



making a difference

EASY SAMPLE HANDLING IN THE LABORATORY

VACUETTE®
SECONDARY Tubes

improve laboratory automation
with their versatile application.



greiner
BIO-ONE

SMOOTH LABORATORY WORKFLOWS

thanks to precision
and quality-oriented
manufacturing

RELIABLE SAMPLE HANDLING IN LABORATORY AUTOMATION

Laboratory automation continues to progress and as a result sample throughput is also on the rise. Greiner Bio-One has developed VACUETTE® SECONDARY Tube to encourage efficient laboratory procedures. A big advantage of the product line is its versatility.

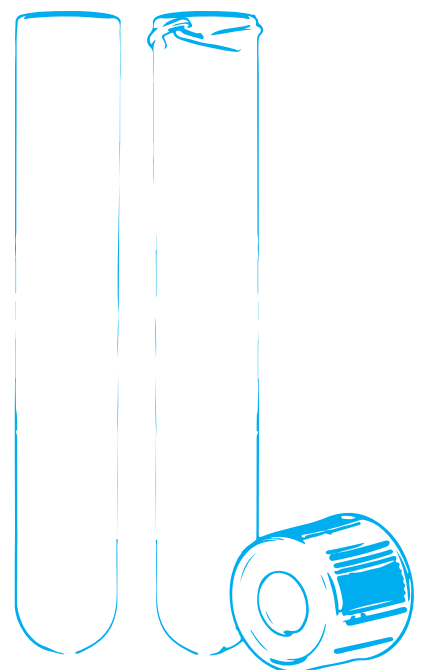
The VACUETTE® SECONDARY Tubes have the standard dimensions 13 x 75 mm and are compatible with a wide range of clinical laboratory instruments. Thanks to precision

manufacturing technology, we consistently deliver high quality products.

The non-ridged SIMPLEX tubes are already packed in alignment in the carton and can be directly transferred to the storage container. The MULTI-PLEX version with PREMIUM screw thread and screw cap is particularly suitable for secure sample transport. The caps have a bromobutyl rubber septum, making them suitable for cap piercing.

SIMPLE SAMPLE HANDLING.

- / Reliability thanks to precision manufacturing.
- / Compatible with a wide range of clinical laboratory instruments.
- / MULTIPLEX version available with screw thread .





VERSATILE SECONDARY SAMPLE CONTAINERS

MANY BENEFITS.

- / Shatter-proof
- / Impermeable
- / Versatile
- / Cold resistant
for freezing
- / Easy to open
- / Safe to transport

VACUETTE® SECONDARY Tubes are successfully used worldwide for aliquoting, pooling, sample transport and sample storage at temperatures as low as -80 °C.

In combination with SAFETY Screw Caps, compliance with Packaging Instruction P650 as well as the ADR and IATA standards is ensured. Leak-proof closure must be ensured up to a pressure difference of 95 kPa at temperatures of -40 to +55 °C.

Typical process steps such as centrifugation (up to 4,400 g for 30 min.), cap piercing, de-capping/recapping or sealing with aluminium foil can be carried out safely.

For recapping, Greiner Bio-One offers snap caps in a range of colours, which are used to archive samples for a limited time. The snap caps protect samples from dirt and evaporation when stored upright.

FREEZING:

PP -80 °C
PET -80 °C

WARMING:

PP +121 °C
PET +50 °C



VACUETTE® SECONDARY Tubes
made of PET or PP are
perfectly suited for a range
of applications inside and
outside of the laboratory.



RELIABLE AND ROBUST

The high transparency of the PET tube versions facilitates sample inspection by both skilled professionals and automated sample quality modules. The PET and PP tubes' exceptional shatter-resistance protects laboratory staff against the risk of infection and helps to avoid disruptions in automatic sample processing.

The VACUETTE® SECONDARY Tubes* have the same design as the 13 x 75 mm VACUETTE® blood collection tubes and therefore offer the same broad compatibility with clinical analyzers and automation systems.

Proven on the market
for many years and
compatible with a
wide range of clinical
laboratory instruments.



* except item no. 459020



ALIGNED IN THE CARTON

SIMPLEX tubes can be transferred directly to the storage container.

VACUETTE® SECONDARY Tubes SIMPLEX

The non-ridged version of the SIMPLEX tubes are already packed in alignment in the carton and can therefore be directly transferred to the pre-analytical sample processing system's storage container. SIMPLEX tubes are available in a PET version.



VACUETTE® SECONDARY Tubes MULTIPLEX

The PREMIUM tubes are available in PET or PP, with or without SAFETY Screw Cap. The PREMIUM tube with screw thread is particularly suitable for safe sample transport.



