

Double-walled round-bottomed flask and double-walled two-neck round-bottomed flask, temperature-controlled, made of "Clean Safe" laboratory glass

Our double jacket round bottom flasks provide reliable temperature control for your sample media. They allow both heating and cooling, working in conjunction with a thermostat accessible via GL threaded connections on the side. Another GL connection, in combination with a temperature sensor, allows you to precisely control the temperature of the thermostat to detect and compensate for set and actual temperature differences.

In addition, our double mantle round bottom flasks have an optimised bottom which allows a small stirring distance and facilitates the use of our magnetic stirrers for uniform mixing of your sample. This ensures homogeneous distribution and is important in many applications.

The flasks are also available as multi-neck round-bottom flasks. The products are designed to provide you with an efficient and reliable way of tempering your sample media. They can be used in various laboratory scenarios, research projects or industrial applications to achieve optimal results and perform precise experiments.

Function	Properties
Field of application	Reliable temperature control of sample media
Operating modes	Heating and cooling
Connection with thermostat	Via lateral GL threaded connections
Temperature control	Through additional GL connection in combination with a temperature sensor for precise control of setpoint and actual temperature differences
Optimised bottom	Enables small stirring distance and use of magnetic stirrers for homogeneous mixing of the sample sample
Areas of application	Various laboratory scenarios, research projects, industrial applications
Goal	Efficient and reliable temperature control of your sample media for optimal results and precise experiments



Illustration: Double-walled round bottom flask



Illustration: Double-walled two-neck round bottom flask

Double-jacketed round bottom flask:

(Art: L5762600xx)

	Central connection of flasks		
volume in ml	NS 29	NS 45	GL 45
50	L576260000	L576260011	L576260019
100	L576260005	L576260012	L576260020
250	L576260002	L576260013	L576260021
500	L576260006	L576260014	L576260022
1000	L576260007	L576260015	L576260023
2000	L576260008	L576260016	L576260024
3000	L576260009	L576260017	L576260025
4000	L576260010	L576260018	L576260026

Double-walled two-neck round-bottom flask

(Art: L5762600xxZ)

	Central connection of flasks		
volume in ml	NS 29	NS 45	GL 45
50	L576260000Z	L576260011Z	L576260019Z
100	L576260005Z	L576260012Z	L576260020Z
250	L576260002Z	L576260013Z	L576260021Z
500	L576260006Z	L576260014Z	L576260022Z
1000	L576260007Z	L576260015Z	L576260023Z
2000	L576260008Z	L576260016Z	L576260024Z
3000	L576260009Z	L576260017Z	L576260025Z
4000	L576260010Z	L576260018Z	L576260026Z

Consisting of:

- Centre-neck round-bottom flask with conical ground socket or GL thread.
- Jacket for round-bottomed flask with 2 x GL 14 threaded connection for tempering medium (from 1000 ml GL 18)
- Temperature sensor connection 1 x GL 14 on the temperature control jacket

Available accessories:

- Connection piece core NS 29/32
- Screw connection GL14
- Plastic lens/PP, straight
- Screw connection with hole cap/PPS GL 14
- Tube

Needed laboratory supplies / options:

- Magnetic stirrer
- Magnetic stirring bar
- Thermostat