

GLASS SAMPLE


# VIALS


TLG<sup>®</sup> dram vials are manufactured from 51 expansion borosilicate glass confirming to USP type 1 and ASTM E438, type 1 class A, class B requirements. Available in clear & amber in large range of both tall and squat form sizes. Choose amber glass for protection of sensitive products.

Choose from wide varieties of black phenolic caps having:

1. Pulp foil liner
2. Rubber liner
3. Rubber liner having Teflon<sup>®</sup> coating.

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## Clear Glass Sample Vials with Rubber Lined Phenolic Screw Caps

- Clear screw thread sample vial.
- Closed-top black phenolic closure with white rubber liner (Packed Separately).
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements.
- Alternate and Replacement Caps are listed under Accessories and sold separately.



Catalog No.	Description	Cap Size	Pack Size	Price
CS-2102-058	Clear Glass Sample Vials with Rubber-Lined Black Phenolic Screw Caps, Capacity 1.8 mL, Approx O.D. x Height 12 x 35mm.	8-425	144	\$ 42.52
CS-2102-113	Clear Glass Sample Vials with Rubber-Lined Black Phenolic Screw Caps, Capacity 3.7 mL, Approx O.D. x Height 15 x 45mm.	13-425	144	\$ 36.34
CS-2102-1513	Clear Glass Sample Vials with Rubber-Lined Black Phenolic Screw Caps, Capacity 5.5 mL, Approx O.D. x Height 16 x 50mm.	13-425	144	\$ 51.12
CS-2102-215	Clear Glass Sample Vials with Rubber-Lined Black Phenolic Screw Caps, Capacity 7.4 mL, Approx O.D. x Height 17 x 60mm.	15-425	144	\$ 59.74
CS-2102-315	Clear Glass Sample Vials with Rubber-Lined Black Phenolic Screw Caps, Capacity 11.1 mL, Approx O.D. x Height 19 x 65mm.	15-425	144	\$ 61.96
CS-2102-418	Clear Glass Sample Vials with Rubber-Lined Black Phenolic Screw Caps, Capacity 14.8 mL, Approx O.D. x Height 21 x 70mm.	18-400	144	\$ 59.60
CS-2102-620	Clear Glass Sample Vials with Rubber-Lined Black Phenolic Screw Caps, Capacity 22.2 mL, Approx O.D. x Height 23 x 85mm.	20-400	144	\$ 51.03

## Clear Glass Sample Vials with Polyvinyl Faced Pulp Lined Phenolic Screw Caps

- Clear screw thread sample vial.
- Closed-top black phenolic closure with polyvinyl-faced pulp liner (Packed Separately).
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements.
- Alternate and Replacement Caps are listed under Accessories and sold separately.



Catalog No.	Description	Cap Size	Pack Size	Price
CS-2101-058	Clear Glass Sample Vials with Polyvinyl Faced Pulp Lined Phenolic Screw Caps, Capacity 1.8 mL, Approx O.D. x Height 12 x 35mm.	8-425	144	\$ 42.52
CS-2101-113	Clear Glass Sample Vials with Polyvinyl Faced Pulp Lined Phenolic Screw Caps, Capacity 3.7 mL, Approx O.D. x Height 15 x 45mm.	13-425	144	\$ 36.34
CS-2101-1513	Clear Glass Sample Vials with Polyvinyl Faced Pulp Lined Phenolic Screw Caps, Capacity 5.5 mL, Approx O.D. x Height 16 x 50mm.	13-425	144	\$ 51.12
CS-2101-215	Clear Glass Sample Vials with Polyvinyl Faced Pulp Lined Phenolic Screw Caps, Capacity 7.4 mL, Approx O.D. x Height 17 x 60mm.	15-425	144	\$ 59.74
CS-2101-315	Clear Glass Sample Vials with Polyvinyl Faced Pulp Lined Phenolic Screw Caps, Capacity 11.1 mL, Approx O.D. x Height 19.65mm.	15-425	144	\$ 61.96
CS-2101-418	Clear Glass Sample Vials with Polyvinyl Faced Pulp Lined Phenolic Screw Caps, Capacity 14.8 mL, Approx O.D. x Height 21 x 70mm.	18-400	144	\$ 59.60
CS-2101-620	Clear Glass Sample Vials with Polyvinyl Faced Pulp Lined Phenolic Screw Caps, Capacity 22.2 mL, Approx O.D. x Height 23 x 85mm.	20-400	144	\$ 51.03

