

Fresh, Clean, UltraFlat Gold Surfaces Everytime



Platypus® Template Stripped Gold Chips

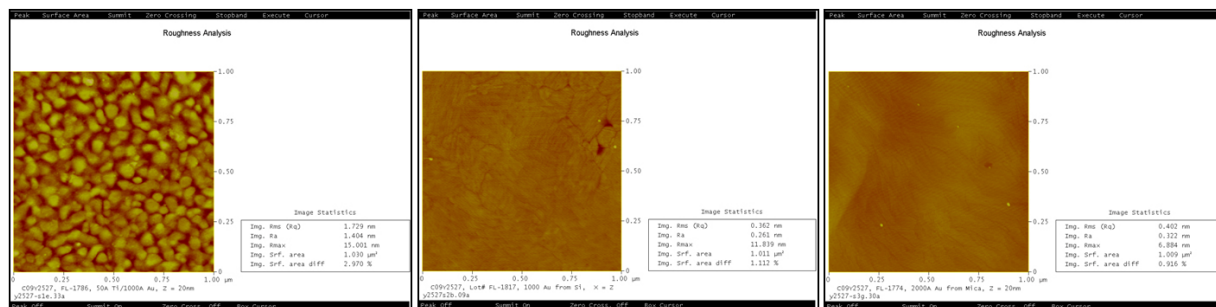
Platypus® Template Stripped Gold Chips provide an extremely smooth and clean gold surface for a variety of research needs, including AFM and SEM applications, biosensor development, and SAMs studies. Immediately before use, simply strip a chip (1 cm x 1 cm) from a gold-coated template surface. Choose between chips stripped from a gold-coated atomically flat, cleaved mica template or chips stripped from a gold-coated prime grade silicon wafer template.



Product Features & Benefits

- **Consistent Topography** – Gold on chips remains ultraflat until stripped from the mica or silicon wafer template.
- **Uncontaminated Surface** – Gold on chips is protected from atmospheric hydrocarbons until stripped from the template, and when used immediately upon stripping, provides a pristine surface uncontaminated by organics.
- **Ready to Use** – Chips do not require cleaning prior to use, thus eliminating the need for caustic piranha cleaning solution or expensive cleaning equipment.
- **Convenient** – Multiple chips per template make it easy to prepare fresh, clean, and ultraflat chips just seconds before your next experiment.

Representative Data RMS roughness over 1 μm^2 area



1 μm^2 AFM scan of as-deposited gold on Silicon Wafer
RMS roughness = 17.3 Å

1 μm^2 AFM scan of Platypus® Template Stripped Gold – Silicon Wafer
RMS roughness = 3.6 Å

1 μm^2 AFM scan of Platypus® Template Stripped Gold – Mica
RMS roughness = 4 Å

Product Listing

PROD. NO.	DESCRIPTION	SIZE
AU.2000.MTSG	Platypus® Template Stripped Gold - Mica	5 chips on 1 piece of mica
AU.1000.SWTSG	Platypus® Template Stripped Gold - Silicon Wafer	20 chips on 1 silicon wafer

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