

# NEW: DURAN® TORQUE WRENCH SOCKETS

FOR DURAN® GL 25, 32 AND 45 SCREW CAPS



PART OF THE **DURAN®** BOTTLE SYSTEM



**DURAN  
WHEATON  
KIMBLE**

Excellence in your hands

# NEW: DURAN® TORQUE WRENCH SOCKETS

## FOR DURAN® GL 25, 32 AND 45 SCREW CAPS

Applying the correct closure torque to DURAN® caps is critical to achieving an effective seal. Therefore a range of eight specifically designed splined sockets that fit most of the DURAN® GL-threaded plastic closures have been developed.

### FEATURES & BENEFITS

- Compliance – Enables **accurate closure** of DURAN® GL 25, 32 and 45 caps to the recommended torques
- **Ease of use** – **Cap thread size** and type is permanently **engraved** into the top surface
- Hygienic design – **Suitable for cleanroom use**
- Full traceability – **Engraved lot-specific code** for certification
- Convenient – Socket hole **fits “industry standard”** 1/4 inch wrench drive size
- Robust and recyclable – Machined from a **high strength Aluminium** alloy EN AW-2007
- High quality – **“Made in Germany”** components

### APPLICATION AREAS

- Closing the GL threaded caps of DURAN® glass bottles to the correct torque
- Easier opening or closing of laboratory glass bottles using a wrench



### CORRECT CLOSURE TORQUE

Torque is the rotational force applied during application or removal of a closure from a bottle. The correct application torque for a bottle cap is very important as it affects the sealing integrity. Over-tightening may cause some parts of the cap to be under more pressure than others, which could result in an improper seal. Alternatively, the container may leak or the closure could easily unscrew if too little torque is used. When the correct torque is applied, it will provide sealing integrity under the specified temperature, humidity, and loading conditions.

## APPLICATION TORQUES

Thread Size	Cap Colour	Material	Name	Seal Type	Cat. No.	Minimum Application Torque Nm*
GL 25	Blue	PP (Polypropylene)	Original Screw Cap	Liner less	29 239 13 07	1.9
GL 25	Red	PBT (Polybutylene Terephthalate)	High Temperature Screw Cap	Cap liner	29 240 13 05	1.9
GL 25	Uncoloured	PFA (Perfluoro-alkoxyalkane)	Premium Screw Cap	Cap liner	11 296 00	1.0
GL 32	Blue	PP (Polypropylene)	Original Screw Cap	Liner less	29 239 19 07	1.9
GL 32	Red	PBT (Polybutylene Terephthalate)	High Temperature Screw Cap	Cap liner	29 240 19 05	2.0
GL 45	Blue Yellow Green Grey	PP (Polypropylene)	Original Screw Cap	Liner less	29 239 28 09 29 338 28 02 29 338 28 68 29 338 28 84	2.9
GL 45	Red	PBT (Polybutylene Terephthalate)	High Temperature Screw Cap	Cap liner	29 240 28 07	3.4
GL 45	Uncoloured	PFA (Perfluoro-alkoxyalkane)	Premium Screw Cap	Cap liner	10 886 79	3.2

\*Reference: BFSV Verpackungsinstitut Packaging Test Report No. 4043B/19

To ensure safe usage, customers are advised to test DURAN® bottles and closures under the conditions of the intended application.

Note: Torque wrench is not supplied. Recommended torque wrench specification: Drive Size: 1/4 in. Torque range: 0 - 9 Nm (such as Motion Industries CDI 751LDIN)

## ORDERING INFORMATION

Description	Material	Pack Unit	Cat. No.
Torque wrench socket / fitting for DURAN® GL 25 PP Cap	Aluminium	1	29 233 13 01
Torque wrench socket / fitting for DURAN® GL 25 PBT Cap	Aluminium	1	29 233 13 26
Torque wrench socket / fitting for DURAN® GL 25 PREMIUM Cap	Aluminium	1	29 233 13 42
Torque wrench socket / fitting for DURAN® GL 32 PP Cap	Aluminium	1	29 233 19 01
Torque wrench socket / fitting for DURAN® GL 32 PBT Cap	Aluminium	1	29 233 19 26
Torque wrench socket / fitting for DURAN® GL 45 PP Cap	Aluminium	1	29 233 28 03
Torque wrench socket / fitting for DURAN® GL 45 PBT Cap	Aluminium	1	29 233 28 44
Torque wrench socket / fitting for DURAN® GL 45 PREMIUM Cap	Aluminium	1	29 233 28 28

# 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](http://www.duran-bottle-system.com)





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