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**Product Name :**

Filter Paper

**Product Code :**

SLE/CH/87

# Description :

**Filter Paper** (Product Code: SLE/CH/87) is a semi-permeable paper barrier placed across the flow of a liquid or air to hold back fine particles while the fluid passes through. In science labs it is used mainly to remove solids from liquids — separating sand from water is the example most students meet first. As one of the everyday lab consumables in schools, colleges and testinglabs, it is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, to customersin India and international markets.

## Key Details

| Parameter | Detail |
|---|---|
| Type | Semi-permeable paper filter medium |
| Purpose | Separates fine substances from liquids or air |
| Main laboratory use | Removing solids from liquids, e.g. sand from water |
| Placement | Perpendicular to the liquid or air flow |
| Grade, diameter and pack size | Confirmed on enquiry |

## Typical Use

For gravity filtration, fold a circle of filter paper in half and then in half again, open it into a cone with three layers on one side, and seat it in a glass funnel. Moisten it with a few drops of water so it clings to the funnel wall, then pour the mixture down a glass rod into the cone. The solid residue stays on the paper and the clear filtrate collects in the flask below. This is the core step in separation-of-mixtures practicals, in purifying rock salt, and in removing undissolved solid before a solution is evaporated to grow crystals.

Keep the liquid level below the top edge of the paper so nothing bypasses the filter, and avoid poking the wet paper, which tears easily. Where filtration is slow, a Buchner funnel with a filter pump speeds things up. Store packs flat in a dry cupboard so the paper does not absorb moisture or dust before use.

## Supplier

This consumable is supplied by **Jain Scientific Equipments Private Limited**, which operates as **ScienceLab** from Ambala, Haryana, India, and equips educational and research laboratories with apparatus and consumables. See the company profile for more.

## Related Chemistry Lab Equipment

Items that complete a filtration set-up:

- Glass Funnel — holds the folded filter paper cone
- Funnel Holder — keeps the funnel steady above the collecting vessel
- Stirring Rod, Glass — guides the mixture into the filter without splashing
- [illegible]
- [illegible]

Find [illegible]

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