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Product Name :

Transparent 3D Solid Set

Product Code :

SLE/MAT/64



Science Lab

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Description :

Transparent 3D Solid Set (Product Code: SLE/MAT/64) is a set of large, see-through plastic solids used to introduce solid geometry and to show the relationships between area, volume, shape and size in school maths labs. Its shapes include a cone, cylinder, cube, cuboid, sphere, rectangular prism and square base pyramid, so students can investigate faces, vertices, edges, curves and angles. **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, makes it at its own factory in Ambala, India.

Key Details

Parameter	Detail
Material	Transparent plastic solids
Shapes included	Cone, cylinder, cube, cuboid, sphere, rectangular prism, square base pyramid and others
Size	Large solids for tactile classroom use
Features to investigate	Shapes, faces, vertices, edges, curves and angles
Concepts illustrated	Relationships between area, volume, shape and size
Product code	SLE/MAT/64
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Transparent 3D Solid Set Used For?

Because the solids are see-through, students can count every edge and vertex at once, including the ones at the back that are hidden on an opaque model. That makes it easier to tabulate faces, edges and vertices for each shape and to spot patterns such as Euler's relationship for polyhedra, while the cone, cylinder and sphere open up a discussion of curved surfaces.

A good exercise is to stand a solid on paper and view it from the top, front and side, then sketch its plan and elevations. Handling the large pieces adds a tactile element that helps students connect the shape and size of a solid with its surface area and volume. The set suits a complete maths lab setup for schools in India, from middle school to senior secondary.

OEM Manufacturer

Jain Scientific Equipments Private Limited, whose trading name is ScienceLab, manufactures the Transparent 3D Solid Set as the OEM (original equipment manufacturer). The solids are made at the company's own licensed factory at Saha, Ambala, Haryana, India, and shipped factory-direct to schools, colleges, institutions, dealers and importers. Because you deal with the maker, questions about a replacement piece or a repeat order are answered by the same team — just ask. See our company profile.

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