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Product Name :

Friction Rod, Perspex

Product Code :

SLE/PHY/180



Description :

Friction Rod, Perspex (Product Code: SLE/PHY/180) is a 300 x 12 mm Perspex rod used to build up electric charge by rubbing in static electricity experiments in school and college physics laboratories. Teachers use it to attract paper scraps, charge an electroscope and compare how rods of different materials behave. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India, as part of its physicslab equipment range for schools in India.

Specifications

Parameter	Detail
Material	Perspex (acrylic)
Dimensions	300 x 12 mm
Application	Experiments involving static electricity
Product code	SLE/PHY/180
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Perspex Friction Rod Used For?

Rubbing the Perspex rod briskly with a dry cloth transfers charge by friction, so the rod can then lift small pieces of paper, bend a thin stream of tap water or make the leaf of an electroscope rise. It is a simple way to show charging by friction, charging by contact and the attraction and repulsion between charged objects in a physics lab equipment school India practical.

Static experiments are most reliable in dry air, because moisture lets the charge leak away within seconds. Hold the rod at one end, keep it free of grease and fingerprints, and wipe it with a clean dry cloth before each lesson. Comparing the Perspex rod with rods of other materials lets students see that the material decides how the rod charges.

What to Specify When Ordering

- The rod material you need — Perspex, or other friction rods for side-by-side comparison.
- Number of rods, for example one per student group.
- Whether friction cloths or an electroscope should be included in the same quotation.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the OEM (original equipment manufacturer) of this Perspex friction rod. It is produced at the company's own licensed factory at Saha, Ambala, Haryana, and supplied factory-direct to schools, colleges, dealers and importers across India and international markets, rather than through a trading intermediary.

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