



12 mm x .22 mm Siliconized Circle Cover Slides - 0.5 oz

- Siliconized glass cover slides for hanging & sitting drop crystallization
- Hanging drop crystallization
- Sitting drop crystallization
- Sandwich drop crystallization

Product codes:

Reference: HR 3277

Product gallery:



Product description:

- High purity of glass
- Siliconized, hydrophobic glass surface
- 0.22 mm & 0.96 mm glass thickness
- 12 mm glass diameter
- Circle
- 0.22 mm glass thickness is UV Compatible (>85% transmission)

Siliconized glass cover slides allow a droplet to be suspended in a position which provides near optimal conditions for vapor diffusion with the surrounding reservoir solution.

These siliconized glass cover slides provide a consistent, high quality finish for crystallization experiments. The hydrophobic surface produces a drop which “stands well” and does not flatten on the glass. The siliconized surface prevents the adhesion of crystals and precipitate onto the glass surface. Use Dow Corning Vacuum Grease (HR3-510) or Dow Corning 7 Release Compound (HR3-508) to seal cover slide to plate. Available in 12, 18 or 22 mm diameter circles



and 22 mm diameter squares. Available in 0.22 mm or 0.96 mm glass thickness. The 0.96 mm thick slides are virtually unbreakable during crystallization handling.

Critical surface tension Untreated glass 78 dynes/cm Siliconized glass 31 dynes/cm Surface resistivity Untreated glass 1×10^{12} ohms Siliconized glass 1.2×10^{13} ohms Coefficient of friction static, glass slide on glass slide Untreated 0.9-1.0 Siliconized 0.2-0.3 Protein adsorption (100 hours) Untreated glass 0.13 mg/mm² Siliconized glass 0.01-0.02 mg/mm²

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Product features:

CRF - TIPO: 12 mm Siliconized Glass Cover Slides;