MAXIMUM FLEXIBILITY
with two different product versions

SAVE TIME WHEN WORKING
with tubes packed in alignment

IN COMPARISON

In combination with screw caps, both tube types comply with IATA guidelines (95 kPa) for safe sample transport and comply with CLSI standard AU001-A.*

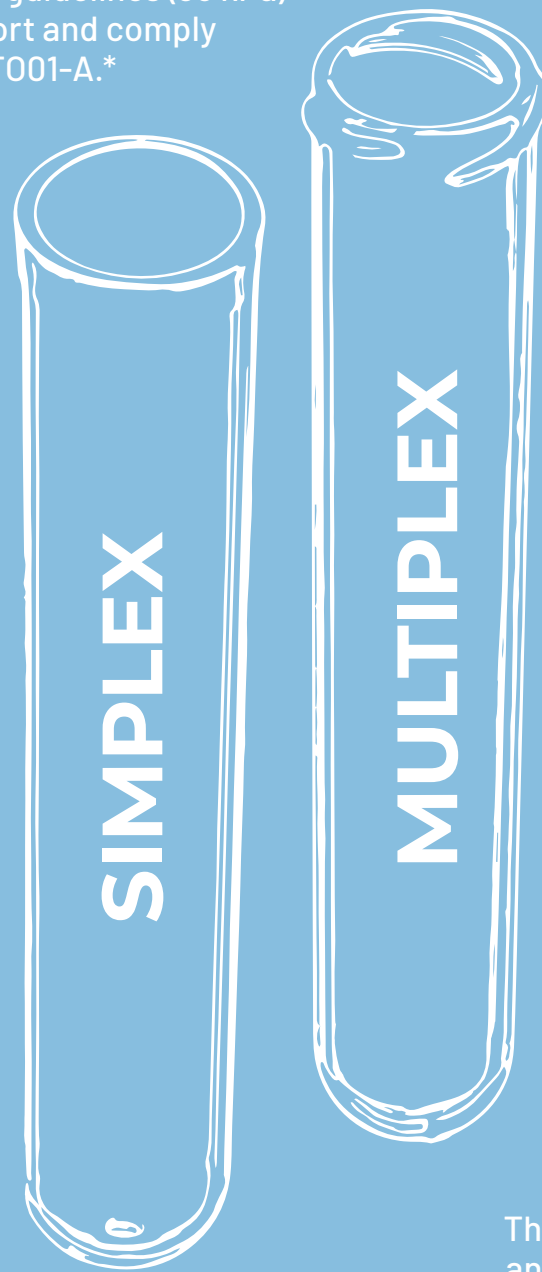
Non-ridged tube type

Safety cap only for 459021

Snap cap only for 459021

PET

Packed aligned in the carton



PREMIUM-Tube type

SAFETY Screw Cap for all versions

Snap cap for PET versions

PET or PP

Packed loose in the bag

The two different material and packaging types offer maximum flexibility for a range of application areas.

* does not apply to item 459020

VACUETTE® SECONDARY TUBES IN SIMPLEX CARTON PACKAGING

Remove the lid and fold out the side flaps.

1



Place tube container over the carton packaging.

2



Turn over the tube container and carton packaging, and then pull the carton out using the side flaps.

3





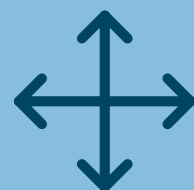
RELIABLE QUALITY

Quality-oriented and precision manufacturing guarantees the consistently high quality of our products.



INSTRUMENT COMPATIBILITY

Our tubes have been proven on the market over many years and are compatible with a wide range of clinical laboratory instruments.



VERSATILE APPLICATION

VACUETTE® SECONDARY Tubes made of PET or PP are suitable for a range of applications inside and outside of the laboratory.

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PRODUCT OVERVIEW

VACUETTE® SECONDARY Tubes SIMPLEX

Cap design: pull cap

Item no.	Description	Qty. inner / outer
459020	RD PET, 13x75 mm without cap, non-ridged	496 / 1,984
459021	BC PET, 13x75 mm without cap, non-ridged	496 / 1,984

- / 459020: designed for Roche PVT instrumentation (cobas p612)
- / 459021: Standard VACUETTE® design
- / VACUETTE® SECONDARY Tubes SIMPLEX are non-sterile and can be used at temperatures from -80 °C up to +50 °C.

VACUETTE® SECONDARY Tubes MULTIPLEX

Cap design: safety screw cap

Item no.	Description	Qty. inner / outer
459000	PP, 13x75 mm with white screw closure, PREMIUM	500 / 2,000
459001	PP, 13x75 mm with orange screw closure, PREMIUM	500 / 2,000
459010	PP, 13x75 mm without cap, PREMIUM	500 / 2,000
459011	PET, 13x75 mm without cap, PREMIUM	500 / 2,000

- / The PET tubes can be used at temperatures between -80 °C and +50 °C, the PP tubes from -80 °C up to +121 °C.
- / In combination with screw caps, the MULTIPLEX tubes fulfill the IATA guidelines (95 kPa) for secure sample transport and are compliant with the CLSI Standard AUT001-A.

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