## Clear Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps

- Clear screw thread sample vial.
- Closed-top black phenolic closure with PTFE-Faced white rubber liner (packed separately).
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements.
- Alternate and Replacement Caps are listed under Accessories and sold separately



Catalog No.	Description	Cap Size	Pack Size	Price
CS-2103-058	Clear Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps , Capacity 1.8 mL, Approx O.D. x Height 12 x 35mm.	8-425	144	\$ 50.26
CS-2103-113	Clear Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps , Capacity 3.7 mL, Approx O.D. x Height 14 x 45mm.	13-425	144	\$ 63.59
CS-2103-1513	Clear Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps , Capacity 5.5 mL, Approx O.D. x Height 16 x 50mm.	13-425	144	\$ 68.36
CS-2103-215	Clear Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps , Capacity 7.4 mL, Approx O.D. x Height 17 x 60mm.	15-425	144	\$ 79.61
CS-2103-315	Clear Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps , Capacity 11.1mL, Approx O.D. x Height 19 x 65mm.	15-425	144	\$ 81.83
CS-2103-418	Clear Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps , Capacity 14.8 mL, Approx O.D. x Height 21 x 70mm.	18-400	144	\$ 94.58
CS-2103-620	Clear Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps , Capacity 22.2 mL, Approx O.D. x Height 23 x 85mm.	20-400	144	\$ 111.99

## Amber Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps

- Amber screw thread sample vial.
- Closed-top black phenolic closure with PTFE-Faced white rubber liner (packed separately).
- Manufactured from 51 expansion borosilicate glass conforming to USP Type I and ASTM E438, Type I, Class B requirements.
- Alternate and Replacement Caps are listed under Accessories and sold separately



Catalog No.	Description	Cap Size	Pack Size	Price
CS-2303-058	Amber Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps, Capacity 1.8 mL, Approx O.D. x Height 12 x 35mm.	8-425	144	\$ 49.71
CS-2303-113	Amber Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps, Capacity 3.7 mL, Approx O.D. x Height 15 x 45mm.	13-425	144	\$ 69.49
CS-2303-215	Amber Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps, Capacity 7.4 mL, Approx O.D. x Height 17 x 60mm.	15-425	144	\$ 96.66
CS-2303-418	Amber Glass Sample Vials with PTFE-Faced White Rubber Lined Phenolic Screw Caps, Capacity 14.8 mL, Approx O.D. x Height 21 x 70mm.	18-400	144	\$ 116.67

## Phenolic Closures with Cemented-in **White Rubber Liners**

- Equipped with a non-toxic liner, making them well suited for cell culture applications.
- Compatible with many organic solvents and provide good resistance to hydrocarbons, oils, ketones, and alcohols; however, they are not recommended for use with acids or alkalis.
- Ideal for use with distilled water, analytical standards, and laboratory reagents.
- Suitable for storing volatile solvents, sensitive compounds, and corrosive substances.
- Feature a cone-shaped design that enhances torque retention and provides reliable, leak-resistant sealing.



