

Silicon Nitride (Si_3N_4) Membrane Bare

- + Ultraflat, low stress, defect-free film
- + Mechanical, thermal and chemical stability
- + Ultrahigh uniformity and reproducibility

Product Description

Order code: 0601-01

Content: 10x Bare silicon nitride membrane chip

Chip Dimensions: 5 x 5 mm, 0.38 mm thick Si frame

Window Size: 0.09 x 0.09 mm

20 nm thick low-stress silicon nitride membrane

Applications

- TEM analysis
- X-ray microscopy
- UV and IR spectroscopy
- Cell culturing
- Molecular biology

Particle-Free

The whole process of the Si_3N_4 membrane fabrication is conducted in an ISO class 5/7 cleanroom which ensures best possible quality of the product. The membrane chips are packed under nitrogen atmosphere, sealed in a moisture shielding metallized bag and ready to use.

Custom Designs

LSPR AG can supply a wide range of custom designed Si_3N_4 membranes with different sizes, thicknesses, and patterned structures. LSPR AG also provides custom coatings on Si_3N_4 membrane for a wide range of applications.

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