



DWK LIFE SCIENCES
DURAN WHEATON KIMBLE

CHANGES EVERYTHING



GOOD
DESIGN

As awarded by The Chicago Athenaeum:
Museum of Architecture and Design.

DURAN® TILT
THE MEDIA BOTTLE SYSTEM

DURAN® *TILT*

TURNING USABILITY INTO SECURITY

Biosafety cabinets and clean hoods are essential for working with cell cultures under sterile conditions. Unfortunately, they make the handling of media bottles difficult and time-consuming for researchers. The DURAN® *TILT* bottle changes everything. The *TILT* bottle has two positions: upright for filter sterilization or storage, and tilted at 45° for pipetting. Take a look at cell culture media from a new angle and discover a bottle system that eases handling and turns usability into security.

Space saving shape for fridge storage and water baths

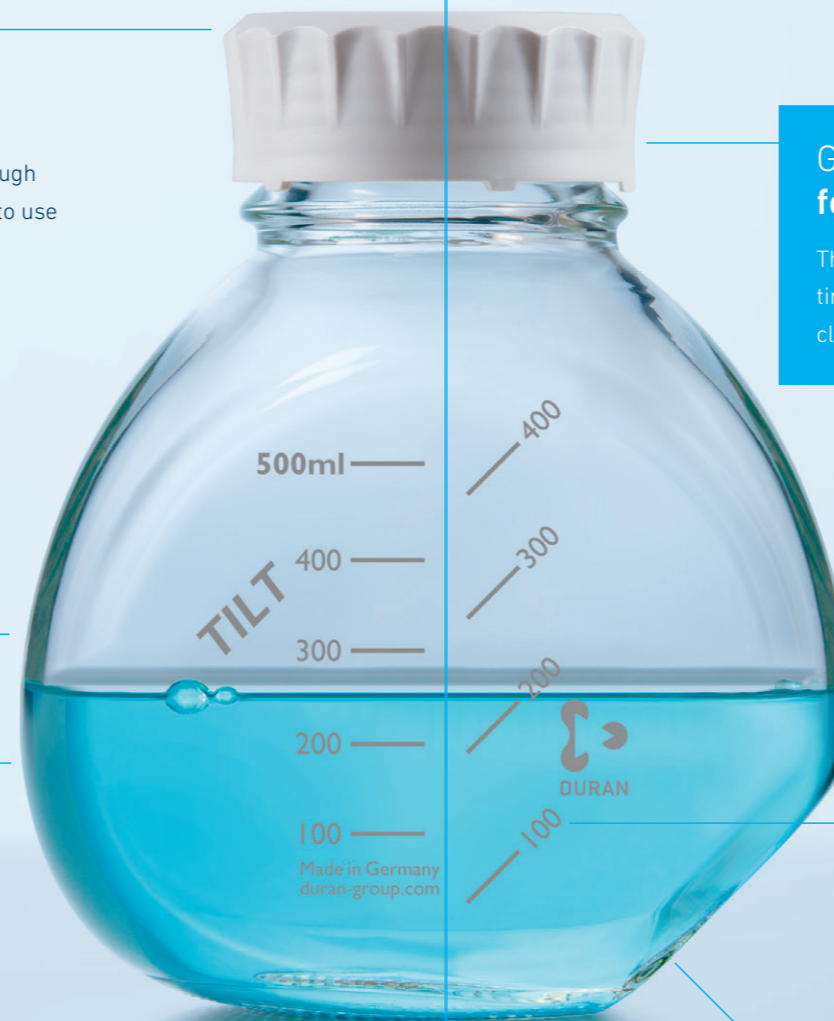
The stable and space-saving 500 ml bottle is perfect for fridge storage, or for warming media in a water bath.

Low bottle height for easy handling in safety cabinets

The compact bottle is easy to put through the gap under the sash, and is easier to use inside the hood.

Borosilicate 3.3 glass for reusability and lower whole life costs

DURAN® borosilicate 3.3 glass is a tried and trusted material certified as non-cytotoxic (according to ISO 10993-5:2009). DURAN® glass does not leach any organic molecules that might affect the culturing of cells. In addition, DURAN® glass may be depyrogenated to destroy endotoxins using dry heat or chemical based methods.



GL 56 mouth and screw cap for safer handling

The wide mouth ensures safe and easy pipetting. The ergonomic cap is easy to open and close. Made from non-cytotoxic materials.

45° *TILT* position for pipetting without holding the bottle

Tilt the bottle to its 45° position for pipetting instead of holding it in your hand.

100% bigger opening for easy pipetting

The GL 56 mouth is 100% larger than the GL 45. It accommodates even large volume pipettes (100 ml) and helps avoid contamination.

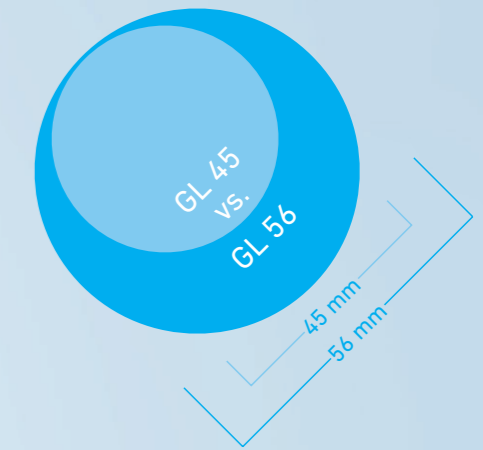
Tilted volume indicators for convenience

The clear markings show the volume in both tilted and upright positions and are visible from both sides, for the convenience of left and right-handed users.

