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Product Name :

Vacuum Tubing

Product Code :

SLE/LI/15



Description :

Vacuum Tubing (Product Code: SLE/LI/15) is heavy-wall laboratory tubing used to connect vacuum pumps to filter flasks, desiccators and other apparatus in chemistry, biology and physics laboratories. Made from a polymer blend with an 8 mm internal diameter and a 6 mm wall, it is designed to replace natural rubber vacuum tubing, resists UV and has a square outer profile that lies flat on the bench. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory equipment supplier in India.

Specifications

Parameter	Detail
Material	Polymer blend
Internal diameter	8 mm
Wall thickness	6 mm
External profile	Square, sits flat on the bench
UV resistance	Yes
Tensile strength	7.5 MPa
Tear strength	17 kN/m
Specific gravity	1.16 ± 0.05 g/cm³
Rebound resilience	60%
Temperature range	-50 to 200 °C
Replaces	Natural rubber vacuum tubing; described as lasting many times longer
Product code	SLE/LI/15
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Vacuum Tubing Used For?

Vacuum tubing links a vacuum source to apparatus that must work under reduced pressure — for example a pump to a filter flask during Buchner filtration, to a vacuum desiccator, or to a distillation set-up run under reduced pressure. Thin-walled tubing collapses when air is drawn out, which is why the 6 mm wall matters: it keeps the bore open so the vacuum reaches the apparatus. Schools and colleges buy it as one of their routine lab consumables for filtration and drying practicals.

Cut lengths cleanly with a sharp blade, push the tubing fully over each hose connector, and route it so clamps or bench edges do not kink or pinch it. The polymer blend is intended to outlast natural rubber, but check the ends for splits from time to time and trim them back when needed. The square profile also stops the tubing rolling off the bench.

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