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Product Name :

Conductive Paper

Product Code :

SLE/PHY/147



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Description :

Conductive Paper (Product Code: SLE/PHY/147) is a resistive paper used to map electric fields by the equipotential points method in school and college physics labs. It comes as sheets of 38 cm x 53 cm, packed ten to a pack, and can also be cut into strips to make simple home-made resistors for electricity investigations. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Material	Conductive paper sheet
Sheet size	38 cm x 53 cm
Pack	Pack of 10 sheets
Main use	Plotting electric fields by the equipotential points method
Other use	Producing home-made strip resistors
Product code	SLE/PHY/147
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Conductive Paper Used For?

To plot a field, two electrodes are fixed on the sheet and connected to a low-voltage DC supply. A probe linked to a voltmeter or centre-zero galvanometer is moved across the paper to find points at the same potential; students mark them, join them into equipotential lines, and then sketch field lines at right angles. Changing the electrode shapes, such as two points, two parallel bars, or a point and a ring, shows how the field pattern follows the geometry.

Cut into strips, the same paper becomes a cheap resistor whose resistance rises with length and falls with width, which makes a neat investigation for physics lab equipment in India at secondary level. Store the sheets flat and dry, avoid folding or creasing them, and handle them by the edges to keep the surface even.

What to Specify When Ordering

- The number of packs (each pack holds 10 sheets of 38 cm x 53 cm).
- Whether a probe, galvanometer or voltmeter is needed for field plotting.
- Whether a low-voltage DC power supply should be quoted as well.

Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, manufactures conductive paper in Ambala, Haryana, as a consumable for electrostatics and electricity practicals. Schools, colleges, dealers and importers in India and international markets can order it together with the meters and supplies used in field-plotting work. Company information is on the ScienceLab profile page

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