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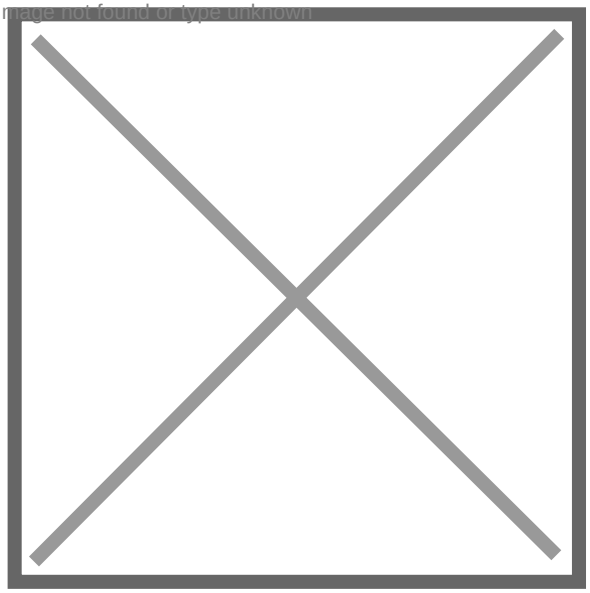
Product Name :

Calorimeter Lagging

Product Code :

SCI-1457/021

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Description :

Calorimeter Lagging (Product Code: SCI-1457/021) is a thick felt insulating jacket used to cut heat exchange between a calorimeter and the room during heat experiments in school andcollege laboratories. It fits copper and aluminium calorimeters of 50 mm, 65 mm or 75 mmdiameter and comes with a felt mat that insulates the base. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Type	Thick felt jacket (lagging) for calorimeters
Compatible calorimeters	Copper and aluminium calorimeters
Calorimeter diameters	50 mm, 65 mm and 75 mm
Base insulation	Felt mat included for insulating the bottom
Product code	SCI-1457/021
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is Calorimeter Lagging Used For?

Every method-of-mixtures or specific heat experiment assumes that the heat lost by the hot body is gained by the water and the calorimeter, not by the air. A bare metal calorimeter leaks heat through its walls and base, which pulls the final temperature away from the true value. Wrapping the vessel in felt lagging and standing it on the felt mat slows that loss, so results for specific heat capacity or latent heat come closer to textbook values.

Slide the jacket over the calorimeter before adding water, keep the felt dry, and read the thermometer promptly once the mixture settles. The lagging turns a basic vessel into a more complete calorimeter experiment kit and is a sensible spare for any calorimeter lab in India that runs heat practicals every term.

What to Specify When Ordering

- The calorimeter diameter each jacket must fit: 50 mm, 65 mm or 75 mm.
- Whether your calorimeters are copper or aluminium.
- The number of jackets needed per diameter, usually one per student group.
- Whether you also need calorimeters or thermometers on the same order.

OEM Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, is the original equipment manufacturer of this felt lagging. The jackets are made at the company's own licensed factory in Saha, Ambala, in the three calorimeter diameters listed above. Institutions, dealers and importers order
Scien

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