Catalog No.	Description	Cap Size	Pack Size	Price
CS-9065-08425	Black Phenolic Caps With White Rubber Liner for Dram Vials, GPI 8-425	8-425	144	\$ 26.76
CS-9065-13425	Black Phenolic Caps With White Rubber Liner for Dram Vials, GPI 13-425	13-425	144	\$ 36.29
CS-9065-18400	Black Phenolic Caps With White Rubber Liner for Dram Vials, GPI 18-400	18-400	144	\$ 46.09
CS-9065-20400	Black Phenolic Caps With White Rubber Liner for Dram Vials, GPI 20-400	20-400	144	\$ 49.40
CS-9065-22400	Black Phenolic Caps With White Rubber Liner for Dram Vials, GPI 22-400	22-400	144	\$ 58.83
CS-9065-24400	Black Phenolic Caps With White Rubber Liner for Dram Vials, GPI 24-400	24-400	144	\$ 56.70

## Phenolic Closures with Cemented-in **PTFE-Faced White Rubber Liner**

- Provide a highly inert sealing surface in contact with the sample.
- Suitable for volatile solvents, sensitive compounds, and corrosive chemicals.
- Resistance to many organic solvents, oils, ketones, and alcohols; not suitable for acids or alkalis.
- Always verify liner compatibility and leak resistance prior to use.



Catalog No.	Description	Cap Size	Pack Size	Price
CS-9066-08425	Black Phenolic Caps With PTFE-Faced RubberLiner for Dram Vials, GPI 8-425	8-425	144	\$ 31.75
CS-9066-13425	Black Phenolic Caps With PTFE-Faced Rubber Liner for Dram Vials, GPI 13-425	13-425	144	\$ 39.46
CS-9066-15425	Black Phenolic Caps With PTFE-Faced Rubber Liner for Dram Vials, GPI 15-425	15-425	144	\$ 48.67
CS-9066-18400	Black Phenolic Caps With PTFE-Faced Rubber Liner for Dram Vials, GPI 18-400	18-400	144	\$ 56.56
CS-9066-20400	Black Phenolic Caps With PTFE-Faced Rubber Liner for Dram Vials, GPI 20-400	20-400	144	\$ 62.23
CS-9066-22400	Black Phenolic Caps With PTFE-Faced Rubber Liner for Dram Vials, GPI 22-400	22-400	144	\$ 68.04
CS-9066-24400	Black Phenolic Caps With PTFE-Faced Rubber Liner for Dram Vials, GPI 24-400	24-400	144	\$ 76.66
CS-9066-28400	Black Phenolic Caps With PTFE-Faced Rubber Liner for Dram Vials, GPI 28-400	28-400	144	\$ 126.00

## Phenolic Closures with Polyvinyl-Faced Pulp Liner

- Affordable all-purpose cap/liner combo.
- Good resistance to aqueous solutions, oils, solvents, alcohols, alkalis, and weak acids.
- Not suitable for autoclaving.
- Specifically designed phenolic cap material.
- Pulpboard liner with a polyvinyl face.



Catalog No.	Description	Cap Size	Pack Size	Price
CS-9025-08425	Black Phenolic Caps With Polyvinyl Pulp- Faced Liner for Dram Vials, GPI 8-425	8-425	144	\$ 21.77
CS-9025-13425	Black Phenolic Caps With Polyvinyl Pulp- Faced Liner for Dram Vials, GPI 13-425	13-425	144	\$ 22.23
CS-9025-15425	Black Phenolic Caps With Polyvinyl Pulp- Faced Liner for Dram Vials, GPI 15-425	15-425	144	\$ 28.80
CS-9025-18400	Black Phenolic Caps With Polyvinyl Pulp- Faced Liner for Dram Vials, GPI 18-400	18-400	144	\$ 31.21
CS-9025-20400	Black Phenolic Caps With Polyvinyl Pulp- Faced Liner for Dram Vials, GPI 20-400	20-400	144	\$ 34.84
CS-9025-22400	Black Phenolic Caps With Polyvinyl Pulp- Faced Liner for Dram Vials, GPI 22-400	22-400	144	\$ 34.34
CS-9025-24400	Black Phenolic Caps With Polyvinyl Pulp- Faced Liner for Dram Vials, GPI 24-400	24-400	144	\$ 42.09



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