PART OF THE **DURAN®** BOTTLE SYSTEM

SMART

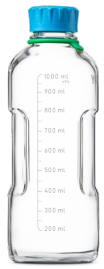
DURAN® **YOU**TILITY® BOTTLE

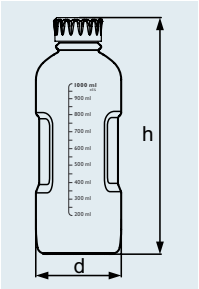
DURAN
WHEATON
KIMBLE

Excellence in your hands

DURAN® YOUTILITY® LABORATORY BOTTLE

GL 45



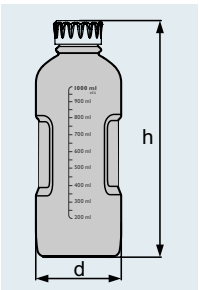


The specially shaped gripping zones on both sides of the bottle enable easier and safer handling. With the new DURAN® YOUTILITY® bottle thread opening or closing the bottle is significantly faster. The thread is fully compatible with DIN GL 45 closures and other accessories. The slimmer DURAN® YOUTILITY® bottle shape allows a more optimal use of limited space in autoclaves and laboratory refrigerators. A pre-defined labelling area is compatible with the dedicated DURAN® self-adhesive YOUTILITY® bottle labels. Nominal volume is shown at the top of the easy-to-read graduation scale for fast determination of the volumes. Each DURAN® YOUTILITY® bottle is supplied as a complete system, with a pouring ring (PP) and a GL 45 cap (PP).

Cat. No.	Capacity (mL)	DIN Thread (GL)	d (OD) (mm)	h (mm)	Pack Unit
with screw-cap and pouring ring from PP					
21 881 28 54	125	45	55	124	4
21 881 36 53	250	45	66	158	4
21 881 44 52	500	45	78	193	4
21 881 54 57	1 000	45	93	253	4

DURAN® YOUTILITY® LABORATORY BOTTLE AMBER

GL 45, USP <660> and USP <671> (Spectral Transmission) compliant



The specially shaped gripping zones on both sides of the bottle enable easier and safer handling. With the new DURAN® YOUTILITY® bottle thread opening or closing the bottle is significantly faster. The thread is fully compatible with DIN GL 45 closures and other accessories. The slimmer DURAN® YOUTILITY® bottle shape allows a more optimal use of limited space in autoclaves and laboratory refrigerators. A pre-defined labelling area is compatible with the dedicated DURAN® self-adhesive YOUTILITY® bottle labels. Nominal volume is shown at the top of the easy-to-read graduation scale for fast determination of the volumes. The glass bottle body is moulded from the tried and tested DURAN® borosilicate 3.3 pharmacopoeial Type 1 neutral glass. DURAN® glass offers very good chemical resistance and high temperature resistance. Each DURAN® YOUTILITY® bottle is supplied as a complete system, with a pouring ring (PP) and a GL 45 cap (PP).

Cat. No.	Capacity (mL)	DIN Thread (GL)	d (OD) (mm)	h (mm)	Pack Unit
with screw-cap and pouring ring from PP					
21 886 28 59	125	45	55	124	4
21 886 36 58	250	45	66	158	4
21 886 44 57	500	45	78	193	4
21 886 54 53	1 000	45	93	253	4

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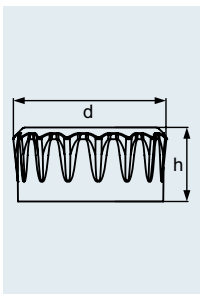
DURAN® YOUTILITY® SCREW CAP

Retrace Code | A 121 °C | Tmax. 140 °C

GL 45, from PP



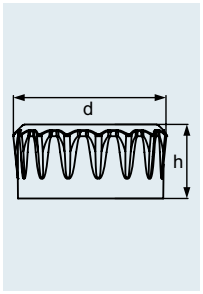
The DURAN® YOUTILITY® Screw Cap GL 45 is manufactured from a food-grade polypropylene (PP). Ergonomically shaped screw cap with optimised grooves and ridges for a more efficient and easier tightening or removal. The faster opening and closing thread of the YOUTILITY® screw cap is fully compatible with DIN GL 45 bottle threads. The optimised cap sealing system ensures a liquid tight seal.

