Email : sales@scilabexport.com
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Product Name :

Melting-Point Tubes

Product Code :

SLE/ME/44



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Description :

Melting-Point Tubes (Product Code: SLE/ME/44) are thin-walled capillary tubes used to hold small powdered samples during melting point determination in chemistry, pharmacy and teaching laboratories. Each tube is 100 mm long and 1 mm in diameter, so it needs only a tiny amount of sample and lets heat pass quickly from the heating block to the solid. They are supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab consumables supplier for India and international markets.

Specifications

Parameter	Detail
Type	Thin-walled capillary tubes
Length	100 mm
Diameter	1 mm
Typical use	Holding samples for capillary melting point determination
Product code	SLE/ME/44
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Are Melting-Point Tubes Used For?

In the capillary method, a finely ground solid is packed into the closed end of a melting-point tube, the tube is placed in a melting point apparatus, and the temperature at which the solid starts and finishes melting is recorded. A pure compound melts over a narrow range, while impurities lower and broaden it, so these tubes are central to identifying organic compounds and checking the purity of products such as recrystallised samples in school and college chemistry lab equipment sets.

To fill a tube, press the open end into a small heap of dry, powdered sample, then tap or drop the tube, closed end down, so the solid settles into a short, tightly packed column. Use a fresh tube for every determination and wipe the outside clean before inserting it into the heating block.

What to Specify When Ordering

- Number of tubes required — the pack size is not listed here, so tell us your total quantity.
- Which melting point apparatus you use, so we can check the 1 mm diameter suits its sample holes.
- Whether one end should already be sealed, or whether you seal the tubes yourself.

Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited in Ambala, Haryana, supplies Melting-Point Tubes as a consumable for chemistry and pharmacy practicals. Because the tubes are used once and discarded, schools and colleges usually re-order them each term alongside their melting point apparatus and other consumables. Learn more on the ScienceLab comp

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