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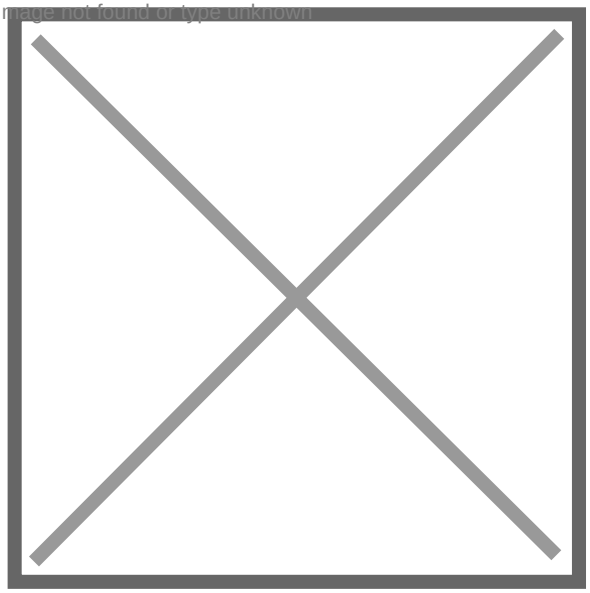
Product Name :

Round Bottom Flask 500ml

Product Code :

SCI-1347/018

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Science Lab
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Description :

Round Bottom Flask 500ml (Product Code: SCI-1347/018) is a borosilicate glass boiling flask used for larger-volume heating, distillation and reflux work in chemistry, pharmacy and research laboratories. Its 500 ml capacity handles bigger batches than student-scale flasks, and an interchangeable polypropylene stopper closes it for storage or transfer, making it versatile chemistry lab glassware. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Capacity	500 ml
Material	Borosilicate glass
Resistance	Heat resistant and chemical resistant
Stopper	Interchangeable polypropylene stopper, fitted
Bottom	Round
Product code	SCI-1347/018
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a 500 ml Round Bottom Flask Used For?

The 500 ml size is chosen when the volume of liquid is too large for a smaller flask to boil safely. Typical jobs include distilling water or a solvent for reuse, steam distillation of plant material such as cloves to extract an essential oil, refluxing a larger preparation for a class demonstration, and acting as the receiving flask at the end of a distillation train. In pharmacy and research labs it is also used to heat and dissolve larger quantities of material before filtration.

Before each use, check the glass for chips or star cracks, and warm the flask gradually rather than applying full heat at once. Let it cool naturally before washing, because pouring cold water into hot glass causes thermal shock. Clean it with a flask brush and detergent, rinse with distilled water and dry it upside down, then refit the polypropylene stopper for storage.

What to Specify When Ordering

- The capacity required: this flask is 500ml, and a smaller size is also listed.
- The condenser, heating mantle or stand you plan to use, so fits can be checked in one quotation.
- Quantity, including spare flasks for breakage.

OEM Manufacturer

This Round Bottom Flask 500ml is made by its OEM, Jain Scientific Equipments Private Limited, which
India.
of the

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