



COATING SERVICES

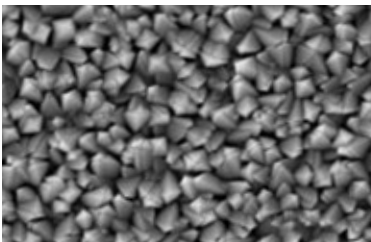
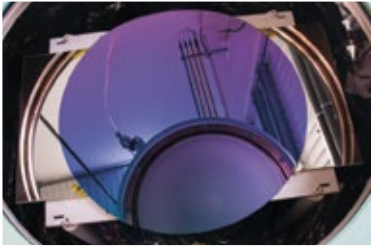
FROM CONCEPT TO PRODUCTION

Gencoa develops innovative thin-film materials and coatings using magnetron sputtering and other PVD technologies, delivering responsive support for everything from simple coating requirements to complex multi-stage coating development projects.

Our expertise spans sectors including optical and decorative coatings, semiconductors, tooling, automotive, electronics, alongside advanced functional surface technologies such as biocidal coatings, barrier coatings, and tailored surface wettability.

Perfect your process
www.gencoa.com

COATING SERVICES

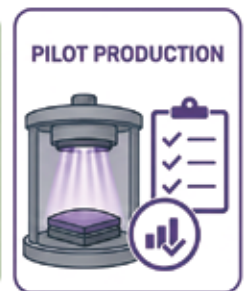


GENCOA COATING DEVELOPMENT FACILITY

Supported by a team of highly-qualified scientists and engineers, services range from one-off single or multi-layer coating applications, to comprehensive coating development programmes covering feasibility studies, material development, process optimisation, and scale-up.

We specialise in coating solutions for applications in harsh environments across aerospace, nuclear fusion, and energy storage, where reliability and resistance to corrosion, and extreme temperatures are critical to long-term material performance.

Whether your application requires enhanced wear resistance, improved corrosion protection, advanced tribological performance, or reliable operation in extreme environments, Genco deliver prompt and bespoke coating solutions tailored to specific performance requirements.



PERFECT YOUR COATINGS

A well-equipped facility includes a suite of material-development coating systems for depositing on coupons, semiconductor wafers, and 2D/3D components. Larger batch and inline sputtering coating systems are available for reproducibility studies, process validation, and pilot production trials.

A 1.5m-source batch coater accommodates up to seven vertically mounted cathodes and is suited to multilayer, multi-material, and doped coatings on 3D components. An inline coating system, equipped with a load-lock chamber to support higher throughput operation, can coat flat substrates up to 600mm wide, making it ideal for glass, polymers, and other sheet materials.

In-house characterisation capabilities allow rapid assessment of coating composition, properties, and performance throughout the development process.

From simple coating solutions, exploration of a new coating concept, optimisation of an existing process, or evaluating a route to pilot production, contact our team at coatings@genco.com to discuss your requirements.

FURTHER INFORMATION

Contact: coatings@genco.com or visit
www.genco.com/coating-services

