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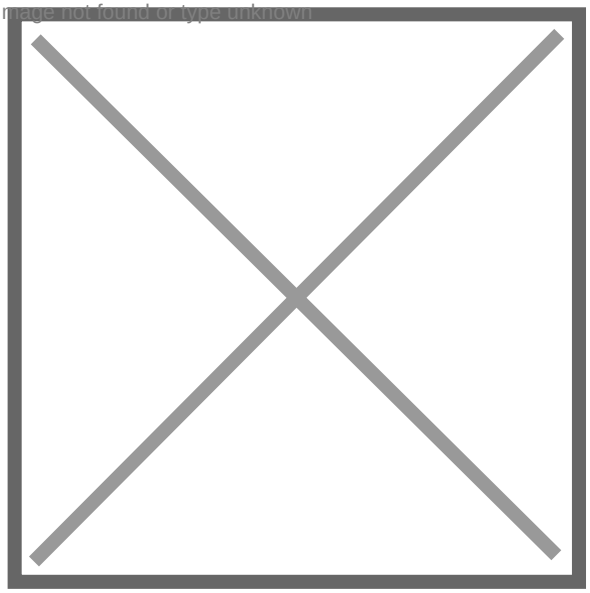
Product Name :

Parchment Paper (Semi Permeable)

Product Code :

SCL310/055

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Science Lab

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Description :

Parchment Paper (Semi Permeable) (Product Code: SCL310/055) is a semi-permeable membrane paper used for osmosis testing in school and college biology practicals. Supplied as a book of 100 leaves, it lets water pass while holding back larger dissolved molecules such as sugar, so a sheet tied over a thistle funnel makes osmosis visible. A key consumable for any osmosis experiment kit in a school lab, it is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Key Details

Parameter	Detail
Type	Semi-permeable parchment paper
Supplied as	Book of 100 leaves
Purpose	Osmosis testing
Product code	SCL310/055
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Semi-Permeable Parchment Paper Used For?

The classic set-up uses a thistle funnel: a piece of parchment is tied tightly over the wide mouth, the funnel is filled with concentrated sugar solution, and it is inverted into a beaker of water. Over the lesson, the liquid level in the stem rises as water moves through the membrane into the sugar solution. Marking the starting level and recording the rise at intervals turns the demonstration into a measured practical, and swapping the solutions shows that water always moves towards the more concentrated side.

Moisten the sheet in water for a short time before use so it becomes pliable and does not tear when tied. Stretch it evenly, tie it with thread in two or three turns and check for leaks before starting. As part of the cell biology equipment in a school lab, the same paper helps students connect the demonstration to what happens at cell membranes in root hairs, red blood cells and plant tissue.

Supplier

This membrane paper is supplied by Jain Scientific Equipments Private Limited, the Ambala, Haryana company that trades as ScienceLab and provides consumables for biology, chemistry and physics teaching across India and international markets. Teachers can add the funnels, beakers and sugar needed for the same practical to one enquiry and receive a single quotation. Visit the company profile for details.

Related Laboratory Equipment

Items used with parchment paper in osmosis practicals:

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