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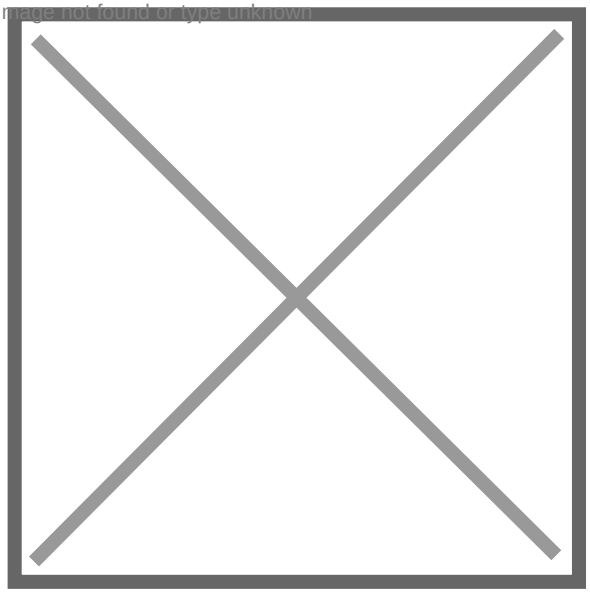
Product Name :

Wire Gauze

Product Code :

SCL-605/050

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Description :

Wire Gauze (Product Code: SCL-605/050) is a square iron wire gauze with a ceramic circle fitted in the centre. Placed on top of a tripod, it gives beakers, flasks and evaporating dishes a flat, stable seat above a Bunsen burner or spirit lamp and spreads the flame's heat across the base of the vessel. The iron is of extra-strong quality and the wire edges are rolled smooth so the sheet can be handled without snagging. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its chemistry lab equipment in India for schools and colleges.

Specifications

Parameter	Detail
Material	Iron, extra-strong quality
Shape	Square
Centre	Ceramic circle provided in the centre
Edges	Wire edges rolled smooth

Typical Use

A wire gauze on a tripod stand is the standard heating set-up in school practicals: warming water or solutions in a beaker, bringing a conical flask up to temperature before a titration, and evaporating a salt solution in a china dish to obtain crystals. The ceramic circle sits directly over the flame and distributes the heat, so the glass is not exposed to a concentrated hot spot that could crack it, and the square iron frame keeps round-bottomed and flat-bottomed vessels from tipping.

Centre the ceramic circle over the burner before lighting, never heat an empty glass vessel on it, and leave the gauze on the tripod until it has cooled — it stays hot well after the flame is turned off. Darkening of the iron with repeated heating is normal; replace the gauze if the ceramic coating begins to flake or the mesh sags.

Manufacturer

Jain Scientific Equipments Private Limited, which trades as **ScienceLab**, manufactures this wire gauze and its wider range of laboratory apparatus in Ambala, Haryana, India. You can learn more about the company on its profile page.

Related Laboratory Equipment

The gauze is one part of a heating station; these items complete it:

- Tripod Cast Iron Varnished — the stand the gauze rests on above the flame
- Bunsen Burner — the gas heat source placed beneath the tripod
- Glass Beaker — the vessel most often heated on the gauze
- Conical Flask — for warming solutions before titration or during preparations
- Porcelain Dish (China Dish) — for evaporation and crystallisation over the gauze

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