Cat. No.	DIN Thread (GL)	d (OD) (mm)	h (mm)	Colour	Pack Unit
screw cap					
29 229 28 02	45	53	25	cyan	10
pouring ring					
29 241 28 08	45		4	cyan	16

DURAN® YOUTILITY® SCREW CAP

Retrace Code | A 121 °C | Tmax. 140 °C

GL 45 Biocompatible white PP



The ergonomic-shaped YOUTILITY® GL 45 screw cap features a liner less design compatible with both DURAN® Original GL 45 bottles and YOUTILITY® bottles. The cap is moulded from biocomptatible, USP <88> Class VI certified materials, making it suitable for use in pharmaceutical manufacturing. The white YOUTILITY® caps are Retrace coded for traceability. The retrace code can be used the download a lot specific certificate of conformance.

Cat. No.	DIN Thread (GL)	d (OD) (mm)	h (mm)	Colour	Pack Unit
29 229 28 27	45	49.5	25.2	white	10

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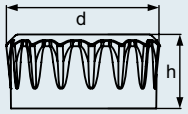
DURAN WHEATON KIMBLE

DURAN® YOUTILITY® SCREW CAP

A 121 °C | Tmax. 140 °C

GL 45 Sterile Venting Membrane



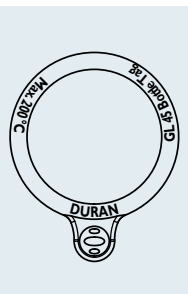
DURAN® YOUTILITY® Laboratory bottles are ideal containers for sterilising and storing media or buffer solutions. However, it is strongly recommended that during the autoclaving cycle the caps are only loosely tightened. Heating times are reduced if the steam is easily able to penetrate the contents of the bottle. Loose caps also reduce the risk of failure due to pressure build up inside the bottle, which can reach 400 kPa (absolute). In addition, tightening the screw caps immediately after autoclaving, will result in a vacuum caused by the cooling of the steam. This can lead to bottle failure, and is an especially important consideration for larger bottles (5 Litres or larger). To overcome these limitations, the sterile venting membrane screw caps were developed. The screw cap can be tightly closed as the membrane permits an automatic sterile gas exchange, allowing safe pressure equalisation during the autoclave cycle, and at the same time ensuring the sterility of the bottle contents.

Cat. No.	DIN Thread (GL)	d (OD) (mm)	h (mm)	Colour	Pack Unit
29 116 28 07	45	53	25	cyan	4

DURAN® YOUTILITY® BOTTLE TAG

A 121 °C | Tmax. 200 °C

GL 45, from silicone



The silicone GL 45 Bottle Tags can be securely attached around the neck of the YOUTILITY® bottle for easy customisation and unambiguous bottle identification. The elastic Bottle Tags will fit around any DIN GL 45 bottle neck.

Cat. No.	Thread	Colour	Pack Unit
29 243 29 04	45	eight colours, two pieces each	16
29 243 28 18	45	red	20
29 243 28 26	45	orange	20
29 243 28 34	45	yellow	20
29 243 28 42	45	green	20
29 243 28 59	45	blue	20
29 243 28 67	45	purple	20
29 243 28 75	45	black	20
29 243 28 83	45	white	20

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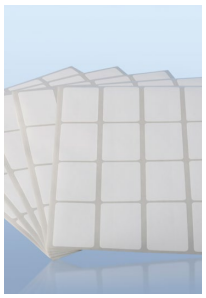
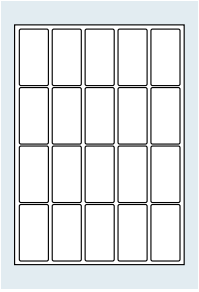
DURAN® YOUTILITY® LABELS

Printable self-adhesive





The robust DURAN® YOUTILITY® identification labels are suitable for use with the YOUTILITY® bottle, plus many other types of laboratory glassware, such as GL 45 bottles, beakers and conical flasks. The tear resistant, white polyester labels use a high performance, peelable adhesive. An easy-to-use label creator web app. is available (**www.duranlabels.com)** to design, and print your own label designs. Ideal for use in fridges, freezers, autoclaves, incubators, and water baths, without the risk of the labels falling off. Can be printed with office printers, copiers, or marked with technical lab pens. Chemically resistant to many typical laboratory chemicals, and solvents. Wide –40 to +150 °C thermal performance range.

Cat. No.	Description	Pack Unit
29 401 02 03	white, polyester	1 x 100 labels

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