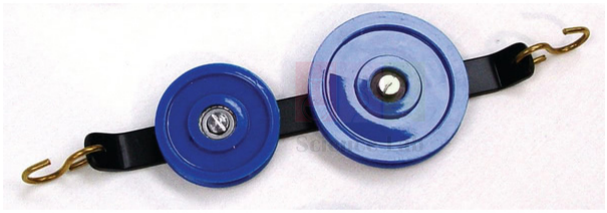
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Product Name :

Pulley, Plastic Double, with Ball Bearings

Product Code :

SLE/PHY/279



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Description :

Pulley, Plastic Double, with Ball Bearings (Product Code: SLE/PHY/279) is a double block ofin-line plastic pulleys running on ball bearings, used to rig lightweight block-and-tackle systems in school mechanics practicals. Its open-sided frame has a hook at each end and lets students lay the string over the wheels without threading. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of mechanics lab equipment in India, at its own factory in Ambala.

Key Details

Parameter	Detail
Material	Plastic pulleys
Arrangement	In-line
Type	Double
Bearings	Ball bearings
Frame	Open-sided, with hooks at each end
Stringing	Quick and easy; no threading involved
Product code	SLE/PHY/279
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Plastic Double Pulley Used For?

Two in-line wheels in one block let students add a second supporting string to a pulley system, and plastic pulleys keep the block light, which matters when the moving block's own weight would otherwise distort small-load results. Pair it with a single pulley or a second double block, measure effort, load and distance moved, then calculate mechanical advantage and efficiency.

The ball bearings keep friction low, and the open side of the frame means strings are laid in rather than threaded, so a group can switch between arrangements quickly. Wipe the wheels clean, keep them away from heat sources such as burners, and check that each wheel spins freely before the lesson. It is a practical piece of physics lab equipment for school benches.

What to Specify When Ordering

- Number of double blocks, and single pulleys to pair with them.
- Plastic or metal: a metal tandem double pulley is also listed.
- Masses, hangers and spring balances.
- Any wheel-diameter requirement, which we will confirm with the quotation.

OEM Manufacturer

Jain S
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