

## The versatile bottle

DURAN® GLS 80 wide neck bottles offer a versatile solution for laboratory and industrial applications. Their flexibility and unique design enhance safety and efficiency whether filling or pouring in the laboratory, in the field or in production, whether for sampling, preparation, storage or product packaging. They may be used with a huge range of contents at reduced, ambient or high temperatures.



Easy and safe filling

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DURAN

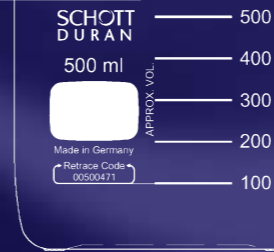
SCHOTT DURAN GmbH  
Hattenbergstrasse 10  
55122 Mainz  
Germany  
Phone: +49 (0)6131/66-4907  
Fax: +49 (0)6131/66-4016  
E-mail: info.duran@schott.de  
www.schott-duran.com

SCHOTT  
glass made of ideas

50086x 11053.0 ba/wo Printed in Germany

## DURAN® GLS 80 Glass bottles with wide neck

Large aperture neck ideally suited for filling and pouring



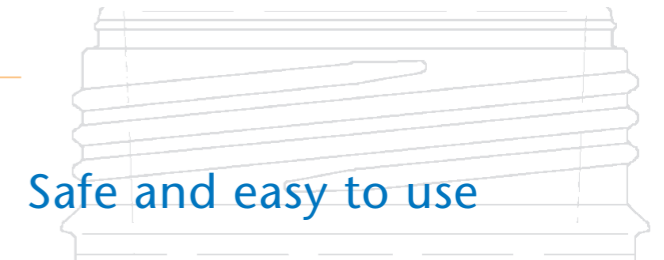
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DURAN®

## DURAN® GLS 80 Glass bottles with wide neck

**NEW**

**Large aperture neck ideal for filling and pouring**

We have extended our DURAN® laboratory glassware range for you. Our new wide neck glass bottles with large, 80 mm diameter neck size will be available in six different sizes.



## Safe and easy to use

The new DURAN® GLS 80 wide neck glass bottles feature a specially developed screw thread. The matching quick release closure ensures that the bottles can be opened and closed safely and quickly.



The 80 mm diameter neck size of the bottles allows easy and safe charging and removal of powders, media in paste form, granules and fluids. Spoons, spatulas and tweezers can be handled with ease and without problems. The neck is wide enough for the bottles to accept even large-volume funnels effortlessly and safely. The large neck makes cleaning particularly easy and effective.

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2000 ml

APPROX. VOL.

1400

1200

1000

## DURAN® GLS 80 wide neck glass bottles have many beneficial features

**Mechanical strength** – the sturdy design of these wide neck glass bottles enhances safety and service life.

**Stability** – the bottles' large base area also makes them easy to stack and reduces the risk of toppling.

**Labelling** – provided with a printed white panel for labelling the contents.

**Transparency** – contents and capacity can be visually checked with ease.

**Graduation** – visual indication of content's volume.

**Batch certificate and traceability** – you can call up and print out your own personal certificate for complete documentation direct via the Internet using the 8-digit retrace code on the bottle.

**Inert and chemically resistant** – the exceptional properties of DURAN® ensure that there are no problems with ion leaching.

**Sterilizable** – excellent thermal properties of DURAN® allow such procedures as autoclaving and dry sterilization with the ability to re-use an unlimited number of times.



Comparison of GL 45 to GLS 80 necks - the benefits are immediately visible



## Special benefits of the GLS 80 quick release closure

**Freedom from leakage** – the matching quick release closure with integral sealing cone provides a high quality seal and protects the contents from contamination.

**Temperature resistance** – the closure is made of polypropylene suitable for use including autoclaving up to 140 °C.

**User-friendly** – the screw is especially designed so that it can be rapidly opened and closed with less than two turns.

**Clicking sound** – an aural and tactile 'clicking' gives positive confirmation that the bottle is firmly closed.



Easy media removal

## DURAN® for versatility and reliability

### Chemical resistance

- Water and hydrolytic resistance to ISO 719, Class 1. DURAN® is a neutral glass/glass type 1 to USP/EP.
- Acid resistance to DIN 12 116, Class 1
- Alkali resistance to ISO 695, Class 2

### Temperature resistance

- Useable up to 500 °C max.
- High thermal shock resistance, ideal for filling with hot media and carrying out sterilization procedures such as autoclaving
- Suitable for use in microwaves

### Quality management

Our embedded quality management systems ensure the highest standards of consistency and reliability

- Uniform distribution of wall thickness
- Accurate and consistent glass composition
- Precise dimensions and controlled tolerances

The properties of DURAN® allow its use in a broad range of applications, far exceeding the limitations of ordinary soda-lime glass and plastics.

*There are many ways in which the new DURAN® GLS 80 wide neck bottles can improve your safety, security and efficiency. Compared with 'ordinary glass' and plastic bottles, the new DURAN® bottles with their proven properties and special design offer a wealth of benefits. Why don't you take advantage of these yourself and change over to DURAN® GLS 80 wide neck bottles?*

## How to order

The new SCHOTT DURAN® GLS 80 wide neck glass bottles can be ordered directly from your laboratory dealer using the article numbers below.

There are six different sizes of bottle, complete with PP GLS 80 quick release closure. The single size GLS 80 closure is fully interchangeable.

Article No. Bottles	Capacity ml	d mm	h mm	Pack contents
11 126 27	500	101	148	10
11 127 13	1,000	101	218	10
11 127 15	2,000	136	248	10
11 139 49	5,000	182	311	1
11 139 50	10,000	227	395	1
11 139 51	20,000	288	483	1

Article No. Closure	d mm	h mm	Pack contents
11 127 16	86	40	10



Choose from six different bottle sizes

**EU Design No. 381983**