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# ULTRANANOTECH PVT. LTD.

Materials Beyond Imagination

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## Gold Coated Silicon Chips

Gold-coated silicon chips, are used extensively as substrates for analytical characterization of materials. For example, materials deposited onto gold-coated wafers can be analyzed via ellipsometry, Raman spectroscopy or infrared (IR) spectroscopy due to the high-reflectivity and favorable optical properties of gold. In addition, gold-coated silicon wafers are excellent substrates for fabricating electrodes, electrochemical sensors, self-assembled monolayers, photonic devices, and other advanced technologies.

Square chips of silicon with 100 nm gold film.

Silicon wafer chips (10 mm x 10mm) coated with 100 nm of gold over a Titanium adhesion layer, 20 count

Silicon wafer chips (8 mm x 8 mm) coated with 100 nm of gold over a Titanium adhesion layer, 5 count



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