

PARAFILM LAMINA M. CIERRA

75 M A 100 MM

Código: 07159557
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Efficient and cost-effective covering for test tubes, beakers, vials, petri dishes, flasks, and various other instruments and objects with irregular surfaces. Protect the integrity of research applications with a tight moisture-barrier that holds a strong seal and doesn't release from glassware, despite off-gassing. Reduce the risk of tampered data with a covering that is odorless, colorless and semi-transparent. Prevents moisture and volume loss due to material composition and tight seal. Flexible and self-sealing material allows it to cling around irregular shapes and surfaces. Stretches more than 200% of original length. Resistant up to 48 hours against many polar substances such as saline solutions, inorganic acids and alkaline solutions. Permeability Oxygen: (ASTM 1927-98) 150 cc/m² d at 23°C and 50% RH. Carbon Dioxide: (Modulated IR Method) 1200 cc/m² d at 23°C and 0% RH. Water Vapor: (ASTM F1249-01) Flat: 1 g/m² d at 38°C and 90% RH. Creased: 1 g/m² d at 38°C and 90% RH. Effects of Common Reagents: Potassium Permanganate 5%: No apparent effect except permanent dark brown coloration in 18 hours. 0.1%: Same as 5% except slightly less color. Iodine solution (0.1N) No effect except staining brown in 18 hours. Ethyl Alcohol (95%) No apparent effect except some face whitening in 24 hours. No apparent effect in 24 hours: Hydrochloric Acid conc. (12N) dil. (5N) Sulphuric Acid conc. (36N) dil. (5N) Nitric Acid conc. (16N) dil. (5N) Sodium Hydroxide conc. (22%) Ammonium Hydroxide conc. (28% NH₃) Salt (NaCl) solution (20%) Isopropyl Alcohol (99%) Not recommended for use with chlorinated, non-polar aliphatic and aromatic solvents. Film becomes soft and sticky at about 130° to 150°F (54° to 66°C). Order Info 13-374-10, 13-374-12, and 13-374-16 rolls are packaged in cardboard dispensing cartons.