	Pack Of
5	9	0.02	1
5	13(W)	0.08	1
10	9	0.02	1
10	13(W)	0.08	1
20	9*	0.03	1
20	13*(W)	0.08	1
25	9	0.03	1
25	13(W)	0.08	1
50	9	0.05	1
50	13(W)	0.08	1
100	13	0.08	1
100	16(W)	0.10	1
200	16	0.10	1
200	19(W)	0.20	1
250	16	0.12	1
250	19(W)	0.20	1
500	19	0.20	1
1000	22	0.30	1
2000	27	0.50	1

(W) = Wide Mouth

* = Non-ASTM

Refer to Page 5 for Ordering Information



Features

- Class A, Borosilicate 3.3 glass
- Compliant with USP (DIN ISO 1042), ASTM E-288
- With batch certificate

Colour of Printed Markings



Stoppers Available



DIN ISO 1042 / USP

Capacity (ml)	N/S	Tolerance (±)		Pack Of
		DIN ISO 1042	USP	
5	10/19	0.04	0.02	2
10	10/19	0.04	0.02	2
20	10/19	0.04	0.03	2
25	10/19	0.04	0.03	2
50	12/21	0.06	0.05	2
50	14/23	0.10	0.05	2
100	12/21	0.10	0.08	2
100	14/23	0.10	0.08	2
200	14/23	0.15	0.10	2
250	14/23	0.15	0.12	2
500	19/26	0.25	0.15	2
1000	24/29	0.40	0.30	2
2000	29/32	0.60	0.50	1

Refer to Page 5 for Ordering Information

ASTM E-288

Capacity (ml)	Stopper Size	Tolerance (±)	Pack Of
1	8*	0.01	2
2	8*	0.01	2
5	9	0.02	2
5	13(W)	0.08	2
10	9	0.02	2
10	13(W)	0.08	2
20	9*	0.03	2
20	13*(W)	0.08	2
25	9	0.03	2
25	13(W)	0.08	2
50	9	0.05	2
50	13(W)	0.08	2
100	13	0.08	2
100	16(W)	0.10	2
200	16	0.10	2
200	19(W)	0.20	2
250	16	0.12	2
250	19(W)	0.20	2
500	19	0.20	2
1000	22	0.30	2
2000	27	0.50	1

(W) = Wide Mouth

* = Non-ASTM

Refer to Page 5 for Ordering Information

Clear, Class B, Batch Certificate



Features

- Class B, Borosilicate 3.3 glass
- Compliant with DIN ISO 1042, ASTM E-288
- With batch certificate

Colour of Printed Markings



Stoppers Available



Colour of Printed Marking

DIN ISO 1042 / USP

Capacity (ml)	N/S	Tolerance (±)	Pack Of
5	10/19	0.08	2
10	10/19	0.08	2
20	10/19	0.08	2
25	10/19	0.08	2
50	12/21	0.12	2
50	14/23	0.20	2
100	12/21	0.20	2
100	14/23	0.20	2
200	14/23	0.30	2
250	14/23	0.30	2
500	19/26	0.50	2
1000	24/29	0.80	2
2000	29/32	1.20	1

ASTM E-288 (Only for Snap Cap)

Capacity (ml)	Stopper Size	Tolerance (±)	Pack Of
50	9	0.10	2
100	13	0.16	2
200	16	0.20	2
250	16	0.24	2
500	19	0.40	2
1000	22	0.60	2
2000	27	1.00	1

Refer to Page 5 for Ordering Information

Amber, Class B, Batch Certificate



Features

- Class B, Borosilicate 3.3 glass
- Compliant with DIN ISO 1042, ASTM E-288
- With batch certificate

Colour of Printed Markings



Stoppers Available



Colour of Printed Marking

DIN ISO 1042 / USP

Capacity (ml)	N/S	Tolerance (±)	Pack Of
5	10/19	0.08	2
10	10/19	0.08	2
20	10/19	0.08	2
25	10/19	0.08	2
50	12/21	0.12	2
50	14/23	0.20	2
100	12/21	0.20	2
100	14/23	0.20	2
200	14/23	0.30	2
250	14/23	0.30	2
500	19/26	0.50	2
1000	24/29	0.80	2
2000	29/32	1.20	1

Refer to Page 5 for Ordering Information

Polypropylene Volumetric Flask

- Made from durable, unbreakable polypropylene.
- Features excellent contact clarity.
- Autoclavable for sterilization.
- Equipped with leak-proof screw caps.
- Material: Polypropylene.



Capacity (ml)	Pack of	Item Code
25	6	PP-0025
50	6	PP-0050
100	6	PP-0100
250	2	PP-0250
500	2	PP-0500
1000	2	PP-1000



Bumper Guard for Volumetric Flask

Capacity (ml)	N/S	Pack of	Item Code
5-25	10/19	100	BU. 1019
50-100	12/21	100	BU. 1221
50-250	14/23	100	BU. 1423
500	19/26	100	BU. 1926
1000	24/29	50	BU. 2429