Vacuum resistant bottle for safe filter sterilization

The bottle is vacuum resistant and may be safely used for the filter sterilization of media.

0°



45°

OPTIMIZE YOUR WORKFLOW BY **TILTING**

DURAN® **TILT** CHANGES EVERYTHING

DURAN® **TILT** ACCESSORIES



0°

FILTERING

In the upright position, the DURAN® **TILT** bottle system is ideal for filter sterilizing or clarifying cell culture media. Low bottle height is practical in the biosafety cabinet. DURAN® GL 45 thread adaptor allows any 45 mm filter units to be used with DURAN® **TILT** bottle.



45°

PIPETTING

In the 45° tilted position, the DURAN® **TILT** bottle makes pipetting of media easier under the hood. The innovative design enables both good aseptic and ergonomic practice.



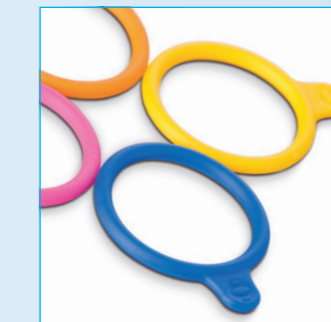
DURAN® GL 45 thread adaptor (re-usable)

The re-usable adaptor (GL 45 external / GL 56 internal) allows the use of the DURAN® **TILT** bottle with 45 mm filtration units for the filter sterilization of cell culture media. Manufactured from inert PTFE; can be autoclaved and depyrogenated at 300 °C.



DURAN® **TILT** GL 56 screw cap

This screw cap is made of foodgrade polypropylene (PP) and fully compatible with DIN GL 56 bottle threads.



DURAN® GL 56 Bottle Tags

The Bottle Tags can be used on their own for color identification or to secure the protective Light Shield around the bottle. The GL 56 Bottle Tags are available in four colors (orange, yellow, blue and purple).



DURAN® **TILT** protective Light Shield

The DURAN® **TILT** Light Shield is a white silicone sleeve that covers 94% of the bottle surface. The sleeve has a number of protective functions: it blocks damaging ultraviolet (UV) light, protects the glass surface from damage, and facilitates safer handling. Silicone provides a much better grip than glass; especially when the bottle has been sprayed with 70% alcohol for surface disinfection.



ORDERING INFORMATION

DURAN® *TILT* – MEDIA BOTTLE

Description	Glass thread	Height (incl. cap)	Pack size	Cat. No.
DURAN® <i>TILT</i> Bottle, clear glass Complete with white GL 56 polypropylene screw cap 500 ml (supplied non-sterile)	GL 56	151 mm	4	21 891 44 59

DURAN® *TILT* – ACCESSORIES AND REPLACEMENT PARTS

Description	Material / Color	Pack size	Cat. No.
DURAN® <i>TILT</i> Light Shield includes four GL 56 Bottle Tags (Orange, Yellow, Blue, Purple)	Silicone / White and mixed colors	4	29 243 56 01
DURAN® GL 56 Bottle Tag Orange	Silicone / Orange	20	29 243 56 26
DURAN® GL 56 Bottle Tag Yellow	Silicone / Yellow	20	29 243 56 34
DURAN® GL 56 Bottle Tag Blue	Silicone / Blue	20	29 243 56 59
DURAN® GL 56 Bottle Tag Purple	Silicone / Purple	20	29 243 56 67
DURAN® GL 45 thread adaptor for bottle top vacuum filtration unit (GL 45 external, GL 56 internal)	PTFE / White	1	29 119 56 01
DURAN® <i>TILT</i> GL 56 screw cap	Polypropylene / White	10	29 229 56 02
DURAN® <i>TILT</i> GL 56 Screw Cap, membrane vented	Polypropylene and ePTFE / White	4	29 118 56 09

DURAN®
BOTTLE
SYSTEM

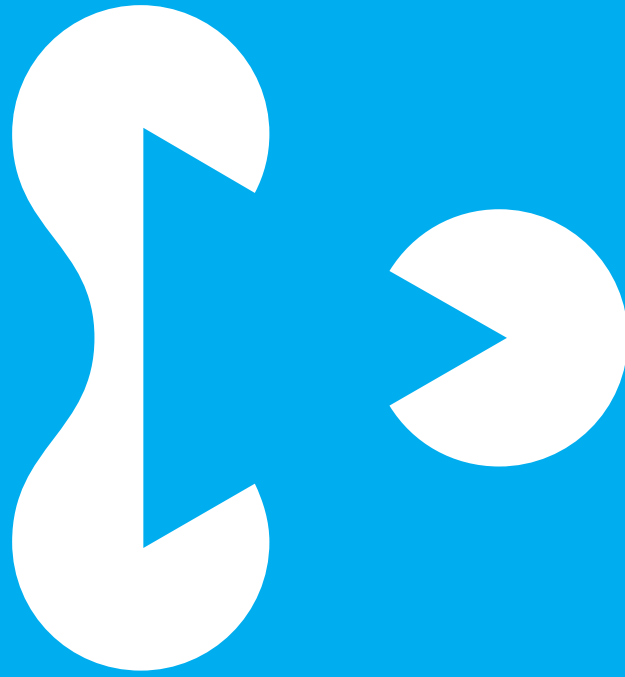


Discover our wide range of borosilicate glass 3.3 laboratory bottles in different sizes, with closures, liquid transfer caps and accessories.



Explore more:
www.duran-bottle-system.com





Excellence in your hands

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