Email : sales@scilabexport.com
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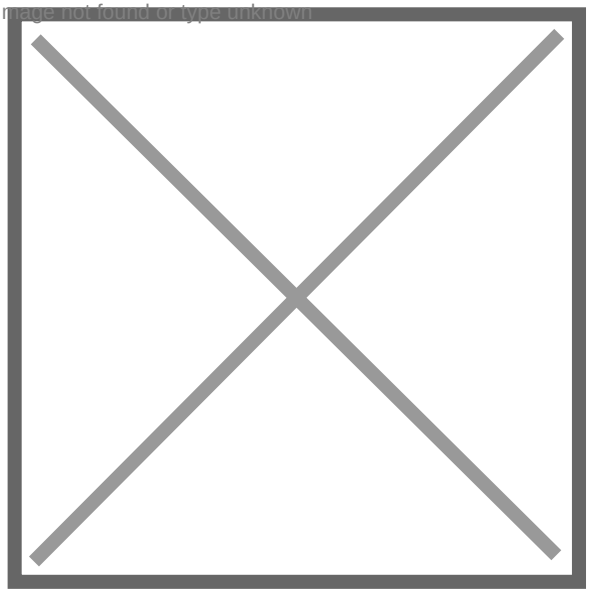
Product Name :

Steel Wire

Product Code :

SCL250/024

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Description :

Steel Wire (Product Code: SCL250/024) is a steel test wire used for elasticity and other wire-based experiments in school and college physics laboratories. Lab staff keep it as stock or replacement wire; it is listed with a capacity of 100 gm, and its size suits mechanically swaged fittings. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as part of its physics lab equipment range for India and international markets.

Specifications

Parameter	Detail
Material	Steel
Capacity (as listed)	100 gm
Fitting suitability	Size suited to mechanically swaged fittings
Product code	SCL250/024
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Steel Wire Used For?

In physics practicals, steel wire of this kind is typically used as the test wire in Searle's method for Young's modulus, where known loads stretch it by fractions of a millimetre. Keeping stock wire on the shelf lets a lab replace a kinked or over-stretched wire between practical batches instead of reusing one that no longer gives reliable readings. It also serves for simple stretching and load demonstrations.

Handle the wire carefully: store it loosely coiled, avoid sharp bends, and cut lengths with a proper wire cutter so the ends seat cleanly in chucks or fittings. Before a practical, measure the diameter with a screw gauge at several points along the length and use the average, because small diameter errors have a large effect on the calculated modulus.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, supplies this Steel Wire from Ambala, Haryana, India, alongside Searle's apparatus and the other physics items in its catalogue. The company sources the wire for laboratory use and can combine it with apparatus on one quotation, so a lab can reorder test wire and the equipment it is used with from a single supplier. Read about the company on the ScienceLab profile page.

Related Physics Lab Equipment

Labs that stock Steel Wire usually need these items for the same measurements:

- Searle's Apparatus — the Young's modulus apparatus that uses test wires
- Wall Mount For Searle Apparatus — for hanging the wire set-up from a wall
- Screw Gauge — for measuring the wire diameter accurately
- [illegible]
- [illegible]

Find [illegible]

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