

DURAN®

4-PORT CONNECTOR CAP GL 45
MADE FROM STAINLESS STEEL



3D
metal print



**DURAN
WHEATON
KIMBLE**

Excellence in your hands

DURAN® STAINLESS STEEL 4-PORT CONNECTOR CAP GL 45

The DURAN® 4-port connector cap is manufactured using an innovative additive manufacturing method called three-dimensional metal printing. This method allows the complex form to be optimised using computer-aided design software, as well as significantly reducing the amount of metal required for construction. The transfer connection cap can be used with all sizes of DURAN® GL 45 bottles, and facilitates the movement of liquids within a closed and aseptic system. Ideal for chemistry, or life science laboratories.

Applications

- Sterile liquid transfer between containers
- Liquid sampling into bottles from larger containers
- Reservoir cap for supplying laboratory instruments
- Port assemblies for spinner flasks, and cell culture vessels

Features

- GL 45 connector cap can be used for all sizes of DURAN® GL 45 bottles from 100 to 20,000 mL
- The four male hose connectors are suitable for flexible tubing with a 6.4 mm (1/4") inner diameter. This corresponds to the SDD initiative Size A tubing type, allowing easy connection to buffer bags, mixing systems, etc.
- Freely rotating stainless steel centre allows the bottle to be unscrewed without the need to disconnect the tubing
- The four top connectors are spaced to facilitate easier attachment of the tubing
- The metal component is additive printed as a single unit from Type 316L (1.4404 / S31603) stainless steel
- Hygienic, electropolished surface for efficient cleaning and sterilisation
- A liquid tight seal is provided by a (Platinum catalyzed USP <88> Class VI) silicone gasket and the cyan PP GL 45 screw cap
- Wide temperature usage up to 140 °C (or 180 °C with the optional PBT aperture GL 45 cap)
- Autoclavable (@ 121 °C / 15 minutes)
- Retrace coded for full traceability



Ordering information

| Description | Pack Unit | Cat. No. |
|---|-----------|--------------|
| NEW DURAN® Stainless steel 4-port connector cap supplied with cyan PP GL 45 aperture cap and silicone gasket | 1 | 29 261 29 07 |

Replacement parts

| Description | Pack Unit | Cat. No. |
|---|-----------|--------------|
| DURAN® Silicone Sealing Gasket 40,5 mm outer and 27,5 mm inner diameter, 3 mm thick | 10 | 29 223 28 05 |
| DURAN® Screw Cap GL 45, red, PBT with 34 mm central aperture | 10 | 29 227 10 07 |

These products are available from your specialist laboratory dealer.



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