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Product Name :

Laboratory Sealing Film

Product Code :

SLE/CH/215



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Description :

Laboratory Sealing Film (Product Code: SLE/CH/215) is a two-way stretch sealing film used to close the mouths of flasks, test tubes, beakers and dishes when a stopper or lid is not practical. Pulled gently in both directions, it clings around irregular shapes and surfaces and forms a snug seal against evaporation and dust. The film is 100mm wide and 38m long, free from plasticisers and non-toxic, which makes it a routine item among lab consumables in chemistry, biology and microbiology labs at schools, colleges and research institutes. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Type	Two-way stretch sealing film
Width	100mm
Length	38m
Stretch	Up to 200%
Melting temperature	60°C
Composition notes	Free from plasticisers; non-toxic
Chemical resistance	Resists polar substances such as saline solutions, inorganic acid and alkaline solutions for up to 48 hours; resistant to most lower alcohols
Not suitable with	Many common solvents, such as diethyl ether and carbon tetrachloride, in which it is unstable
Handling	Clings around irregular shapes and surfaces

Typical Use

Technicians use the film to cover conical flasks holding prepared solutions or broth, to seal test tubes before they are shaken, to wrap the rim of culture plates during incubation, and to close a measuring cylinder so it can be inverted for mixing. In microbiology lab work it is also used to keep plates and small containers from drying out while they are stored. Because it stretches up to 200%, a small square is usually enough for a flask neck, which keeps usage economical.

Cut a piece a little larger than the opening, stretch it across, then wrap and press it down the sides so it grips. Keep it away from heat: with a melting temperature of 60°C it is not for hot plates, ovens or autoclaves. Its resistance to salt, acid and alkaline solutions is rated for up to 48 hours, so for longer storage switch to a proper stopper or cap, and never rely on it with diethyl ether, carbon tetrachloride or similar solvents.

Manufacturer

ScienceLab, the brand of Jain Scientific Equipments Private Limited in Ambala, Haryana, manu nd appa more

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