

# Ampules

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### Cryule® Cryogenic Ampule

- For biological sample preservation in glass
- Allows for storage at low temperatures
- Made from low extractable borosilicate glass that conforms to USP Type I and ASTM E 438 Type I, Class A requirements
- Can be used in the vapor phase of liquid nitrogen
- Special design allows for storage at low temperatures as well as rapid thawing



Cat. No.	Size (mL)	Dia. x H (mm)	*OD at Top (mm)	Qty / Case
651463	1.2	11.8 x 58	5	144
W651469	5	16.5 x 98	8	293

\* Approximate OD

### Cryule® Cryogenic Ampule, Pre-scored

- For biological sample preservation in glass
- Pre-scored to eliminate filing
- Allows for storage at low temperatures
- Made from low extractable borosilicate glass that conforms to USP Type I and ASTM E 438 Type I, Class A requirements
- Can be used in the vapor phase of liquid nitrogen
- Special design allows for storage at low temperatures as well as rapid thawing



Cat. No.	Size (mL)	Dia. x H (mm)	*OD at Top (mm)	Qty / Case
651483	1.2	11.8 x 58	5	144
651486	2	11.5 x 70	5	144

\* Approximate OD

### Vacule® Lyophilization Ampule

- Ideal for small volume lyophilization samples
- Made from low extractable borosilicate glass that conforms to USP Type I and ASTM E 438 Type I, Class A requirements
- Heat or stopper sealed
- To stopper seal, use WHEATON Stopper W651450



Cat. No.	Description	Dia. x H (mm)	Qty / Case
W651446	2mL Vacule	12 x 86	567
W651450	11mm Gray Butyl Stopper	—	144

\* Approximate OD at top 10mm

### Vacule® Lyophilization Ampule, Pre-scored

- Ideal for small volume lyophilization samples
- Pre-scored for easy opening
- Made from low extractable borosilicate glass that conforms to USP Type I and ASTM E 438 Type I, Class A requirements
- Heat sealed only



Cat. No.	Size (mL)	Dia. x H (mm)	*OD at Top (mm)	Qty / Case
651502	1	10 x 108	10	144
W651506	2	11.8 x 122	11.75	567

\* Approximate OD

### Clear Ampule, Pre-scored

- Pre-scored to eliminate filing
- Made from low extractable borosilicate glass that conforms to USP Type I and ASTM E 438 Type I, Class A requirements
- Stems can be pull or tip sealed



Cat. No.	Size (mL)	Dia. x H (mm)	Qty / Case
176772	1	10.5 x 67	144
176776	2	12 x 75	144
176779	5	16.5 x 84	144
176780	10	19 x 107	144
176782	20	22.5 x 130	144

### Amber Ampule, Pre-scored

- Pre-scored to eliminate filing
- Made from amber borosilicate glass that conforms to USP Type I requirements for light transmission to protect light-sensitive products
- Stems can be pull or tip sealed



Cat. No.	Size (mL)	Dia. x H (mm)	Qty / Case
176792	1	10.5 x 67	144
176796	2	12 x 75	144
176799	5	16.5 x 84	144

### Ampule, Standard

- Commonly used for packaging certified standards
- Consistent with low background counts
- Made from low potassium borosilicate glass that conforms to USP Type I and ASTM E 438 Type I, Class A requirements



Cat. No.	Size (mL)	Dia. x H (mm)	Qty / Case
176759	7	17 x 95	25
176762	20	28 x 100	25

### Ampule Snapper, Disposable

- Protects against glass splinters
- Prevents cross contamination



Cat. No.	For Ampule Size	Qty / Case
177105	1 and 2mL	144