Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Friction Cloth, Cotton

Product Code :

SLE/PHY/177



Science Lab
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Phone: +91-7082934803

Description :

Friction Cloth, Cotton (Product Code: SLE/PHY/177) is a square cotton rubbing cloth used to charge friction rods in static electricity experiments in school physics labs. Each 300 x 300 mm cloth gives enough area to grip a rod and rub it firmly along its length before bringing it near an electroscope or pith ball. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as an accessory for electrostatics work.

Specifications

Parameter	Detail
Material	Cotton
Dimensions	300 x 300 mm
Shape	Square
Use	Producing friction with friction rods
Product code	SLE/PHY/177
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Cotton Friction Cloth Used For?

Rubbing a rod with the cloth transfers electrons between the two surfaces, leaving the rod charged and ready to deflect an electroscope, lift small scraps of paper or swing a pith ball. Using the same cotton cloth with rods of different materials lets students compare which pairings charge most strongly, so it earns a place in the consumables drawer of any school physics lab in India.

Keep cloths dry and clean, because moisture or grease reduces charging. Store them in a closed bag between lessons, and give each student group its own cloth so that rubbing conditions stay consistent across the class.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, supplies this cotton friction cloth from Ambala, Haryana, alongside the electrostatics apparatus in its catalogue, so a school can source rods, cloths and electroscopes in a single order. Learn more about the company on our profile page.

Related Physics Lab Equipment

Friction rods to use with the cloth, and a complete starter kit:

- Friction Rod, Brass/Ebonite — 300 x 12 mm rod for static electricity experiments.
- Friction Rod, Nylon — synthetic rod for comparing charging behaviour.
- Friction Rod, Perspex — acrylic option for the same rubbing tests.
- Friction Rod, Glass/Brass, 300mm — glass/brass rod to widen the comparison.
- Electrostatic Investigation — kit of rods, fabrics and a suspended pith ball.

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