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Product Name :

Round Bottom Flask

Product Code :

SLE/GFL/13



Science Lab
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Description :

Round Bottom Flask (Product Code: SLE/GFL/13) is a graduated borosilicate glass flask with a spherical body and a narrow neck, the standard boiling vessel for heating, refluxing and distilling liquids. The curved base spreads heat evenly with no corners to stress the glass, and the narrow neck limits splashing and evaporation. School, college and university chemistry labs looking for a dependable round bottom flask in India and abroad order it from **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, which manufactures it in five capacities.

Specifications

Parameter	Detail
Material	Borosilicate glass
Flask type	Round bottom
Neck	Narrow neck
Capacities	50 ml, 100 ml, 250 ml, 500 ml, 1000 ml
Resistance	Heat resistant and chemical resistant
Markings	Graduated
Used in	Chemical laboratories

Typical Use

Round bottom flasks are the boiling vessel in most distillation apparatus and reflux set-ups: the flask sits in a heating mantle or is clamped over a burner and gauze, a condenser is fitted above or to the side, and the liquid is boiled with anti-bumping granules. Students also use them for preparing esters, heating mixtures under reflux and demonstrating fractional distillation. The narrow neck accepts a single- or two-hole stopper for a thermometer or delivery tube.

Because the base is curved, the flask will not stand by itself — always support it in a clamp, a mantle or a cork ring. Fill it to no more than about half for boiling, heat gradually, and read the graduations only as an approximate guide to volume. The 50 ml and 100 ml sizes suit individual student work; the 500 ml and 1000 ml flasks are useful for demonstrations and preparing larger quantities.

Manufacturer

This flask comes from **Jain Scientific Equipments Private Limited**, whose products carry the **ScienceLab** name. The firm is headquartered in Ambala, Haryana, a long-standing centre of scientific instrument making in India. Learn more on our company profile.

Related Laboratory Equipment

Heating and support equipment chosen with round bottom flasks: