

TLG® Plastic Laboratory BOTTLES



TLG® Plastic Laboratory Bottles from ChemScience meet the requirements of the most demanding applications. These plastic bottles are highly durable and strong for a safe, shatterproof alternative to glass bottles for collection, storage, or shipping of samples, media, and reagents.

TLG® Bottles are available in a wide range of shapes, Small or large, wide mouth or narrow, natural or amber sizes, and materials to accommodate most application needs. The TLG® line includes the most frequently used bottles as well as some less common styles.

These laboratory bottles are precision molded from high grade virgin resins for uniform wall thickness and interior and exterior surfaces. The bottles come with leak-proof polypropylene caps that are designed with an integrated seal ring for leak-proof closure.

These Caps are linerless to avoid the contamination in comparison to caps with liners. TLG™ bottles and caps employ top quality, semi-buttressed threads with straight shoulders that outperform inferior bottles with round threads.

These leak-proof bottles meet highest standards to sustain pressure thresholds in the industry.



Narrow Mouth Bottles

High-Density Polyethylene (HDPE)

- Safe for freezer storage down to -100°C
- Resistant to most corrosives

Catalog Number	Material	Capacity	Cap Size
CS-C1615030	HDPE	30 ML	20 mm
CS-C1615060	HDPE	60 ML	20 mm
CS-C1615125	HDPE	125 ML	24 mm
CS-C1615250	HDPE	250 ML	24 mm
CS-C1615500	HDPE	500 ML	24 mm
CS-C161501L	HDPE	1000 ML	38 mm



Low-Density Polyethylene (LDPE)

- More clear than HDPE
- Flexible with excellent impact resistance

Catalog Number	Material	Capacity	Cap Size
CS-C1614030	LDPE	30 ML	20 mm
CS-C1614060	LDPE	60 ML	20 mm
CS-C1614125	LDPE	125 ML	24 mm
CS-C1614250	LDPE	250 ML	24 mm
CS-C1614500	LDPE	500 ML	28 mm
CS-C161401L	LDPE	1000 ML	38 mm



Polypropylene (PP)

- Suitable for autoclaving at 121°C
- Improved chemical resistance and clarity
- Resistant to most corrosives and suitable for a wide variety of laboratory uses
- Approved for use from -100 °C to 121°C

Catalog Number	Material	Capacity	Cap Size
CS-C1616030	PP	30 ML	20 mm
CS-C1616060	PP	60 ML	20 mm
CS-C1616125	PP	125 ML	24 mm
CS-C1616250	PP	250 ML	24 mm
CS-C1616500	PP	500 ML	24 mm
CS-C161601L	PP	1000 ML	38 mm



Wide Mouth Bottles

Wide mouth bottles are perfect for sample collection and facilitate the rapid filling and emptying of solids, powders, and viscous liquids.

High-Density Polyethylene (HDPE)

- Safe for freezer storage down to -100°C
- Resistant to most corrosives

Catalog Number	Material	Capacity	Cap Size
CS-C1621030	HDPE	30 ML	28 mm
CS-C1621060	HDPE	60 ML	28 mm
CS-C1621125	HDPE	125 ML	38 mm
CS-C1621250	HDPE	250 ML	43 mm
CS-C1621500	HDPE	500 ML	43 mm
CS-C16211L	HDPE	1000 ML	63 mm
CS-C16212L	HDPE	2000 ML	83 mm



Low-Density Polyethylene (LDPE)

- More clear than HDPE
- Flexible with excellent impact resistance

Catalog Number	Material	Capacity	Cap Size
CS-C1623030	LDPE	30 ML	28 mm
CS-C1623060	LDPE	60 ML	28 mm
CS-C1623125	LDPE	125 ML	38 mm
CS-C1623250	LDPE	250 ML	43 mm
CS-C1623500	LDPE	500 ML	53 mm
CS-C16231L	LDPE	1000 ML	63 mm
CS-C16232L	LDPE	2000 ML	83 mm



Polypropylene (PP)

- Suitable for autoclaving at 121°C
- Improved chemical resistance and clarity
- Resistant to most corrosives and suitable for a wide variety of laboratory uses
- Approved for use from -100 °C to 121°C

Catalog Number	Material	Capacity	Cap Size
CS-C1622030	PP	30 ML	28 mm
CS-C1622060	PP	60 ML	28 mm
CS-C1622125	PP	125 ML	38 mm
CS-C1622250	PP	250 ML	43 mm
CS-C1622500	PP	500 ML	43 mm
CS-C16221L	PP	1000 ML	63 mm



Amber Bottles

Store, ship and package light-sensitive liquids using ChemScience Amber HDPE Lab Quality Bottles. Featuring excellent chemical resistance to most acids, bases and alcohols, these high-density polyethylene bottles are leakproof when used with appropriate ChemScience closures. Made only from high quality, laboratory grade plastic materials for dependably low leachables and extractables.

High-Density Polyethylene (HDPE)

- Safe for freezer storage down to -100°C
- Resistant to most corrosives

Narrow Mouth

Catalog Number	Material	Capacity	Cap Size
CS-C1617030	HDPE	30 ML	20 mm
CS-C1617060	HDPE	60 ML	20 mm
CS-C1617125	HDPE	125 ML	24 mm
CS-C1617250	HDPE	250 ML	24 mm
CS-C167500	HDPE	500 ML	28 mm
CS-C16171L	HDPE	1000 ML	38 mm



Wide Mouth

Catalog Number	Material	Capacity	Cap Size
CS-C1624030	HDPE	30 ML	20 mm
CS-C1624060	HDPE	60 ML	20 mm
CS-C1624125	HDPE	125 ML	24 mm
CS-C1624250	HDPE	250 ML	24 mm
CS-C1624500	HDPE	500 ML	28 mm
CS-C16241L	HDPE	1000 ML	38 mm



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