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Product Name :

Solar Filter

Product Code :

SLE/LSM/08



Description :

Solar Filter (Product Code: SLE/LSM/08) is a sun-viewing filter made of double sheets of aluminium polymer film, used to look at the Sun during eclipse and astronomy lessons in schools. Teachers use it so a class can watch the Sun's disc and a passing eclipse under supervision, instead of looking with bare eyes. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a school science kit supplier in India, as part of its early-science range and a useful addition to an earth science kit in India.

Key Details

Parameter	Detail
Filtermaterial	Aluminium polymer film
Construction	Double sheets of film
Purpose	Viewing the Sun
Product code	SLE/LSM/08
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Solar Filter Used For?

Looking straight at the Sun can damage the eyes within moments, so astronomy lessons need a filter placed between the eye and the Sun. The Solar Filter lets a class follow a partial or annular solar eclipse, see the Sun as a clean disc, and discuss why the Moon's shadow moves across it. It turns a topic usually taught from diagrams into a shared observation.

Before every use, hold the film up to a lamp and check both sheets for scratches, pinholes, creases or tears; do not use a damaged filter. Cover both eyes with the filter before facing the Sun and look away before lowering it. Never use it together with binoculars, a telescope, a camera or a magnifier, because concentrated sunlight can burn through the film, and always have an adult supervising children.

Supplier

Jain Scientific Equipments Private Limited sources and supplies the Solar Filter under its ScienceLab trading name from Ambala, Haryana, within its Science Material range. Schools, science clubs, planetariums, dealers and importers in India and international markets can order it ahead of eclipse events or for regular astronomy teaching. See the ScienceLab company profile for more about the business.

Related Science Material

These items support the same lessons on the Sun, Earth and Moon:

- Solar System Model — explains the positions of the Sun and planets before pupils observe the real Sun.
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